APPENDIX D Master Drainage Study

REGIONAL MASTER DRAINAGE STUDY

FOR

SUNCREEK SPECIFIC PLAN

CITY OF RANCHO CORDOVA, CA
AUGUST 22, 2011



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PUBLIC WORKS DEPARTMENT
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Project Assessor's Parcel Numbers:	067-004-010, 067-009-026, 067-010-015, 067-010-017, 067-010-018, 067-010-020, 067-010-021, 067-010-023, 067-010-024, 067-010-025, 067-010-026
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1.0 Executive Summary

The SunCreek Specific Plan is a proposed 1,266+/- acre development consisting of mostly single-family residential land uses within the Sunrise Douglas Community Plan. The project includes low to high-density single-family residential units, some multi-family residential units, a High/Middle School Site, an elementary school, parks, open space areas and commercial land uses.

The purpose of the study is to analyze, identify and document the SunCreek Drainage Study Area's existing drainage infrastructure deficiencies, required on-site and off-site drainage facilities that are necessary to maintain downstream drainage impacts to existing conditions or below existing conditions such that the Project develops in a safe and responsible manner. The SunCreek Specific Plan is located within the limits of the City of Rancho Cordova. Refer to **Exhibit A: SunCreek Specific Plan - Vicinity Map** to see the location of the SunCreek Specific Plan. The SunCreek Specific Plan is bounded by Sunrise Boulevard, the Anatolia III development and Rancho Cordova Parkway on the west. The eastern boundary is adjacent to Grant Line Road and undeveloped County of Sacramento property. Two SunRidge Specific Plan projects, Arista del Sol and the Preserve, are adjacent to the northern project boundary while the southern boundary is adjacent to the Arboretum Project. Refer to **Exhibit B: SunCreek Specific Plan - Land Use Plan** to see the SunCreek Specific Plan land uses and adjacent projects.

The SunCreek Specific Plan Area can develop as proposed by constructing the drainage infrastructure consisting of pipelines, open bottom con-span bridge crossings of Kite Creek and hydro-modification detention basins. The Hydro-modification Detention Basins include a combination wet-dry water quality basin which will be kept in the wet condition during the summer months due to the anticipated summer nuisance flows. Summer nuisance flows that exceed the evaporation rate and percolation rate of the wet water quality basin will be percolated into the ground through specially designed and constructed percolation trenches placed in the Hydro-modification Detention Basin floor. The impacts on Kite Creek due to hydro-modification is mitigated by slowly metering out storm runoff to match undeveloped runoff rates for storms ranging from 25% of the 2-year storm up to and including the 100-year storm using a flow duration The Hydro-modification Detention Basin reduces the SunCreek control strategy. Specific Plan Area developed storm runoff rates calculated by the Sacramento Method for the 10-year, 24-hour storm and the 100-year, 24-hour storms to less than the predevelopment storm runoff rates.

Therefore, the SunCreek Specific Plan Area can develop without impacting the predevelopment water quality, hydro-modification of Kite Creek and the downstream watercourses by constructing the SunCreek Plan Area drainage Infrastructure discussed and identified in this study. Additional studies may be required by the County during project implementation (including evaluating the volume related increase impacts associated development of the SunCreek Specific Plan Area on the downstream creek system).

2.0 Introduction

2.1 Overview

The SunCreek Specific Plan Area (SunCreek Plan Area) is a proposed 1,266+/-acre development project located in the City of Rancho Cordova. The proposed project is within the Sunrise Douglas Community Plan and consists of mostly single-family residential land uses. The project includes low to high-density single-family residential units, some multi-family residential units, a High/Middle School Site, an elementary school, parks, open space areas and commercial land uses. The project site is bounded by Sunrise Blvd., the Anatolia III development and Rancho Cordova Parkway on the west. The eastern boundary is adjacent to Grant Line Road and undeveloped County of Sacramento property. Two Sunridge Specific Plan projects, Arista del Sol and the Preserve are adjacent to the northern project boundary while the southern boundary is adjacent to the Arboretum Project.

The SunCreek Plan Area is undeveloped land with relatively poor agricultural soils. The area has been used for dry farming and grazing. The terrain is slightly rolling terraces with elevations ranging from 120 to 230 feet above sea level situated within the upper reaches of the Laguna Creek watershed. Kite Creek is a tributary to Laguna Creek and transverses through the middle of the SunCreek Plan Area generally sloping from the northeast to the southwest. Kite Creek and the adjacent grasslands will be set aside as a permanent open space preserve area. Kite Creek exits the SunCreek Plan Area's southern boundary and meanders in a southerly direction approximately 4,000 feet where it joins Laguna Creek.

Another tributary to Laguna Creek flows through the eastern portion of the SunCreek Plan Area and connects to Laguna Creek approximately 3,100 feet south of the SunCreek Plan Area boundary.

This Regional Master Drainage Study for SunCreek Specific Plan (SunCreek Drainage Study) area analyzes the Laguna Creek Watershed from the headwaters to a point approximately 3,500 feet south of Florin Road. Refer to **Exhibit C: SunCreek Specific Plan – Drainage Study Area** to see the limits of this drainage study. The SunCreek Drainage Study area is situated between the Morrison Creek Watershed located adjacent to the northern Laguna Creek watershed boundary and the Deer Creek Watershed located adjacent to the eastern and southern Laguna Creek watershed boundary.

2.2 Purpose

The purpose of the SunCreek Drainage Study is to analyze and document the existing undeveloped watershed characteristics and determine the interim and

permanent drainage facilities that are necessary to maintain downstream drainage impacts to existing or below existing conditions such that the SunCreek Plan Area develops in a safe and responsible manner. The SunCreek Drainage Study investigates several detailed modeling scenarios for the entire Drainage Study Area. The electronic data files utilized with this analysis will be provided to the Sacramento County Water Agency, who will update as development occurs within the Study Area. Therefore, as the SunCreek Drainage Study Area develops the Sacramento County Water Agency will have a comprehensive understanding of the drainage facilities necessary to meet the goals of maintaining downstream impacts to existing or below existing conditions.

2.3 Previous Studies

The hydrologic impacts from the development of the Sunrise Douglas Community Plan were determined in the "Final Master Drainage Study, Sunrise-Douglas" Community Plan Area, Sacramento California" dated October 16, 1998 prepared by the Spink Corporation. The Spink Corporation study was used as a reference to compare existing condition flow volumes, developed condition flow volumes and detention basin volumes at coinciding combination points. Wood Rodgers also prepared an analysis titled "Drainage Study Montelena, Including Sections for Anatolia 1 & 2 Updated Ultimate Conditions and As-Built Facilities Summary" (Montelena Drainage Study) dated September 2007. The Montelena Drainage Study is a compilation of several detailed drainage analysis prepared for the numerous developments within the Sunrise-Douglas Community Plan. The Montelena Drainage Study primarily focused on the Morrison Creek watershed but did include some analysis of impacts to Laguna Creek. The Montelena Drainage Study is the most current analysis available that discusses development impacts to the Morrison Creek and Laguna Creek Watersheds adjacent to and/or within the SunCreek Plan Area.

Since the two drainage studies mentioned above do not provide sufficient detail of the Laguna Creek Watershed analyzed with this Study they are essentially used as references in the preparation of this SunCreek Drainage Study.

2.4 Land Use Changes

The preparation, review and approval of a specific plan is a very long extensive process. As a specific plan goes through the preparation, review and approval process they evolve and under go numerous revisions and changes. The SunCreek Specific Plan is typical of all specific plans going through the review and approval process; it has changed and evolved since the last review of the SunCreek Drainage Study was conducted by Sacramento County Water Resources. Since preparation of the December 2008 draft version of this report the SunCreek Specific Plan has undergone several minor land use changes in response to requirements imposed by various jurisdictional reviewing agencies. A new land use plan has been prepared for the project. While the new land use

plan now exists, a conscientious decision was made to prepare this report using the prior land use plan for the purposes of economy, as it wasn't cost efficient to reflect the relatively minor and insignificant land use changes in this report. These changes in land use, principally relating to the addition of more employment related land uses in favor of low density, medium density and compact density residential land uses. These changes in land uses have only a minor impact on the storm drainage runoff generated by the development project. To review a more detail analysis and discussion about the changes in the SunCreek Plan Area land uses and the impacts to the storm water runoff refer to **Appendix H: Updated Storm Drain Demands.** In fact the findings of Appendix H indicate that the total impervious area of the current land use plan is slightly less than that of the prior land use plan used for analysis in this report. Accordingly, the findings of this report are slightly conservative as compared to those that would have resulted from analyzing the current land use plan.

2.5 Existing Conditions

The SunCreek Plan Area is within the Laguna Creek watershed. The majority of the existing land within the SunCreek Drainage Study area is undeveloped property with approximately a dozen ranch style homes that use their land for dry farming and as grazing land for livestock. The terrain of the SunCreek Drainage Study area is comprised mostly of annual grasslands interspersed with occasional groups of non-native trees, seasonal wetlands and drainages typical of eastern Sacramento County

The SunCreek Drainage Study area can be characterized as rolling terrain with elevations above mean sea level ranging from 100 near Florin Road to 260 at the headwaters of Laguna Creek. The greatest surface relief occurs along Laguna Creek and its tributaries that traverse the SunCreek Drainage Study area, which generally slopes, from the northeast to the southwest. The main drainage feature that occurs within the SunCreek Plan Area is referred to as Kite Creek and is a tributary of Laguna Creek.

A portion of the SunCreek Drainage Study area is adjacent to an existing single-family development called Anatolia III. Anatolia III is a 200-acre subdivision and is the only developed land within the SunCreek Drainage Study Area. Prior to the Anatolia III development, Kite Creek entered the Anatolia III property's eastern boundary and meandered for approximately 3,000 feet through the undeveloped property until it exited the site through the southern boundary. The development of the Anatolia III project realigned the Kite Creek channel to follow the eastern and southern boundary thus allowing for more development to occur. The downstream connection of the realigned Kite Creek channel was constructed several feet below the existing Kite Creek channel flow line elevation. As a result, a backwater condition occurs within the Kiefer Boulevard box culverts and the lower reaches of the Anatolia III channel.

The Morrison Creek watershed is located north of the Laguna Creek watershed. The area adjacent to the SunCreek Plan Area within the Morrison Creek watershed has been developing the last several years. The Montelena Drainage Study states that a portion of the runoff from the 100-year, 24-hour storm occurring in the Morrison Creek watershed spills (Morrison Spill) into the Laguna Creek watershed. The Morrison Spill occurs within an open space preserve area located north of Kiefer Boulevard and east of Sunrise Boulevard. The Morrison Spill traverses through the open space preserve, cross's under Kiefer Boulevard, continues through the SunCreek Plan Area and eventually connects to Kite Creek.

Kite Creek joins Laguna Creek approximately 4,000 feet south of the SunCreek Plan Area boundary. Laguna Creek continues in a southerly direction towards State Route 16 also known as Jackson Road or Jackson Highway. Jackson Highway crosses over Laguna Creek near the lower reaches of the SunCreek Drainage Study area. There are two bridges at this location, which are approximately 300 feet east of the Sunrise Boulevard intersection. The northern bridge (Jackson Highway Bridge - North) is not currently used for vehicular traffic since the reconstruction of Jackson Highway several years ago. The southern bridge (Jackson Highway Bridge - South) spans the Laguna Creek Channel parallel to the north bridge. The two bridges are separated by approximately 37 feet.

Located downstream of the Jackson Highway bridges, Laguna Creek flows under Sunrise Boulevard. The Sunrise Boulevard Bridge is located approximately 450 feet south of the Jackson Highway intersection.

Laguna Creek continues flowing in a westerly direction where approximately 600 feet west of Sunrise Boulevard it crosses over the Folsom South Canal. The Folsom South Canal over crossing is another restriction to the Laguna Creek cross-section. The Folsom South Canal flows under Laguna Creek through an inverted siphon.

After crossing over the Folsom South Canal, Laguna Creek flows through a preserve area on the Triangle Rock Quarry Property. The Triangle Rock Quarry is located west of the Folsom South Canal and north of Florin Road. Laguna Creek flows through the preserve corridor on the Triangle Rock Quarry property in a southerly direction towards Florin Road. Laguna Creek flows under Florin Road at the Triangle Rock Quarry southern boundary and continues to the south. The area located south of Florin Road is the lowest downstream reach analyzed in the SunCreek Drainage Study Area.

2.6 FEMA Information

The most recent Federal Emergency Management Agency's (FEMA) Flood Insurance Study (FIS) Flood Insurance Rate Maps (FIRMs) revised September 30, 1988, situates the SunCreek Plan Area in the unshaded Zone X.

2.7 US Army Corps of Engineers, Section 404 Permitting

The SunCreek Specific Plan is required to secure a Section 404 permit under the Clean Water Act from the United States Army Corps of Engineers. The SunCreek Specific Plan approach to securing the Section 404 permit will be consistent with other large plan areas. The approach will consist of a bundled application consisting of a comprehensive overview of the Specific Plan and its associated infrastructure, a backbone infrastructure permit application and five individual permit applications for the private development projects within the Plan Area. The applications will be completed to enable each development project to proceed, relying on the common infrastructure improvements, but independent of the other development projects.

The SunCreek Specific Plan overall infrastructure plan has been designed to serve the comprehensive needs of the entire Plan Area. A separate backbone infrastructure permit for the backbone roadways, sewer pipelines, water transmission and distribution mains and storm drainage improvements required for any development project within the Plan Area to be able to proceed will be acquired. The City of Rancho Cordova will be the applicant for the backbone infrastructure permit.

The intent of this approach to the Corps of Engineers Section 404 permitting process is to enable the coordinated review of the Specific Plan Area and allow each development project to move forward with construction independent of the other projects once a permit is issued.

2.8 Soils Information

The soil type classification for each drainage sub shed was determined by using the soils survey of California, Sacramento County. Image files from U.S. Department of Agriculture were downloaded from their web site and referenced into the drainage exhibits for both pre and post conditions. The image files were scaled into the overall watershed plats and poly line areas established where the soils classification is identified as either type A, B, C, or D respectively. These areas are used in the SacCalc model for deriving the hydrology. The overall shed is predominately type D soil conditions. In some cases, due to lack of detailed information, sub sheds were assumed as type D soil in their entirety. The Waegell property, for example, an area under study by others and with limited information as to sub shed layout, has been assumed as type D soil for the entire shed area.

2.9 Hydrologic Design Criteria

This Regional Master Drainage Study has been prepared in accordance with the Sacramento County Improvement Standards, Hydrology Standards and Floodplain Management Ordinance, and the requirements of the City of Rancho Cordova.¹

Hydraulics analyses have been performed using version 3.1.3 of the US Army Corps of Engineers HEC-RAS program using the unsteady state routines. Hydrographs were produced by one of the two following methods:

- Sacramento County Hydrologic Calculator, Sac Calc version 1.1 was used to develop drainage runoff hydrographs generated from drainage sheds.
- XPStorm version 10.6.2 was used to further refine various hydrographs by routing through proposed detention basins and pipe networks.

2.10 Hydro-modification Assessment

The County of Sacramento is in the process of renewing their MS 4 Permit with the Regional Water Quality Control Board (RWQCB). The RWQCB has been requiring jurisdictions seeking renewal of their MS 4 Permit to include hydromodification mitigation as a requirement for receiving a renewed MS 4 Permit. Anticipating this new requirement by RWQCB and Sacramento County, the SunCreek Drainage Study includes hydro-modification mitigation measures.

The SunCreek Owners Group retained cbec. Inc to conduct a hydro-modification assessment of the potential hydro-modification impacts of the SunCreek Plan Area on Kite Creek. A complete copy of the cbec Inc. assessment is provided in Appendix A: cbec Hydro-modification Planning Assessment for the SunCreek Specific Plan.

Currently the County of Sacramento does not have standards for determining impacts due to hydro-modification. Therefore as part of the hydro-modification assessment for the SunCreek Plan Area ten hydro-modification criteria and objective standards where developed. These ten hydro-modification criteria and standards are used to evaluate the hydro-modification impacts caused by the SunCreek Plan Area and propose mitigation measures to reduce the impacts to predevelopment levels.

The SunCreek Drainage Study includes a hydro-modification assessment and mitigation plan for the hydro-modification impacts due to the development of the SunCreek Plan Area. The hydro-modification assessment will assess the hydrologic and geomorphic impact of the SunCreek Plan Area relative to existing

¹ References within this master plan to Sacramento County shall be understood to mean "Sacramento County and the City of Rancho Cordova", as appropriate.

conditions on the segments of Kite Creek and the Laguna Creek tributaries that are within the SunCreek Plan Area.

Continuous simulation is emerging as the standard approach for assessing hydro-modification because it takes into account the cumulative effect of geomorphically-significant medium sized events. A continuous simulation model in HEC-RAS (HMS) with a 49-year, 1-hour interval precipitation record was utilized for this analysis. The range of flows that is typically responsible for most channel erosion has been found to be flows that fall between some fraction of the 2-year storm and the 10-year storm.

Typically, three methods, flow duration control, low impact development and instream approaches are used to mitigate the impacts of hydro-modification on a water course. A permanent open space preserve area has been established along the Kite Creek corridor and adjacent grasslands that must be maintained in its current condition throughout the development of the SunCreek Plan Area. Therefore the in-stream approach to mitigate the impacts of hydro-modification can not be implemented or utilized by the SunCreek Plan Area. The low impact development approach requires a home builder to select materials and implement various techniques that improves the storm runoff water quality and also reduces the storm runoff volumes. Since the SunCreek Plan Area is several years from the start of home construction the specific low impact development techniques can not be determined at this time. Therefore, the SunCreek Plan Area will only utilize the flow duration control technique to mitigate the impacts of hydro-modification.

2.11 Hydro-modification Detention Basin Design

The approached utilized by the SunCreek Plan Area to mitigate hydromodification impacts to Kite Creek is to employ flow duration control devices such that the post-development hydro-modification impacts do not exceed the predevelopment hydro-modification impacts to Kite Creek. The SunCreek Plan Area has designed its detention basins too slowly meter out storm runoff such that the release rate meets the hydro-modification criteria and objective standards developed to mitigate for hydro-modification impacts.

The SunCreek Plan Area has designed the detention basins with three separate types of storm water storage components. These separate storm water storage components are stacked on top of each other within the detention basin. The first type of storm water storage is strictly hydro-modification storage; the second component is both hydro-modification storage and storm water storage. This second storage component has its maximum water surface elevation set by the 10-year, 24-hour storm. The third storage component is additional storm water storage and has its maximum water surface elevation set by the 100-year, 24-hour storm.

Each detention basin has a specifically designed outlet control structure that attenuates the storm water runoff to comply with the hydro-modification criteria and objective standards as they apply to the detention basin watershed and the receiving water course. The detention basin outlet control structure detains a portion of the storm runoff generated up to a 100-year, 24-hour event and slowly releases the runoff through a series of varying diameter orifices set at varying elevations. The detention basin outlet control structure has one or more 12-inch or larger diameter orifices set 1.5 feet above the detention basin floor elevation. The first 1.5-feet of storm runoff stored in the detention basin comprises the first type of storm water storage; strictly hydro-modification storage. The storm water within this portion of the detention basin is slowly released out of the detention basin over an extended period of time through a 2-inch diameter orifice set at the same elevation as the detention basin floor. The hydro-modification component in the detention basin is considered a dead storage volume and therefore is not included in the storage volume calculations for storm water detention. The 10year and 100-year detention basin volumes indicated in tables of this study are calculated above the 1.5 foot of dead storage.

As the water surface in the detention basin rises above the 1.5 foot hydro-modification storage component, the storm water runoff release rate is attenuated by the 12-inch and larger diameter orifices. The top of the outlet control structure will be an open grated opening. The opening will be sized to pass the 100-year, 24-hour peak flow rate. Therefore, In the event a storm larger than the 100-year, 24-hour storm occurs or if the outlet control structure orifices malfunction, the rising water level will reach the open top of the structure and then be discharge out of the basin. As a backup to the opening on the top of the outlet control structure a portion of the embankment separating the detention basin from the receiving watercourse will have a spillway that will allow storm runoff to pass through the basin.

Summer Nuisance flows have recently become another area of concern. Summer nuisance flows occur during the dry (summer) season and are mostly generated from the developments residents by over irrigation of landscaping, washing of vehicles and other domestic uses that results in water running off of the development. Ephemeral tributaries that did not typically receive water runoff during the summer could become a perennial tributary due to summer nuisance flows. A component of the Corps of Engineers Conceptual-Level Strategy for the SunCreek Plan Area is to retain the ephemeral nature of the creek system and to minimize the potential for an existing ephemeral tributary becoming a perennial tributary after development occurs in the watershed.

The SunCreek Plan Area has addressed the impacts of summer nuisance flows by retaining the summer nuisance flow runoff within the detention basin. The detention basins are designed as combination water quality basins. The storm drains pipes for each detention basin shed area discharge into a permanent wet water quality basin which treats the development runoff through gravitational

settling and biological processes. During the summer season the summer nuisance flows will assist in maintaining the proper water quality volume within the basin. Excess summer nuisance flows that enter the water quality basin and do not evaporate will enter a percolation trench field through a pipeline network constructed within the detention basin floor. There will be two separate percolation trench fields each sized to percolate 100% of the summer nuisance flows. As a routine maintenance procedure the percolation trench fields will be alternated on a yearly basis. A typical percolation trench for the SunCreek Plan Area is designed as follows:

Typical SunCreek Plan Area Percolation Trench Design

Total SunCreek Plan Area = 1,262 acres

Wetland Preserve Area = 235 acres

Net Developable Area = 1,027 acres

Total No. of Basins = 12

Average Development Area per Basin = 1,027 acre/12 basins = 85.6 acres

Dry Season Flow per Average Basin = 85.6 acres x $0.001525^{(1)}$ AF / Day = 42,533 gallons per day.

Assumed Percolation Rate below hardpan layer of 1-inch / hour (24 inches/day) (1).

Assume 3-ft. wide x 200-ft. long Percolation Trench

Percolation Volume per trench per day = (3-ft x 200-ft x 24-inches per day / 12-inches per ft) x 7.48 gallons per cubic foot = 8,976 gallons per day.

No. of Percolation Trenches required = 42,533gpd / 8,976gpd = 4.73 Trenches.

Therefore, the average basin will include 5 percolation trenches 3-ft. wide x 200-ft. long.

(1) Stormwater Quality Design Manual for the Sacramento and South Placer Regions, dated May 2007, Table DB-2 Dry Weather Design Flows, Residential Basins 34, 63, 69, 132, average flow, page DB-8.

The above calculations for the percolation trenches show that the typical SunCreek Plan Area detention basin can mitigate the summer nuisance flow impacts. During the improvement plan phase more detailed calculations will be required to address the water quality volume, hydro-modification volume, summer nuisance flow volume, outlet control structure design, detailed grading

and landscaping requirements, and together with the detailing of the outlet discharge at the edge of the preserve area.

The combination water quality basins will be constructed below the hydromodification storage component of the detention basin and as such the volume of water within the combination water quality component of the basin is also considered dead storage and is not included in the hydro-modification or storm runoff detention volumes indicated in the tables of this study.

Refer to Exhibit D – Typical Hydro-modification Detention Basin Plan to review a plan view of the typical SunCreek Plan Area detention basin and Exhibit E – Hydro-modification Detention Basin Cross Section to review a cross section view of a typical SunCreek Plan Area detention basin.

3.0 Hydrologic Models

The Regional Master Drainage Study for the SunCreek Specific Plan has been prepared in accordance with the Sacramento City / County Drainage Manual Volume 2: Hydrology Section. This drainage study utilizes a two step modeling process. The hydrology is derived from the Sacramento Hydrological Calculator (SacCalc) as required by the County hydrology standards. The hydrographs derived from SacCalc are incorporated into a HEC-RAS "unsteady state" analysis in order to determine the peak flow and hydraulic grade line. This study has utilized topography that is based on the National Geodetic Vertical Datum of 1929.

3.1 Existing Condition Model

In order to determine the hydrologic impacts of SunCreek Plan Area, an analysis needs to be performed that analyzes the "Existing Conditions" of the SunCreek Drainage Study Area. This Existing Conditions Model will provide a basis for comparison with the various "Developed" models prepared as part of this analysis. The Existing Conditions are defined by the current land uses within the 6,930-acre SunCreek drainage Study Area and the occurrence of the Morrison Spill. The Morrison Spill has a 100-year, 24-hour peak flow of approximately 127 cfs and a 100-year, 10-day peak flow of approximately 243 cfs spilling out of the Morrison Creek Watershed into the Laguna Creek Watershed. The only developed land within the SunCreek Drainage Study Area is a 200-acre subdivision known as Anatolia III. The Anatolia III development is modeled as a completed project while the remainder of the watershed is modeled as undeveloped land.

The Anatolia III development has filled approximately 2,400 feet of the original Kite Creek stream course and routed it around the perimeter of the Anatolia III Project in a trapezoidal cross section channel. The Anatolia III channel intercepts the existing Kite Creek channel at the developments eastern boundary and routes the channel through the Anatolia III development project and reconnects to the existing Kite Creek channel adjacent to the Anatolia III southern boundary. In addition to the on-site channel improvements, the Anatolia III project constructed a water quality basin and an off-channel detention basin. The water quality basin and off-channel detention basin are sized to treat and detain the developed Anatolia III design storm runoff to undeveloped water quality, runoff flow rates and volumes.

The Morrison Spill occurs within an open space preserve area located north of Kiefer Boulevard and east of Sunrise Boulevard. Storm runoff ponds on the east side of Sunrise Boulevard due to the limited carrying capacity of the drainage over-crossings spanning the Folsom South Canal. As the storm runoff ponding depth increases some runoff spills from the Morrison Creek watershed into the Laguna Creek watershed. The hydraulic modeling of the Morrison Spill was first

completed by Wood Rodgers and was reported in their Montelena Drainage Study. The information, in the form of DSS files, was provided for the 100-year 24-hour and 100-year, 10-day analyses. Since the Morrison Spill does not occur until approximately the 50-year, 24-hour storm it was not included in the SunCreek Drainage Study 10-year, 24-hour analysis. The provided DSS files include the Morrison Spill and the tributary flow for the subarea directly north of Kiefer into four existing 36" culverts that cross under Kiefer Boulevard. Therefore, drainage sub areas EX KC10 under existing conditions (See Exhibit D) and subarea KCOS-12 under baseline and regional model conditions (See exhibit E) are not modeled as subareas in the SunCreek Drainage Study 100-year, 24-hour analyses. The SunCreek Drainage Study models the Morrison Spill from the outlet of the existing 36-inch culverts into a minor tributary channel to Kite Creek. This tributary channel crosses under Sunrise Boulevard approximately 600 feet south of the Kiefer Boulevard/Sunrise Boulevard intersection and runs southerly along the west side of Sunrise Boulevard until it crosses under Sunrise Boulevard again and then flows in a southeasterly direction where it finally connects to Kite Creek. This Morrison Spill tributary confluence with Kite Creek is approximately 900 feet upstream of the Kite Creek confluence with Laguna Creek. The Morrison Spill tributary has a limited flow capacity.

A segment of Laguna Creek, north of the Kite Creek confluence is being modeled by Wood Rodgers as part of a future development on the Waegell property called the Arboretum. A HEC-RAS "unsteady state" model was provided by Wood Rodgers that includes the portion of Laguna Creek from it's confluence with Kite Creek easterly and upstream to Kiefer Boulevard. Due to a difference in modeling simulations times between the Wood Rodgers and MacKay & Somps models and discussions with the County of Sacramento, MacKay & Somps incorporated the Wood Rodgers HEC-RAS data file for this segment of Laguna Creek into the MacKay & Somps model and then utilized the flows generated from the MacKay & Somps SacCalc model. This allowed the MacKay & Somps model to run without errors. MacKay & Somps made the following changes to the original Wood Rodgers data files:

- The number of Wood Rodgers interpolated cross sections between stations 62250 and 5400 was reduced by half.
- The flow-line elevation of Wood Rodgers station 180 was lowered from 115.00 to 114.00 in order to conform to the MacKay and Somps flow-line elevation. The interpolated sections between station 180 and the next upstream section were re-interpolated to conform to the adjusted flow-line elevation.
- Reduced the Wood Rodgers total minimum flows and distributed the minimum flow to various station locations.

Refer to Appendix L: SunCreek Drainage Study Area - Existing Conditions Watershed Map to review the map used as the basis for developing the Existing Conditions Model.

The Existing Conditions peak flows at several compliance points are summarized in **Table 3.1: Existing Conditions Peak Flow Rates**.

Table 3.1: Existing Conditions Peak Flow Rates

Compliance	Creek	10-Year,	WSE	100-Yr.,	WSE
•		′		·	
Point	Section	24-hr. Flow	10-year,	24-hour Flow	100-year,
Location	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	1,025	106.29	1,801	106.65
2	36+00	1,036	111.21	1,810	112.61
3	70+00	989	114.29	1,741	115.61
4	76+19	848	114.97	1,501	116.06
5	80+95	848	115.32	1,504	116.33
6	82+00	849	115.83	1,508	117.58
7	112+05	826	118.27	1,518	118.91
8	152+00	402	123.57	669	123.84
9	61+45	N/A	N/A	127	149.16
10	184+50	386	129.09	635	129.49
11	212+00	332	134.30	591	134.76
12		157	205.02	271	205.30
13		138	223.31	234	223.70

Note: Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

The information shown in Table 1 is based on the HEC-RAS "unsteady state" model for existing conditions with the exception of section locations 12 and 13. These points are located along a sub-tributary to Laguna Creek. The HEC-RAS model received from Wood Rogers did not extend up to the limits of where this sub tributary line would drain into Laguna Creek. It is anticipated with the future development of the Cordova Hills site, located northeast of SunCreek, that a detailed HEC-RAS analysis will be compiled that will include this portion of Laguna Creek. At that time a more detailed analysis can be compiled. For the purposes of this study, the information shown for Compliance Points 12 and 13 are based on a normal depth calculation using the flows derived from SacCalc. These results shown should be conservative since no affects for attenuation are considered.

Refer to The Existing Conditions Model identified several undesirable impacts occur to the existing infrastructure within the SunCreek Drainage Study Area. The Existing Condition Model impacts are as follows:

 Due to the grade differences at the downstream end of the Anatolia III Channel and Kiefer Boulevard Box Culverts, a backwater condition occurs within the box culverts and the lower reaches of the Anatolia III channel. Also, the existing Kite Creek channel downstream of Kiefer Boulevard box culverts will most likely erode until the invert of the natural stream course no longer causes a backwater effect, a condition that needs to be avoided. This condition can be corrected by re-grading the Anatolia III channel bottom with less channel slope such that the channel bottom elevation matches the existing downstream Kite Creek low flow channel elevation. This would reduce the Anatolia III channel slope from approximately 0.0027 to approximately 0.0014. The channel velocities would reduce and the water surface would increase but remain within the channel banks.

- During the 100-year, 24-hour storm, the Jackson Highway Bridge (North) creates a backwater condition upstream of the structure. This backwater condition causes ponding to occur north of Jackson Highway and east of Sunrise Boulevard. The backwater condition floods the field north of the Highway and encroaches near the Jackson Highway shoulder but maintains more than 1' freeboard at a sag location several hundred feet to the east of the Laguna Creek channel and Jackson Highway Bridge.
- During the 100-year, 24-hour storm, the Sunrise Boulevard Bridge is overtopped based on the models sectional dimensions. Since the storm runoff is constrained from passing under Sunrise Boulevard the storm runoff floods the field east the roadway and eventually reaches a depth that overtops Sunrise Boulevard. The overtopping occurs for approximately 7 hours with a flow width of 436 feet and a maximum flow depth a little less than 1 foot.
- Due to several conveyance constraints, Florin Road bridge and Folsom Canal Over-crossing, within the lower reaches Laguna Creek a backwater condition causes ponding to occur upstream of the Folsom Canal Overcrossing. The area of land situated between the Folsom Canal over-crossing and Sunrise bridge floods due to these constraints.
- Associates to perform a detailed study of the existing flooding problem at Sunrise Boulevard and Laguna Creek. The West Yost study (dated January 5, 2010) was commissioned to determine the appropriate solution to this existing flooding problem. The West Yost study found that raising the bridge and roadway above the 100-year water surface elevation appears to be a feasible approach for protecting the road. Refer to Appendix I: Summary of Sunrise Boulevard Flood Protection Study to review the West Yost findings.

It is interesting to note that development of SunCreek Plan Area does not exacerbate the existing flooding problem south of Jackson Road and at the Sunrise Boulevard crossing of Laguna Creek. Any increases in peak flows

that result from development of the SunCreek Plan Area are mitigated through the use of on-site detention basins, with the peak flows after development being equal to or less than existing flows downstream of the SunCreek Plan Area project.

Accordingly, post-development flows from the SunCreek Plan Area neither increase depth of flooding nor significantly increase the duration of flooding that currently exists at Sunrise Boulevard. Additional studies may be required by the County during project implementation (including evaluating the volume related increase impacts associated development of the SunCreek Specific Plan Area on the downstream creek system).

3.2 Developed Conditions Model

The Developed Conditions Model is based on a fully developed SunCreek Drainage Study Area. This model utilized the existing conditions model as a starting point and added in the SunCreek Plan Area land use plan. The SunCreek Plan Area is modeled without peak flow attenuation. The Anatolia III development was modeled the same as the existing conditions model (developed) with its current channel, water quality and detention basins remaining in place. The remainder of the watershed is also be modeled the same as the existing conditions model (undeveloped).

The Developed Conditions peak flows are summarized in **Table 3.2: Developed Conditions Peak Flows**.

Table 3.2: Developed Conditions Peak Flows

		4034	14/0=	400.14	14.05
Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	1,292	106.42	2,076	106.52
2	36+00	1,306	111.43	2,086	112.47
3	70+00	1,244	114.79	1,957	115.89
4	76+19	1,040	115.31	1,607	116.40
5	80+95	1,045	115.66	1,607	116.62
6	82+00	1,048	116.52	1,607	118.14
7	112+05	1,050	118.50	1,773	119.08
8	152+00	700	123.88	1,155	124.18
9	61+45	N/A	N/A	127	149.16
10	184+50	600	129.66	994	130.21
11	212+00	499	134.93	835	136.53
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter

pipeline in Kiefer Boulevard,

The results of the Developed Conditions Model confirm that a fully developed SunCreek Specific Plan Area generates peak flow storm runoff rates well above the Existing Conditions Model peak flow storm runoff rates. Therefore, in order for the SunCreek Specific Plan Area to develop it is desirable that the peak flow storm runoff rates be attenuated to be equal to or less than the Existing Conditions peak flow storm runoff rates.

3.3 Baseline Conditions Model

The Baseline Conditions Model is based on a fully developed SunCreek Plan Area. This model utilized the existing conditions model as a starting point and added in the SunCreek Plan Area.

The SunCreek Plan Area development has been divided into twelve separate drainage shed areas. Each one of these drainage shed areas have a detention basin designed based on the land uses, grading, boundary conditions and the receiving water courses characteristics. Each detention basin shed area is designed so the entire shed area drains either through a network of storm drain pipelines or by overland flow to the detention basin. Refer to **Appendix O: Contour Grading Plan Map** to review schematic contour grading plan of the SunCreek Specific Plan.

The Anatolia III development was modeled the same as the existing conditions model (developed). The remainder of the watershed will also be modeled the same as the existing conditions model (undeveloped).

This model includes the SunCreek Plan Area water quality and detention basins sized such that the flow rates exiting the SunCreek Plan Area boundaries does not exceed the existing conditions flow rates. XPStorm has been incorporated to analyze the detention basins. This modeling was accomplished by taking the flows derived from SacCalc importing them into XPStorm to analyze the detention basins. The XPStorm detention basin results were then imported into the HEC-RAS "unsteady state" model. The detention basins were analyzed for the 10-year, 24-hour and the 100-year, 24-hour storms for Basins 2 through 12.

Detention Basin No. 1 is within drainage sub-shed LCDV-01 and is comprised of 88.4+/- acres of development within the Plan Area. Drainage sub-shed LCDV-01 is the only SunCreek Plan Area sub-shed area that drains directly to Laguna Creek instead of Kite Creek. Detention Basin No. 1 serving sub-shed LCDV-01 has been modeled only in SacCalc due to the limits of the HEC-RAS data does not extend to the junction point where this basin and sub-shed area connect to Laguna Creek. Therefore, Detention Basin No. 1 was sized such that the resultant peak flow at Kiefer Boulevard just north of Blodgett Reservoir does not exceed the existing conditions peak flow.

The Morrison Spill is passed under Kiefer Boulevard by four 36-inch culverts. To minimize the impact to the SunCreek Project Area, the Morrison Spill will be

intercepted at the Kiefer Boulevard culverts and routed around the Project. To accomplish the rerouting of the Morrison Spill a junction structure located in-line with the four 36-inch culverts under Kiefer Boulevard will intercept these flows. A 72-inch diameter pipe will connect the junction structure to a new outlet structure constructed adjacent to the existing Kiefer Boulevard box culverts built with the Anatolia III Project. The 72-inch diameter pipeline is sized to convey the higher peak flow of 243 +/- cfs generated by the 100-year, 10-day storm rather than the peak flow rate of 127 +/- cfs generated by the 100-year, 24-hour storm. The velocity energy will be dissipated in the new outlet structure before the flow enters the preserve/open space area and Kite Creek. To review a schematic design of the Morrison Spill Pipeline refer to Appendix D: Schematic Design of Morrison Spill Pipeline.

Since the Morrison Spill is coming from the adjacent Morrison Creek watershed through existing water quality and detention basins by way of overland flow into the Laguna Creek watershed, the SunCreek Drainage Study treats the Morrison Spill as an existing condition flow. Therefore, the Morrison Spill flows do not require additional water quality treatment or detention within the SunCreek Plan Area. As discussed, the Morrison Spill will be conveyed through a proposed pipe system along Kiefer Boulevard and outfall into Kite Creek. Under existing conditions the Morrison Spill connects to Kite Creek approximately 1,600 feet south of the SunCreek southern boundary. A direct comparison between the Existing Conditions Model and Baseline Conditions Model at the SunCreek southern boundary is not possible; therefore the next downstream compliance point is used to compare the Existing Conditions flow rates with the Baseline Conditions flow rates.

The 102.3+/- acre Open Space Preserve (Sub-shed KCOS-05) located east of Rancho Cordova Parkway and north of the SunCreek Plan Area has been modeled in a similar fashion as the Morrison Spill. The storm related runoff from this sub-shed is from an undeveloped open space area and does not require water quality treatment or detention within the SunCreek Plan Area. The runoff from sub-shed KCOS-05 naturally drains towards the northeast corner of the Rancho Cordova Parkway-North Campus Drive intersection. An inlet structure will be constructed at this location and the storm runoff from sub-shed KCOS-05 is routed through a 48-inch diameter pipe located in Rancho Cordova Parkway. The 48-inch diameter pipeline is sized to convey the higher peak flow of 84 +/cfs generated by the 100-year, 24-hour storm rather than the peak flow rate of 50 +/- cfs generated by the 100-year, 10-day storm. The 48-inch pipeline will follow Rancho Cordova Parkway to the south where it drops into a 72-inch diameter The drop into the 72-inch diameter pipeline will help to dissipate the velocity energy generated in the 48-inch pipeline before discharging into the preserve/open space area just upstream of the Rancho Cordova Parkway box Additional energy dissipation measures prior may be needed to discharge into the preserve/open space to prevent erosion of the streambed.

There are three upstream undeveloped off-site areas that drain into the SunCreek Plan Area. Two of these off-site areas are within the boundaries of "The Preserve Project" located north of North Campus Drive. upstream off-site area is located at the south east corner of Rancho Cordova Parkway and Kiefer Boulevard. This drainage study assumes that these three upstream off-site areas are developed. A portion of the runoff generated during a storm is collected in a pipeline system with the remaining runoff draining overland to the downstream SunCreek Plan Area detention basin. Therefore, these three upstream off-site areas are included in the sizing of the appropriate downstream SunCreek Plan Area Hydro-modification Detention Basin. Appendix E: Stand-Alone Detention Basin Alternative to review the design assumptions and results of having these three upstream offsite areas being directly connected to the open space preserve area. The Stand-Alone Detention Basin Alternative allows the upstream areas to develop there own detention strategy and also determines the fair share contribution to the sizing of the SunCreek Plan Area Hydro-modification Detention Basins should it be decided that they ultimately get connected into the SunCreek drainage infrastructure.

Kite Creek sub-shed KCOS-03A is a 168.5+/- acre off-site area located north of Chrysanthy Boulevard has been modeled as unimproved land (Existing Conditions). This sub-shed area has been routed through the SunCreek Project in a dedicated 60-inch diameter pipeline that is connected to the preserve/open space area near the intersection of Americanos Boulevard and North Campus Drive. A majority of sub-shed KCOS-03A is currently planned to be developed as the Arista Del Sol subdivision. The Arista Del Sol development will be responsible to provide water quality treatment, peak flow attenuation and hydromodification mitigation to meet the developments needs. The 60-inch diameter pipeline extended through the SunCreek Plan Area to the Arista Del Sol project is sized to convey the undeveloped 100-year, 24-hour runoff flow rate.

Laguna Creek sub-shed LCDV-00 is a 559.6+/- acre off-site area located north of Chrysanthy Boulevard has been modeled as an unimproved land (Existing Conditions). This sub-shed area has been routed around the SunCreek Project in an open trapezoidal channel. The channel follows the SunCreek Plan Area's eastern boundary adjacent to Grant Line Road, then turns west and follows the southern SunCreek Plan Area's southern boundary where it reconnects to a tributary of Laguna Creek.

The Arboretum project located south of the SunCreek Plan Area has been modeled based on the information provided in the report prepared by Wood Rodgers, Inc. titled "Waegell Property Hydro-modification Design Memorandum" dated September 21, 2007. A HEC-HMS model was compiled as a part of this report. The input parameters used in the Wood Rodgers analysis, were incorporated into the SunCreek Drainage Study SacCalc models. Additional information necessary for the SunCreek Drainage Study but not included in the Wood Rodgers analysis was assumed or estimated. The soils type for this area

has been assumed, conservatively, as Type D for this entire shed. The junction points along Laguna Creek where sub-sheds within the Waegell property connect had to be scaled based on the routing information provided in the Wood Rodgers HEC-HMS model.

The roadways within the SunCreek Plan Area cross Kite Creek at several locations. To comply with the US Corps of Engineers requirements, open bottom roadway crossings have been incorporated into the Baseline Conditions Model. There are three roadway crossings and one multi-use trail crossing of Kite Creek proposed within the SunCreek Plan Area. To maintain the channel velocities as close as possible to the Existing Conditions channel velocities each of the channel crossing have been modeled with twin Con-Span Bridges. The Con-Span Bridges consist of one 8-ft. high by 20-ft. wide span and one 5-ft. high by 20-ft. wide span set at the same elevation and the higher span bridge set deeper over the low flow channel.

Refer to Appendix M: SunCreek Drainage Study Area - Baseline Conditions Watershed Map to review the map entire drainage study area used as the basis for developing the Baseline Conditions Model. To see a smaller scale map of just the SunCreek Plan Area used for developing the Baseline Conditions Model refer to Appendix N: SunCreek Specific Plan Area - Baseline Conditions Water Shed Map.

The Baseline Conditions peak flows at the compliance points are summarized in **Table 3.3.0: Baseline Conditions Peak Flow Rates**.

Table 3.3.0: Baseline Conditions Peak Flow Rates

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	low 10-year, 24-hr. Flow		100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,737	106.41
2	36+00	N/A	N/A	1,740	112.03
3	70+00	N/A	N/A	1,632	115.43
4	76+19	808	114.95	1,354	115.84
5	80+95	809	115.27	1,354	116.13
6	82+00	811	115.86	1,354	117.43
7	112+05	763	118.20	1,321	118.77
8	152+00	372	123.55	631	123.83
9	61+45	N/A	N/A	127	149.16
10	184+50	293	129.02	512	129.49
11	212+00	216	133.59	347	134.24
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard.

The Baseline Conditions Model identified several undesirable impacts occur to the existing infrastructure within the SunCreek Drainage Study Area. To mitigate for these undesirable impacts the following infrastructure improvements need to occur:

To mitigate for the impacts to water quality and increased runoff flow rates, detention basins need to be constructed to provide water quality treatment and detention storage to reduce the developed runoff flow rates to undeveloped runoff flow rates. The detention basins are designed with a water quality component. The water quality component is designed as a wet basin with a minimum depth of four feet. The water quality component of the detention basin is considered dead storage volume and therefore is not included in the detention storage volume calculations.

Refer to Table 3.3.1: SunCreek Baseline Conditions Detention Basin Volumes to review the detention basin storage volumes and water surface elevations.

Table 3.3.1: SunCreek Baseline Conditions Detention Basin Volumes

Basin	Basin	Basin	Water	Volume	Water	Volume	Water
No.	Floor	Foot-	Quality	10-Year	Surface	100-Yr.	Surface
	Elev.	print	Volume	24-Hr.	Elev.	10-Day	Elev.
		Area	(AF)	(AF)	10-Yr.	(AF)	100-Yr.
		(Ac.)			24-Hr.		10-Day
1	207.0	2.22	2.5	4.6	212.05	6.7*	213.52
2	169.5	4.30	3.4	13.8	174.98	21.6	176.96
3	169.5	4.60	2.2	11.5	173.78	21.3	176.77
4	156.0	6.19	3.8	18.8	161.11	28.4	163.14
5	157.5	9.43	5.7	27.7	161.53	42.0	163.40
6	148.5	4.63	3.0	14.1	153.62	21.8	155.91
7	136.5	2.56	1.5	6.6	141.54	9.2*	143.08*
8	134.5	5.26	3.6	16.9	139.80	26.6	142.28
9	127.0	3.99	2.3	10.9	131.69	16.8	133.77
10	126.0	2.47	1.9	6.3	131.17	9.2*	133.02*
11	130.0	0.69	0.4	1.1	134.85	1.7*	136.45*
12	126.0	4.30	2.7	11.5	130.38	16.6	131.96
Totals		50.64	32.9	143.8		221.9	

Notes:

- 1) Basin locations can be found on the SunCreek Specific Plan Area Baseline Conditions Watershed Map. See Appendix L.
- 2) Basin footprint area is calculated from the basin floor elevation, with 5:1 side slopes to the top of slope. The top of slope is set at 1.5 ft. above the max. water surface elevation. Area also includes a 20-foot perimeter road.
- 3) *Denotes that the volume and water surface are controlled by the 100-yr., 24-hr. storm.
- 4) Basin volumes indicated include the 1.5-ft of dead storage volume referred to as strictly hydro-modification storage.
- 5) Water Quality Basins sizes are based on combination basins, 12-hour drawdown and shed area average imperviousness of 60%.

• Each detention basin includes an outlet control structure designed to attenuate the release rates so they match the predevelopment flow rates for the same sized drainage shed area. The SunCreek Plan Area developed release rates are throttled down to predevelopment release rates by an appropriately sized orifice. The orifice is configured on the side of a concrete box structure which is connected to discharge pipes sized to convey up to the 100-yr, 24-hr. flow rate. The detention basin discharge pipes connect the outlet structure to an energy dissipation structure located adjacent to the open space preserve area. The energy dissipation structure reestablishes the storm runoff to sheet flow prior discharging to the open space preserve area. (Note: A few detention basins are connected to Kite Creek by a pipeline that discharges at a planned or existing Kite Creek crossing).

Refer to Table 3.3.2: SunCreek Baseline Conditions Detention Basins Discharge Flow Rates to review the maximum detention basin discharge rates and the detention basin outlet structure orifice and outlet pipe configurations.

Table 3.3.2: SunCreek Baseline Conditions Detention Basin Discharge Flow Rates

Basin	No. of Orifice's	No. of Outlet	10-Yr., 24-Hour	100-Yr., 24-Hr.
No.	& Diameter	Pipes & Dia.	Flow (cfs)	Flow (cfs)
1	2 - 18"	3 - 24"	26	34
2	1 - 21"	2 - 24"	17	24
3	1 - 12"	1 - 24"	5	7
4	1 - 21"	2 - 24"	14	23
5	4 - 12"	2 - 24"	20	27
6	2 - 12"	2 - 24"	13	17
7	2 - 12"	1 - 30"	11	14
8	1 - 21"	2 - 24"	16	22
9	1 - 15"	1 - 24"	9	12
10	2 - 12"	2 - 24"	13	17
11	1 - 12"	1 - 24"	5	7
12	3 - 12"	2 - 24"	16	20

 Since the SunCreek Plan Area is required to provide water quality treatment and maintain the Project's runoff flows to existing undeveloped flow rates at the Plan Area Boundary, which is accomplished with the SunCreek Detention Basin, all peak flow and hydromodification impacts to the existing off-site infrastructure have been mitigated.

The SunCreek Plan Area detention basins are designed to be utilized only as drainage infrastructure improvements with some enhancements that make them visually appealing. Detention Basin No. 5 is located on the Community Park Site

and is the largest detention basin within the SunCreek Specific Plan Area. As an alternative to encumbering the Community Park Site with a large detention basin that does not provide any other uses for a majority of the year, an alternative design was prepared for Detention Basin No. 5. This alternative design allows for the portion of the detention basin that is above the 10-year, 24-hour, hydromodification water surface elevation to have joint use capabilities so it can function as a detention basin and a Community Park. Refer to **Appendix F: Community Park Detention Basin Alternative** to review the design assumptions, details and results of this analysis.

The Shalako property is located at the southwestern corner of the SunCreek Plan Area. The Shalako property is divided into two segments by Kite Creek and its associated open space preserve area. The existing topography of western segment of the Shalako property naturally slopes towards its southern boundary. The Shalako property southern property line is a common property line with the Arboretum Project. The Shalako project requires the existing topography along its southern property line to be filled with embankment material in order for the development to capture, treat, attenuate and direct the storm runoff to Detention Basin No. 12. The Arboretum Project can not accept a large slope embankment encroaching into its development. Therefore as an alternative design solution has been analyzed on how to reach and acceptable grading solution along the common project boundary while still being able capture, treat and attenuate the Shalako property storm runoff. Refer to Appendix G: Shalako Detention Basin Alternative to review the design assumptions, details and results of this analysis.

3.4 Anatolia III Modeling Alternatives

The Anatolia III development project based the design of their drainage system on a now outdated drainage study originally prepared for the Sunrise Douglas Community Plan Area titled "Final Master Drainage Study, Sunrise Douglas Community Plan Area, Sacramento County" dated October 16, 1998 prepared by The Spink Corporation. The Anatolia III development project based the drainage system design on the drainage standards and practices in use at the time the Project was being designed. The general approach of the Sunrise Douglas Community Plan Drainage Study was to use large in-stream community sized detentions basins to reduce the peak development runoff flow rates to predevelopment flow rates.

The Sunrise Douglas Community Plan Drainage Study located three in-stream community detention basins within the SunCreek Specific Plan Area to mitigate for the development in this portion of the Sunrise Douglas Community Plan Area. One Sunrise Douglas in-stream detention basin was proposed to be located at the southern SunCreek Plan Area boundary within the preserve area and another in-stream detention was proposed to be placed within the SunCreek preserve area just east of Rancho Cordova Parkway.

Sunrise Douglas Community Plan prepared a Conceptual-Level Strategy for Avoiding, Minimizing & Preserving Aquatic Resource Habitat with the United States Army Corps of Engineers (Conceptual-Level Strategy). The Corps of Engineers Conceptual-Level Strategy requires the formation of a permanent open space preserve area to protect the sensitive aquatic habitat and species. This open space preserve area includes the areas where the above mentioned Sunrise Douglas in-stream community detention basins were proposed to be built. Conditions placed on the open space preserve area make it infeasible to construct an in-stream detention basin at the SunCreek Specific Plan southern boundary.

The Anatolia III project drainage design and construction was based on the assumption that some of the proposed Anatolia III drainage improvements would be interim improvements until such time that downstream off-site improvements can be feasibly implemented.

Therefore, as requested by the City of Rancho Cordova and the County of Sacramento, several drainage scenarios where developed during the preparation of this study that would remove the interim drainage improvements from the Anatolia III project and incorporated into the drainage infrastructure improvements within the SunCreek Specific Plan area. These scenarios were reviewed for viability and four were found to be feasible for studying. The four separate drainage scenarios were then subjected to hydraulic and hydrology modeling.

3.4.1 Anatolia III – Alternative 'A' Model

This model uses the Baseline Conditions Model as a starting point and is modified in order to analyze impacts to the SunCreek Drainage Study Area that are the result of removing portions of the existing Anatolia III drainage infrastructure. This alternative removes the existing Anatolia III detention basin from the model. Since the Anatolia III development would be discharging post development storm runoff directly into Kite Creek, the SunCreek Plan Area detention basin volumes were increased in size to sufficiently offset the increase in storm runoff from the Anatolia III development in order to maintain flow rates at the SunCreek Plan Area southern boundary to Existing Conditions flow rates. Refer to Alternative 'A' in Appendix C: Schematic Designs of Anatolia III -Alternative 'A' thru 'D' to review the revised Anatolia III drainage infrastructure The 10-year, 24-hr storm runoff from the associated with this alternative. Anatolia III development will discharge into the existing Anatolia III water quality basin and then release into Kite Creek through the existing Kiefer Boulevard box culverts. Runoff from the 100-yr, 24-hr storm will spill directly into Kite Creek at the Kiefer Boulevard box culvert location.

Refer to Table 3.4.1.0: Anatolia III - Alternative 'A', Peak Flows to review the peak flows for this alternative.

Table 3.4.1.0: Anatolia III - Alternative 'A', Peak Flows

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,702	106.40
2	36+00	N/A	N/A	1,707	111.99
3	70+00	N/A	N/A	1,575	115.35
4	76+19	773	114.88	1,247	115.74
5	80+95	774	115.20	1,281	116.03
6	82+00	779	115.85	1,283	117.35
7	112+05	727	118.16	1,266	118.73
8	152+00	374	123.56	631	123.83
9	61+45	N/A	N/A	127	149.16
10	184+50	317	129.07	543	129.54
11	212+00	186	133.44	310	134.07
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

The above listed peak flow rates are based on changes made to the SunCreek Plan Area detention basins. The SunCreek Plan Area detention basins had to be increased in size and the peak flow release rates out of the detention basin needed to be reduced to account for the direct discharge of the Anatolia III runoff into Kite Creek.

Refer to Table 3.4.1.1: Anatolia III - Alternative 'A', Detention Basin Volumes to review the revised detention basin volumes requirements to mitigate for this alternative.

²⁾ Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

Table 3.4.1.1: Anatolia III - Alternative 'A', Detention Basin Volumes

Basin	Basin	Basin	Water	Volume	Water	Volume	Water
No.	Floor	Foot-	Quality	10-Year	Surface	100-Yr.	Surface
	Elev.	print	Volume	24-Hr.	Elev.	10-Day	Elev.
		Area	(AF)	(AF)	10-Yr.	(AF)	100-Yr.
		(Ac.)			24-Hr.		10-Day
1	207.0	2.22	2.5	4.6	212.05	6.7*	213.52*
2	169.5	4.72	3.4	15.0	174.92	23.4	177.36
3	169.5	4.79	2.2	11.5	173.55	19.5	175.67
4	156.5	6.55	3.8	20.1	161.15	31.4	163.41
5	157.5	10.22	5.7	31.2	161.71	50.5	164.03
6	148.5	6.69	3.0	19.2	152.79	30.5	154.97
7	136.5	2.78	1.5	7.3	141.48	10.2*	143.00*
8	134.5	5.73	3.6	18.5	139.78	29.7	142.34
9	127.0	4.54	2.3	12.4	131.59	20.2	133.95
10	126.0	2.95	1.9	7.8	131.19	12.1	133.35
11	130.0	0.90	0.4	1.2	134.61	1.8*	136.08*
12	126.0	5.03	2.7	15.3	130.37	21.2*	132.33
Totals		57.42	32.9	164.1		257.2	

Notes:

Refer to Table 3.4.1.2: Anatolia III - Alternative 'A', Detention Basin Discharge Flow Rates to review the maximum detention basin discharge rates and the detention basin outlet structure orifice and outlet pipe configurations for this alternative.

¹⁾ Basin locations can be found on the SunCreek Specific Plan Area - Baseline Conditions Watershed Map. See Appendix L.

²⁾ Basin area is calculated from the basin bottom elevation, with 5:1 side slopes to the top of slope. Top of slope is set 1.5 ft above the max. water surface. Area also includes a 20-foot perimeter road.

^{3) *}Denotes that volume and water surface elevation are controlled by the 100-yr, 24-hr. storm.

⁴⁾ Basin volumes indicated include the 1.5-ft of dead storage volume referred to as strictly hydro-modification storage.

⁵⁾ Water Quality Basins sizes are based on combination basins, 12-hour drawdown and shed area average imperviousness of 60%.

Table 3.4.1.2: Anatolia III - Alternative 'A', Detention Basin Discharge Flow Rates

Basin	No. of Orifice's	No. of Outlet	10-Yr., 24-Hour	100-Yr., 24-Hr.
No.	& Diameter	Pipes & Dia.	Flow (cfs)	Flow (cfs)
1	2 - 18"	3 - 24"	26	34
2	1 – 18"	2 - 24"	14	19
3	1 – 12"	1 - 24"	5	7
4	1 – 18"	2 - 24"	11	16
5	2 – 15"	2 - 24"	12	18
6	1 – 15"	1 - 24"	8	11
7	1 – 15"	1 - 30"	9	. 11
8	1 – 18"	2 - 24"	12	16
9	1 – 12"	1 - 24"	6	8
10	1 – 15"	1 - 24"	9	13
11	1 – 12"	1 - 24"	5	7
12	2 - 12"	2 - 24"	11	14

The relocation of the Anatolia III detention basins to the SunCreek Plan Area allows the Anatolia III Project to reclaim 29 single family lots.

The SunCreek Plan Area loses 6.78 acres of development area due to the increase in detention basin area that is necessary to accommodate Anatolia III – Alternative 'A'.

3.4.2 Anatolia III – Alternative 'B' Model

This model uses the Anatolia III - Alternative 'A' model as a starting point. The model has been revised to determine channel and culvert sizing requirements for relocating a portion of the existing on-site Anatolia III channel to the southern right-of-way of Kiefer Boulevard. Similar to the Alternative 'A' model, the 10-year, 24-hour runoff from the Anatolia III development will discharge into the existing Anatolia III water quality basin and then release into Kite Creek through the existing Kiefer Boulevard box culverts. Runoff from the 100-year, 24-hour storm will spill directly into Kite Creek at the Kiefer Boulevard box culvert location. The Anatolia III channel would be directed to the south side of Kiefer Boulevard through a new box culvert built approximately 400 feet west of the Kiefer Boulevard/Rancho Cordova Parkway Intersection. The channel would turn to the west and follow Kiefer Boulevard passing through another box culvert that provides access to the Shalako development and then connects to Kite Creek.

Refer to Table 3.4.2: Anatolia III - Alternative 'B', Peak Flow Rates to review the peak flows for this alternative.

Table 3.4.2: Anatolia III - Alternative 'B', Peak Flow Rates

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,688	106.43
2	36+00	N/A	N/A	1,692	112.40
3	70+00	N/A	N/A	1,568	115.36
4	76+19	740	114.79	1,252	115.74
5	80+95	741	115.12	1,271	116.07
6	82+00	744	115.87	1,276	117.29
7	112+05	699	118.13	1,263	118.73
8	152+00	372	123.56	627	123.83
9	61+45	N/A	N/A	127	149.16
10	184+50	319	129.03	544	129.43
11	212+00	183	134.65	309	134.15
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

The above listed peak flow rates are based on the relocation of the Anatolia III storm water detention basin and a portion of the Anatolia III drainage channel to the Kiefer Boulevard southern right-of-way. The relocation of the Anatolia III detention basin and channel to the SunCreek Plan Area allows the Anatolia III Project to reclaim 42 single family lots. Refer to Alternative 'B' in Appendix C: Schematic Designs of Anatolia III – Alternative 'A' thru 'D' to review the revised Anatolia III drainage infrastructure associated with this alternative.

The relocation of the Anatolia III channel to the SunCreek Plan Area requires 3.60 acres of development land within the SunCreek Plan Area. These 3.60 acres are in addition to the 6.78 acres required to accommodate larger detention basins associated with Alternative 'A'. Therefore, relocating the Anatolia III storm water detention and channel to the SunCreek Plan Area allows the Anatolia III Project to reclaim 42 single family lots. The SunCreek Plan Area loses 10.38 acres of development area to accommodate this Alternative.

3.4.3 Anatolia III – Alternative 'C' Model

This is an unsteady flow HEC-RAS model of the entire watershed above Florin Road. This model will use the Anatolia III - Alternative 'A' Model as a starting point. The model will be revised to model the both the existing on-site Anatolia III detention basin and channel completely removed from the Anatolia III

²⁾ Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

development allowing for the detention basin and channel to be filled and developed. The SunCreek Plan Area detention basins will be increased in size to account for the loss of the Anatolia III detention basin. The Anatolia III channel will be relocated to the east of Rancho Cordova Parkway graded to drain to the south under Kiefer Blvd. than turn to the west, cross under Rancho Cordova Parkway and run parallel along the southern Kiefer Blvd. right-of-way and connecting to the open space preserve. The 10-year, 24-hr runoff from the Anatolia III development will discharge into the existing Anatolia III water quality basin and then release in to Kite Creek through the existing Kiefer Blvd. box culverts. Runoff from the 100-yr, 24-hr storm will spill directly into Kite Creek at the Kiefer Blvd. box culvert location. The relocated channel will require three new box culverts. Assumed size of the new proposed culverts are the same as the existing Anatolia III box culverts (twin 8-ft high by 10-ft. wide boxes). This assumption is based on the existing Anatolia III box culverts are sized to pass the existing conditions flow.

Refer to Alternative 'C' in Appendix C: Schematic Designs of Anatolia III – Alternative 'A' thru 'D' to review the revised Anatolia III drainage infrastructure associated with this alternative.

Refer to Table 3.4.3: Anatolia III - Alternative 'C', Peak Flow Rates to review the peak flows for this alternative.

Table 3.4.3: Anatolia III - Alternative 'C', Peak Flow Rates

				1 1 2 2 3 2	
Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,675	106.39
2	36+00	N/A	N/A	1,677	112.37
3	70+00	N/A	N/A	1,574	115.37
4	76+19	776	114.89	1,320	115.77
5	80+95	777	115.21	1,320	116.07
6	82+00	782	115.85	1,320	117.39
7	112+05	734	118.16	1,312	118.76
8	152+00	376	123.56	525	123.75
9	61+45	N/A	N/A	127	149.16
10	184+50	316	128.07	407	129.28
11	212+00	187	133.67	304	135.35
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

The above listed peak flow rates are based on changes made to the SunCreek Plan Area drainage infrastructure and rerouting Kite Creek around the Anatolia III development. The relocation of the Anatolia III channel to the SunCreek Plan Area requires 5.30 acres of development land within the SunCreek Plan Area and 1.10 acres of land within the Arboretum Project.

The impacts due to the loss of the Anatolia III detention basin are the same as the impacts discussed in Anatolia III – Alternative 'A'. The SunCreek Plan Area losses 6.78 acres of development area due to the increase in detention basin area that is necessary to accommodate the removal of the Anatolia III detention basin.

The relocation of the Anatolia III drainage channel and detention basin allows for 42 single family lots to be reclaimed while the SunCreek Plan Area loses 12.08 acres and the Arboretum Project loses 1.10 acres of development land.

3.4.4 Anatolia III – Alternative 'D' Model

This is an unsteady flow HEC-RAS model of the entire watershed above Florin Road. This model will use the Baseline Conditions Model with Anatolia III-Alternative C as a starting point. The model will be revised to replace the Anatolia III channel will with twin 72-inch culverts. The twin 72-inch culverts intercept the runoff east of Rancho Cordova Parkway at the current twin 8-x10 culverts location. The twin 72-inch pipelines route the storm runoff south to Kiefer Blvd. then west under Kiefer Blvd to the existing 8x10 box culverts located in Kiefer Blvd. where the runoff then enters the open space preserve. The 10-year, 24-hr runoff from the Anatolia III development will discharge into the existing Anatolia III water quality basin and then release in to Kite Creek through the existing Kiefer Blvd. box culverts. Runoff from the 100-yr, 24-hr storm will spill directly into Kite Creek at the Kiefer Blvd. box culvert location. Similar to Anatolia III - Alternatives 'A', 'B' and 'C', the SunCreek detention basins will need to be sized such that the flow rates exiting the SunCreek project boundaries does not exceed the existing conditions flow rates.

Refer to Alternative 'D' in Appendix C: Schematic Designs of Anatolia III – Alternative 'A' thru 'D' to review the revised Anatolia III drainage infrastructure associated with this alternative

Refer to Table 3.4.4: Anatolia III - Alternative 'D', Peak Flow Rates to review the peak flows for this alternative.

Table 3.4.4: Anatolia III - Alternative 'D', Peak Flow Rates

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,685	106.39
2	36+00	N/A	N/A	1,689	112.39
3	70+00	N/A	N/A	1,564	115.36
4	76+19	773	114.89	1,240	115.75
5	80+95	774	115.21	1,272	116.03
6	82+00	781	115.85	1,277	117.35
7	112+05	728	118.15	1,259	118.73
8	152+00	388	123.58	620	123.83
9	61+45	N/A	N/A	127	149.16
10	184+50	135	129.08	292	129.49
11	212+00	182	134.74	292	135.96
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.
2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

The above listed peak flow rates are based on changes made to the SunCreek Plan Area drainage infrastructure and rerouting Kite Creek around the Anatolia III development through twin 72-inch culverts. The twin 72-inch culverts are assumed to fit within the right-of-way and landscape corridors for Rancho Cordova Parkway and Kiefer Boulevard, the SunCreek Plan Area does not lose any developable land.

The impacts due to the loss of the Anatolia III detention basin are the same as the impacts discussed in Anatolia III – Alternative 'A'. The SunCreek Plan Area losses 6.78 acres of development area due to the increase in detention basin area that is necessary to accommodate the removal of the Anatolia III detention basin.

The relocation of the Anatolia III drainage channel and detention basin allows for 42 single family lots to be reclaimed while the SunCreek Plan Area loses 6.78 acres of development land.

3.5 Modified Hydro-modification Basins Modeling Alternatives

The Baseline Conditions modeling results indicate that the peak 100-year, 24-hour flow rates within Kite Creek are substantially below the Existing Conditions peak 100-year, 24-hour flow rates. This large reduction in peak flow rate is due to the large amount of attenuation occurring within the detention basin. The Baseline Conditions detention basins have a footprint larger than the typical detention basin as they have been oversized in the Baseline Conditions Model to accommodate hydro-modification requirements. Since the hydro-modification objectives and standards criteria developed and stated in the cbec Inc. hydro-

modification analysis that, as the flow rates exceed the 10-year, 24-hour peak flow rates the hydro-modification impacts to Kite Creek are significantly reduced due to overbank flows reducing the scour and erosion potential of the Kite Creek thalwag. Therefore, to improve the efficiency of the Land Use plan to more closely match the Exiting Conditions peak flow rate within Kite Creek this modeling scenario was developed.

3.5.1 Modified Hydro-modification Basin – Alternative 'A' Model

This is an unsteady flow HEC-RAS model of the entire watershed above Florin Road. This model will use the Baseline Conditions Model as a starting point. The model will be revised to add 30% ⁽¹⁾ more detention basin volume to each of the 'Baseline Conditions' 10-year, 24-hour storm detention basins. The calculated 130% 'Baseline Conditions' 10-year, 24-hour storm detention basin volume will set a maximum water surface elevation within each basin. The detention basin outlet structure will have an opening set at this maximum water surface elevation such that the flows in excess 130% of the 'Baseline Conditions' 10-year, 24-hour storm will spill into the outlet structure and out of the basin to Kite Creek. The revised SunCreek detention basins will be analyzed to verify that the flow rates exiting the SunCreek project boundaries do not exceed the existing conditions flow rates. Under this alternative the Anatolia III water quality basins, detention basin and channel will be modeled as they are currently constructed.

Refer to Table 3.5.1.0: Modified Hydro-modification Basin - Alternative 'A', Peak Flows to review the peak flows for this alternative.

⁽¹⁾ The Baseline Model was originally derived by first determining the detention basin volumes required to attenuate the 10-yr, 24-hr and the 100-yr, 24-hr post development peak flows to pre-development levels and then running the extended simulation analysis to determine how much additional storage volume was required to mitigate for hydro-modification impacts. The resulting combined storage volumes were then included in the Baseline Conditions Model. On December 12, 2009, Chris Campbell of cbec prepared a comparison of the water surface areas and storage volumes of each detention basin contained in the Baseline Conditions Model. Refer to Appendix A cbec Hydro-modification Planning Assessment for the SunCreek Specific Plan. An analysis of this comparison indicates that hydro-modification increased the water surface area of the basins by an average of about 26% and the storage volume by an average of about 21%. For purposes of this analysis, it has been conservatively assumed that a 30% increase in detention volume is required to achieve hydro-modification mitigation.

Table 3.5.1.0: Modified Hydro-modification Basin - Alternative 'A', Peak Flows

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,669	106.39
2	36+00	N/A	N/A	1,674	112.37
3	70+00	N/A	N/A	1,553	115.34
4	76+19	808	114.95	1,248	115.73
5	80+95	809	115.27	1,282	116.02
6	82+00	811	115.86	1,284	117.34
7	112+05	763	118.20	1,267	118.73
8	152+00	372	123.55	523	123.74
9	61+45	N/A	N/A	127	149.16
10	184+50	293	129.02	458	129.39
11	212+00	216	133.59	246	134.75
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

The above listed peak flow rates are based on changes made to the SunCreek Plan Area detention basins. The SunCreek Plan Area detention basin outlet structures was revised while maintaining the peak flow release rates out of the detention basin to remain below the predevelopment peak flow rates within Kite Creek.

Refer to Table 3.5.1.1: Modified Hydro-modification Basin - Alternative 'A' Model, Detention Basins to review the revised detention basin volumes associated with this alternative.

Table 3.5.1.1: Modified Hydro-modification Basin - Alternative 'A', Detention Basins

Basin	Basin	Basin	Water	Volume	Water	Volume	Water
No.	Floor	Foot-	Quality	10-Year	Surface	100-Yr.	Surface
	Elev.	print	Volume	24-Hr.	Elev.	10-Day	Elev.
		Area	(AF)	(AF)	10-Yr.	(AF)	100-Yr.
		(Ac.)			24-Hr.		10-Day
1	207.0	2.22	2.5	4.6	212.05	6.7*	213.52*
2	169.5	4.30	3.4	13.8	174.98	15.3	176.51
3	169.5	4.60	2.2	11.5	173.78	15.8	175.15
4	156.0	6.19	3.8	18.8	161.11	25.5	162.55
5	157.5	9.43	5.7	27.7	161.53	38.1	162.90
6	148.5	4.63	3.0	14.1	153.62	19.2	155.17
7	136.5	2.56	1.5	6.6	141.54	8.8	142.86*
8	134.5	5.26	3.6	16.9	139.80	23.0	141.39
9	127.0	3.99	2.3	10.9	131.69	15.1	133.19
10	126.0	2.47	1.9	6.3	131.17	8.4	132.52*
11	130.0	0.69	0.4	1.1	134.85	1.5	136.06*
12	126.0	4.30	2.7	11.5	130.38	15.4	131.60*
Totals		50.64	32.9	143.8		192.8	

Notes:

The Modified Hydro-modification Basin – Alternative 'A' basin floor elevation, water quality volume, detention basin volumes, water surface elevations, and peak flow release rates for the 10-year, 24-hour storm are the same as the 'Baseline Conditions' results. The 100-year, 10-day volume, water surface elevations, peak flow release rates and basin footprint area are the only basin parameters that changed under this alternative.

Refer to Table 3.5.1.2: Modified Hydro-modification Basin - Alternative 'A', Detention Basin Discharge Flow Rates to review the maximum detention basin discharge rates and the detention basin outlet structure orifice and outlet pipe configurations for this alternative.

¹⁾ Basin locations can be found on the SunCreek Specific Plan Area - Baseline Conditions Watershed Map. See Appendix L.

²⁾ Basin area is calculated from the basin bottom elevation, with 5:1 side slopes to the top of slope. Top of slope is set 1.5 ft above the max. water surface. Area also includes a 20-foot perimeter road.

^{3) *}Denotes that volume and water surface elevation are controlled by the 100-yr, 24-hr. storm.

⁴⁾ Basin volumes indicated include the 1.5-ft of dead storage volume referred to as strictly hydro-modification storage.

⁵⁾ Water Quality Basins sizes are based on combination basins, 12-hour drawdown and shed area average imperviousness of 60%.

Table 3.5.1.2: Modified Hydro-modification Basin - Alternative 'A', Detention Basin Discharge Flow Rates

Basin	No. of Orifice's	No. of Outlet	10-Yr., 24-Hour	100-Yr., 24-Hr.
No.	& Diameter	Pipes & Dia.	Flow (cfs)	Flow (cfs)
1	2 - 18"	3 - 24"	26	34
2	1 – 18"	2 - 30"	13	49
3	1 – 12"	2 - 24"	3	18
4	1 – 18"	3 - 24"	10	35
5	2 – 15"	2 - 30"	11	45
6	1 – 15"	3 - 24"	9	35
7	1 – 15"	1 - 30"	6	24
8	1 – 18"	3 - 24"	12	38
9	1 – 12"	2 - 24"	5	22
10	1 – 15"	3 - 24"	10	31
11	1 – 12"	2 - 24"	4	23
12	3 - 12"	3 - 24"	8	38

The above listed peak flow rates are based on changes made to the detention basin outlet structure and incorporated into the SunCreek Drainage Study HEC-RAS model.

The Changes made to the SunCreek Drainage Infrastructure and analyzed under this alternative provide results that this alternative meets the water quality and hydro-modification requirements while maintaining the storm runoff flow volumes and peak flow rates to less than the current "Existing Conditions' peak flow rates and volumes. Therefore the Modified Hydro-modification Basin - Alternative 'A' Model is an acceptable SunCreek Plan Area storm drainage infrastructure alternative.

3.5.2 Modified Hydro-modification Basin – Alternative 'B' Model

This is an unsteady flow HEC-RAS model of the entire watershed above Florin Road. This model will use the Modified Hydro-modification Basin – Alternative 'A' Model as a starting point. The model will be revised to fill and develop the Anatolia III detention basin. The SunCreek Modified Hydro-modification Basin Alternative 'A' Model will be run to determine the impacts to Kite Creek and the existing downstream infrastructure. If necessary the Modified Hydro-modification Basin – Alternative 'A' detention basins will be increased in size to account for the loss of the Anatolia III detention basin such that the flow rates exiting the SunCreek project boundaries does not exceed the existing conditions flow rates.

Refer to Table 3.5.2.0: Modified Hydro-modification Basin - Alternative 'B', Peak Flows to review the peak flows for this alternative.

Table 3.5.2.0: Modified Hydro-modification Basin - Alternative 'B', Peak Flows

Compliance	Creek	10-Year	WSE	100-Year	WSE
Point No.	Section	24-hr. Flow	10-year,	24-hr. Flow	100-year,
	Station	Rate (cfs)	24-hour	Rate (cfs)	24-hour
1	0+00	N/A	N/A	1,674	106.39
2	36+00	N/A	N/A	1,678	112.37
3	70+00	N/A	N/A	1,556	115.34
4	76+19	773	114.88	1,242	115.73
5	80+95	774	115.20	1,285	116.03
6	82+00	779	115.85	1,287	117.35
7	112+05	727	118.16	1,268	118.73
8	152+00	374	123.56	536	123.76
10	184+50	· N/A	N/A	127	149.16
11	212+00	317	129.07	243	133.75
12		161	205.03	266	205.29
13		138	223.31	234	223.70

Notes: 1) Compliance Point Locations can be found on the Existing Conditions Watershed Map. See Appendix L.

2) Baseline Peaks Flows include the rerouting of the Morrison Spill through the proposed 72-inch diameter pipeline in Kiefer Boulevard,

The above listed peak flow rates are based on changes made to the SunCreek Drainage Study HEC-RAS model. The Modified Hydro-modification Basin – Alternative 'A' detention basin sizes did not need to be increased in size to account for the direct discharge of the Anatolia III runoff into Kite Creek. The reclamation of the Anatolia III detention allows the Anatolia III Project to reclaim 29 single family lots.

The Changes made to the SunCreek Drainage Infrastructure and analyzed under this alternative provide results that this alternative meets the water quality, hydromodification requirements while maintaining the storm runoff flow volumes and peak flow rates to less than the current "Existing Conditions' peak flow rates and volumes. Therefore the Modified Hydro-modification Basin - Alternative 'B' Model is an acceptable SunCreek Plan Area storm drainage infrastructure alternative.

4.0 Basin Volume Sizing Contingency

Notwithstanding the analysis presented in this master plan, Sacramento County Department of Water Resources (DWR) has not established standards to determine hydro-modification mitigation requirements and as such DWR Staff doesn't have complete confidence in the approach being used herein for determining the required hydro-modification volumes in the detention basins. DWR Staff, believing that some measure of tolerance in basin sizing is appropriate at this preliminary stage, has asked that an allowance of plus or minus 30% be used to create sufficient flexibility in basin volumes at this level of planning. Obviously, any such increase would only be triggered by necessity as demonstrated during future analyses.

The 100-year, 10-day detention basin volumes determined in this master plan are already 34% larger than the Baseline Conditions for the 10-year, 24-hour detention volumes. Nonetheless, in accordance with the requirements of DWR Staff, the basin volumes determined in this master plan will be increased by another 30% to establish the minimum 100-year; 10-day event detention basin volumes for the project on an interim basis until a greater level of confidence in the methodology of determining flow duration control volumes are achieved.

Accordingly, the interim minimum 100-year, 10-day storm event volumes of the detention basins is set as follows:

Table 4.0: Interim Minimum Detention Basin Volumes

Basin No.	Basin Volume 100 Year/10-Day Calculated Volume (AF) - Not Including WQ Volume	County's 30% Allowance (AF)	Interim Minimum Volume (AF)
1	6.7	2.0	8.7
2	15.3	4.6	19.9
3	9.6	2.9	12.5
4	25.5	7.7	33.2
5	22.7	6.8	29.5
6	19.2	5.8	25.0
7	8.8	2.6	11.4
8	23	6.9	29.9
9	7.7	2.3	· 10.0
10	8.4	2.5	10.9
11	1.5	0.5	2.0
12	15.4	4.6	20.0
Totals	163.8	49.1	212.9

Note: "Calculated Volume" is based on the results of "Modified Hyrdo-modification Basin - Alternative 'A' " and "Stand Alone Basin" Alternatives.

5.0 Conclusion

The SunCreek Plan Area can develop as proposed, the 1,266+/- acres within its boundaries consisting mostly of single-family residential land uses with some multi-family residential units, a High/Middle School Site, an elementary school site, parks, open space areas and commercial land uses.

The SunCreek Drainage Study has analyzed the existing and required on-site and off-site drainage facilities that are necessary to maintain downstream drainage, water quality, hydro-modification and summer nuisance flow impacts to existing or below existing conditions. Additional studies may be required by the County during project implementation (including evaluating the volume related increase impacts associated development of the SunCreek Specific Plan Area on the downstream creek system).

The SunCreek Plan Area can develop the plan area as proposed by constructing Hydro-modification Detention Basins that mitigate for the developments impacts. The Hydro-modification Detention Basins include a combination water quality basin which will retain the irrigation runoff in the summer months. Summer nuisance flows that exceed the evaporation rate and percolation rate of the combination water quality basin will be percolated into the ground through specially designed and constructed percolation trenches placed in the Hydro-modification Detention Basin bottom. The impacts on Kite Creek due to hydro-modification is mitigated by increasing the Hydro-modification Detention Basin volume and slowly metering out storm runoff to match undeveloped runoff rates for storms ranging from 25% of the 2-year storm up to and including the 10-year storm. The Hydro-modification Detention Basin reduces the SunCreek Plan Area developed storm runoff rates calculated by the Sacramento Method for the 10-year, 24-hour storm and the 100-year, 24-hour storms to less than the predevelopment storm runoff rates.

In conclusion, the SunCreek Plan Area can develop without impacting the predevelopment water quality, hydro-modification of Kite Creek and existing bridges and channels in the SunCreek Drainage Study Area by constructing the SunCreek drainage infrastructure.

6.0 Recommendations

A review of the various storm drainage alternatives analyzed in this report to mitigate the peak flow and hydro-modification impacts of developing the SunCreek Plan Area indicates that one of the alternatives is the preferred alternative. In fact this preferred alternative is, in reality, a hybrid of two of the alternatives studied herein:

- Modified Hydro-modification Basin Alternative "A" Model, and
- Stand-Alone Detention Basin Alternative

This hybrid alternative has the benefit of yielding the smallest detention basins of any of the alternatives evaluated herein. Additionally, it results in a significant reclamation of developable lots within Anatolia III development and avoids the need to relocate the Anatolia III drainage channel – a very costs undertaking for very little yield in net developable area. Fortunately, any combination of the alternatives studied herein has the capability to fully mitigate peak flooding, hydro-modification and water quality impacts associated with developing the SunCreek Specific Plan.

7.0 References

County of Sacramento, "Hydrology Standards Volume 2 of the Sacramento City/County Drainage Manual," December 1996.

Spink Corporation, "Final Master Drainage Study, Sunrise Douglas Community Plan Area, Sacramento, California," October 16, 1998, (SDCPA Study).

Wood Rodgers, Inc., "Master Drainage Study for Anatolia I & II," December 4, 2003.

Wood Rodgers, Inc., "Master Drainage Study for Anatolia III, County of Sacramento, California," June 2004.

Wood Rodgers, Inc., "Drainage Report for Anatolia III – Major Roads, City of Rancho Cordova and County of Sacramento, California," July 16, 2004.

County of Sacramento, "Stormwater Quality Design Manual for the Sacramento and South Placer Regions," May 2007,

Wood Rodgers, Inc., "Drainage Study Montelena Including Sections for Anatolia 1 & 2 Updated Ultimate Conditions and As-Built Facilities Summary," September 2007.

Wood Rodgers, Inc. "Waegell Property Hydro-modification Design Memorandum" dated September 21, 2007.

Geosyntec Consultants, "A Technical Study of Hydrology, Geomorphology & Water Quality in the Laguna Creek Watershed," November 2007.

8.0 Appendixes

Appendix A: cbec Hydromodification Planning Assessment for the SunCreek Specific Plan



Hydraulics | Hydrology | Geomorphology | Ceston

MEMORANDUM

Date:	November 11, 2008
To:	Craig Zoller and Ken Giberson (MacKay & Somps)
From:	Chris Campbell and Chris Bowles
Project:	08-1003 – SunCreek Hydromodification Planning
Subject:	Hydromodification Planning Assessment for the SunCreek Specific Plan

The SunCreek Stormwater Plan is currently being developed as part of the SunCreek Specific Plan. The SunCreek Owners Group (Owners) have identified that hydromodification planning should be incorporated into the stormwater planning in anticipation of upcoming modifications to Sacramento County's (County) MS 4 Permit, which is in the process of being renewed by the RWQCB.

cbec, inc. (cbec) has completed hydromodification assessment and mitigation planning for the potential hydromodification impacts of the SunCreek Specific Plan on Kite Creek, a tributary to Laguna Creek in Sacramento County, California. The details of this assessment and planning effort are described in this memorandum report.

Approach Summary

cbec sub-consulted with PWA, Ltd. (PWA) to assist with geomorphic reconnaissance and assessment for this project. cbec were sub-consultants to Mackay & Somps Civil Engineers (M&S). cbec were responsible for all project management, coordination and technical reporting with M&S for the hydromodification component of this project. M&S were the prime consultant for the project, and were primarily responsible for the hydrology and hydraulics for the stormwater design to the standards of the County. cbec has supplied technical analysis and conceptual hydromodification mitigation plans to M&S for incorporation into the stormwater master plan for the SunCreek development.

cbec assessed the hydrologic and geomorphic impact of the SunCreek Specific Plan relative to existing conditions by addressing the following questions:

- 1. Do the proposed offline detention basins sized by M&S significantly alter the flow duration and inundation frequency of Kite Creek within and downstream of the SunCreek development?
- 2. Will the development and subsequent flow alterations significantly affect the geomorphic stability of Kite Creek by reducing sediment supply, generating excess sediment from channel erosion, and/or creating a larger than natural downstream sedimentation impact?

cbec addressed these questions by adapting the SacCalc and HEC-RAS (RAS) models developed by M&S. M&S used SacCalc and XPSWMM, as recommended by the County, to develop the stormwater plans for the SunCreek Specific Plan. cbec ran a continuous simulation model in HEC-HMS (HMS) with a 49-year precipitation record to identify potential hydrologic impacts of the proposed stormwater plan. Continuous simulation is emerging as the standard approach for addressing hydromodification because it takes into account the cumulative effect of geomorphically-significant medium sized events more effectively than event simulation of larger capital flood events. The continuous simulations were used to compare pre- and post-project flow duration curves to minimize the potential that the project did not increase the frequency of events corresponding to 'dominant' or 'channel forming' discharge, and to inform the detention basin outlet design.

Hydrology generated from the continuous simulation model was then implemented in a 1-dimensional hydrodynamic model, MIKE 11, to assess the stability of Kite Creek under existing and baseline (with project) conditions.

The cbec team also conducted additional geomorphic reconnaissance of the site to evaluate existing channel stability and vulnerability to hydrograph modification using a channel vulnerability assessment. Sediment samples were collected for laboratory analysis to characterize the existing bed conditions for shear stress analysis.

GEOMORPHOLOGY

PWA visited Kite Creek on May 30, 2008 and observed the geomorphic character of the creek, collected hydraulic parameters to inform channel vulnerability (risk of erosion) classification (i.e. low, medium, high), and performed limited sediment sampling. The geomorphic assessment included visual observations, recorded by photography and hand-held GPS, followed by office correlation with NRCS soils mapping. The channel vulnerability, or risk of erosion classification, included field observations such as bed width, estimation of bankfull depth and width, floodprone width, channel bed and bank materials, and Manning's roughness. A visual classification of the Schumm Channel Evolution was made (this model, described in 1976 by Schumm, characterizes the morphological evolution of channels in six stages, from a natural channel through constructed, incising, widening, aggrading, and new dynamic equilibrium channel). It also included subsequent post-processing of channel gradient, bed critical shear stress, hydraulic parameters (i.e. area of bankfull flow, wetted perimeter, hydraulic radius), bankfull velocity and discharge using automated spreadsheet routines. The combination of these assessment techniques led to entrainment and entrenchment classifications, which in turn led to an overall erodibility risk classification.

Figure 1 shows the limit of the field observations and the specific locations (marked with an "X") where data was collected to coincide with surveyed creek sections. Kite Creek was delineated into two (2) reaches, lower and upper, relative to Anatolia III. The following is a brief summary of that work effort augmented with cbec's understanding of the creek.

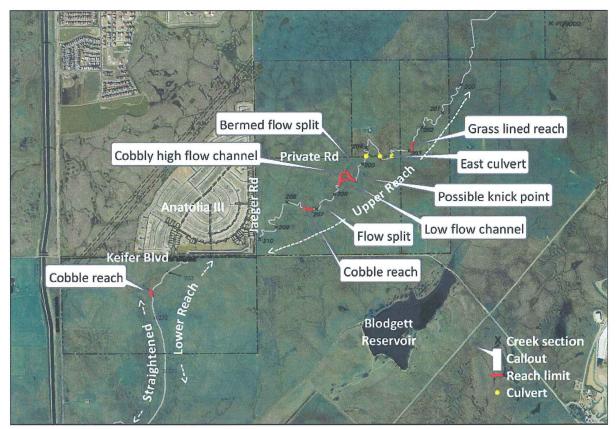


Figure 1. Field observations

LOWER REACH

The lower reach extends from downstream of Kiefer Blvd and Anatolia III to the limit of field observations at section 231. The creek through this reach is surrounded by heavily grazed grasslands with abundant cattle trails into and crossing the creek. The creek, approximately 1,200 feet downstream of Kiefer Blvd, appears to have been realigned to accommodate land drainage downstream to Laguna Creek. The straightened channel appears to bisect a relatively wide corridor through which Kite Creek and local perched runoff created seasonal flooding.

Partly due to straightening and realignment, the lower reach has incised up to 3 to 4 feet and its banks continue to slump (see Figure 2). The bed of the creek typically alternates between exposures of duripan and deep deposits of sand. Exposures of duripan (see Figure 3) may in fact be associated with realignment of the creek to the interface between the creek corridor soils (*Hicksville Loam* and *Hicksville Gravelly Loam*) lacking a duripan (but underlain with stratified sandy to very gravelly sandy loam, respectively) and the upslope soils containing a duripan (e.g. *Fiddyment Fine Sandy Loam*, *Hedge Loam*, *Redding Loam*). Often, the duripan is acting as a knick point, which may be slowing incision, but is an indication toward continued incision. In one isolated location, midway between sections 232 and 233, incision has exposed the very gravelly sandy loam, winnowed away the fines and smaller gravels,

possibly armoring the creek bed (see Figure 4), which tends to minimize incision. This location coincides with the downstream transition from the *Hicksville Gravelly Loam* to the *Hicksville Loam*.

Table 1 shows a summary of the risk classification for the observed creek sections through the lower reach.

Table 1. Lower reach risk classification

Section	Entrainment	Entrenchment	Bank Erosion	Width:Depth	Schumm Class	Overall Risk
233	High	High	Medium	High	Medium	High
232	High	High	Medium	High	Medium	High
231	High	High	Medium	High	Medium	High

Overall, the lower reach is actively incising with slumping and eroding banks. The overall erodibility risk classification of the lower reach is high meaning that the creek has already undergone significant levels of degradation and therefore will be highly susceptible to future anthropogenic disturbances. It could be hypothesized that the impacts of the development that has already occurred at the upstream extent of the lower reach (Anatolia III) have impacted the creek since construction was completed.



Figure 2. Lower reach slumping banks



Figure 3. Lower reach exposed duripan



Figure 4. Lower reach exposed very gravelly sandy loam (looking downstream)

UPPER REACH

The upper reach extends upstream of Jaeger Road and Anatolia III to creek section 200 (which represents the upstream preserve limit). The creek through this reach is dimensionally smaller with lower banks in relatively more stable condition than the lower reach. The upper reach has not been artificially straightened and the impact of cattle on the creek is not as prevalent, but there is some bank slumping and a few creek modifications. Such modifications include berming a flow split downstream of section 205 and three (3) culvert crossings between sections 203 and 205 associated with a single private road (see Figure 1). While all three (3) culvert crossings have localized bed and bank erosion associated with their outfalls, of particular interest is the probability that the undersized culvert furthest to the east has actually promoted the preservation of a small grass-covered reach of Kite Creek upstream of section 203 (see Figure 5) due to backwater effects dampening erosive forces during flooding.

Similar to the lower reach, the creek corridor soils in the upper reach, specifically upstream of the midway point between sections 207 and 208, consist of a gravelly clay loam underlain with stratified very gravelly sandy loam (*Hicksville Gravelly Loam*). Downstream of this midway point, the creek corridor soils consist of loam overtop a cemented duripan (*Hedge Loam*). At this midway point, which coincides with the downstream transition from *Hicksville Gravelly Loam* to a non-gravelly soil (i.e. *Hedge Loam*), and similar to our observation in the lower reach, incision has eroded away the fines, leaving behind the coarser substrate that helps to slow incision.

Table 2 shows a summary of the risk classification for the observed creek sections through the upper reach.

Table 2. Upper reach risk classification

Section	Entrainment	Entrenchment	Bank Erosion	Width:Depth	Schumm Class	Overall Risk
200	Medium	High	Medium	High	Medium	Medium
201	High	High	Medium	High	Medium	High
202	High	Medium	Medium	High	Medium	Medium
203	Medium	Medium	Medium	High	Medium	Medium
205	Medium	Medium	Medium	High	Medium	Medium
206	Medium	Medium	Medium	High	Medium	Medium
207	Medium	Medium	Medium	High	Medium	Medium
208	Medium	Medium	Medium	High	Medium	Medium
209	Medium	High	Medium	High	Medium	Medium
210	High	Medium	Medium	High	Medium	Medium

Overall, the upper reach is partly more stable and less anthropogenically impacted than the lower reach. Little development has occurred to date in the upper reach and therefore this reach has only been impacted to date by some grazing and other agricultural activities. The overall erodibility risk

classification of the channel is medium meaning that the channel has undergone partial degradation. However, through comparison with the lower reach, it is clear that with additional upstream development through the upper reach, and without hydromodification mitigation, degradation of the creek could occur at a similar rate to that observed through the lower reach.



Figure 5. Upper reach preservation of grass covered reach (looking upstream)

SEDIMENT SAMPLES

Sediment samples were collected at sections 200, 201, 206, 208, 209, 231, and 233. Sections 206 and 208 represent bank material samples, whereby the remaining are bed material samples. Table 3 and Figure 6 depict the laboratory results. Depending on the location, the creek bed consists of silty sand absent of gravels to a gravel bed with fines.

Table 3. Particle size distributions for sediment samples (from upstream to downstream)

Section #	d85 (mm)	d50 (mm)	d15 (mm)	Notes
200	49.7	18.9	1.06	Gravel bed with fines
201	14.8	2.33	0.08	Silty sand bed with gravels
206	12.6	0.34	0.01	Silty sand bank with gravels
208	0.24	0.05		Sandy silt bank
209	22.2	9.49	0.30	Gravel bed with fines
232	26.4	11.3	0.29	Gravel bed with fines
231	0.84	0.35	0.03	Silty sand bed without gravels

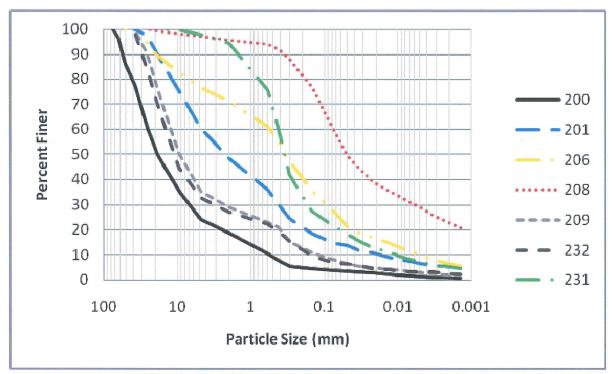


Figure 6. Particle size distributions for sediment samples

The bed material sample at section 209 was used to estimate the critical shear stress at compliance point #12. The critical shear stress was estimated to be 0.12 lbf/ft². For compliance point #8, the erodibility of the bank material was considered over the bed material due to the resistant nature of the duripan in the lower reach. The critical shear stress for the banks was not estimated from the bank samples, but rather estimated from values developed by Geosyntec (2007) using a jet test (0.20 to 0.38 lbf/ft²).

CREEK STAGE MEASUREMENT

During March 2008, a pressure transducer was installed in the vicinity of section 201 (see Figure 7). The pressure transducer measured depth of water in the creek. However, no significant storm events occurred after March 2008, and therefore the pressure transducer was removed in June 2008. The intention of measuring storm water levels in the creek was to provide additional data for the geomorphic assessment and calibration/verification data for the hydrodynamic models.



Figure 7. Installation of pressure transducer in stilling well at KIte Creek

HYDROMODIFICATION ASSESSMENT

HYDROMODIFICATION STANDARDS AND OBJECTIVE CRITERIA

In developing the hydromodification plan for the SunCreek Specific Plan, and in the absence of specific guidance on hydromodification standards by the County's DWR, the following Objective Standards (or Hydromodification Criteria) have been developed to provide methods by which to assess the results of this study.

TYPICAL APPROACHES FOR MANAGEMENT AND MITIGATION OF HYDROMODIFICATION

Typically, three broad approaches are used to manage and mitigate the impacts of hydromodification:

- 1. Flow Control Approach the use of modified storm detention basins (often called Flow Duration Control Basins or FDCs) or infiltration facilities (e.g. swales with underdrains) to control discharge into receiving waters in the range that are responsible for most channel erosion. In other parts of Northern California these flows have been found to lie between some fraction of the Q2 (2-year return period event) up to the Q10 (10-year return period event). Flows in this range are managed so that the pre- and post-development flow duration curves match within a defined tolerance.
- 2. Landscape Approach or sometimes referred to as Low Impact Development (LID), or source control approaches, in which impervious areas drain to a series of highly pervious landscaping areas that act as dispersed infiltration facilities. These infiltration facilities are sized based on pre-determined ratios (typically around 5% of the developed area) that have been found to infiltrate the excess runoff within the range of erosive flows.
- 3. In-stream Approach the use of stream restoration approaches to stabilize and restore already heavily anthropogenically impacted receiving waters to better withstand the potential future impacts of hydromodification (reducing slope gradient by increasing sinuosity (where geomorphically-appropriate) or introducing step-pool drop structures, or conducting biotechnical bank stabilization, etc.).

Due to limitations of working in the wetland preserve areas, the consultant team did not focus on instream approaches. Therefore, the criteria developed here refer generally to FDC techniques for managing and mitigating hydromodification impacts using flow duration curve matching approaches, or similar.

HYDROMODIFICATION CRITERIA AND OBJECTIVE STANDARDS

- 1. Event-based existing and baseline (with project) hydrology to satisfy flood control criteria will be developed by M&S using SacCalc. SacCalc is a Sacramento City and County preprocessor for the hydrologic model HEC-1 and is the accepted standard in Sacramento County.
- 2. To assess the long-term hydrologic conditions in the watershed, and to take account of antecedent conditions appropriate for hydromodification planning, a long-term, continuous hydrologic simulation using a 49-year precipitation record will be used to develop existing baseline hydrology. Long-term simulation has become the standard for comparing pre- and post-development flow duration characteristics within the range of geomorphically-significant flows. For this purpose, the soil moisture accounting (SMA) algorithm in HMS will be used. This model will be developed by adapting the SacCalc model into a form similar to the HMS model developed by Geosyntec (2007) for Laguna Creek.

- The long-term hydrology developed using HMS will be used to provide the boundary conditions to assess the hydraulic impacts of the SunCreek development on Kite Creek using a hydraulic model. For reasons explained later, the hydraulic model will be MIKE 11, not RAS.
- 4. The hydraulic model output will be used to imply the erosive or depositional impacts to Kite Creek. In the absence of standards stating otherwise, and as a guide, runoff should be controlled in the range between 25% of Q2 and Q10. In other areas that have recently developed HMP standards, a range of values from as low as 10% of Q2 have been used as the lower threshold. However, these thresholds were based on field measurements of bed and bank shear resistance for watersheds that have different topographic and soil properties from Laguna Creek. In a recent study in the Laguna Creek watershed (Geosyntec, 2007), it was concluded through an assessment of cumulative sediment transport that 95% of the total erosion and sediment transport in the creek is accomplished by flows less than Q10. This study also concluded through field measurements of critical shear stress and modeling that erosion does not commence until flows are approximately 25% of Q2; hence our recommendation of this as the lower threshold.
- 5. For the flow range specified (25% of Q2 through Q10), the post-project discharge rates and durations should not deviate above the pre-project discharge rates and durations by more than 10% over more than 10% of the length of the flow duration curve. The flow duration curve relates to the percentage of time of the total period of record that a particular flow is equaled or exceeded. It does not refer to the duration of that particular flow event. Thus, using the flow duration technique gives an indication of how the average flows are hydromodified between a specific flow range (area under the curve). Flow duration curves are the most commonly accepted method of analyzing the response of watershed to perturbations; hence, we recommend their use in this application.
- 6. For the flow range specified, the post-project peak flows should not exceed pre-project peak flows by more than 10%.
- 7. In terms of possible erosive forces experienced by the receiving waters as a result of hydromodification, a preliminary standard could be based on the erosion potential methodology as proposed by a recent study in the Laguna Creek watershed (Geosyntec, 2007). In this study, an objective standard was stated that stormwater discharges from development projects shall not cause an increase in the erosion potential in the receiving channels by more than 20%. Based on field data collected and hydraulic modeling conducted in this study, the objective standard may be modified subsequently. However, it is initially recommend that this as a reasonable objective standard. A note of caution, if the project results in decreased sediment loads and size, it may be necessary to assess the implications of (up to) a 20% increase in erosion potential, and whether this increase will be detrimental (will there be less "resisting forces" for the project-related flow increase?) Generally, the objective is to determine the range of flows over a long period of record that does not exceed (or significantly alter) the existing equilibrium of supply and transport of sediment.

- 8. The FDC curve matching approach will be used iteratively in an effort to manage and mitigate hydromodification impacts. However, based on the size of FDC basins predicted (if too large to be accommodated in current plans) it may be necessary to resort to other methods of management and mitigation, such as landscape or in-stream approaches, in conjunction with FDCs. The goal is primarily the use of FDCs, as instructed by the Owners. Coordination with cbec, M&S and the Owners will be required through this decision making process.
- 9. When the impacts of hydromodification have been mitigated through FDC the proposed improvements to the stormwater plan will be checked for stormwater detention purposes. The resulting plan will constitute the proposed plan.
- 10. Design concepts will be derived to minimize perennial "nuisance" flows from entering the Kike Creek preserves. These flows typically occur in the summer months and are entirely caused by irrigation runoff from lawns and other planted areas that are frequently irrigated. This runoff is typically nutrient laden with nitrates and phosphates and could cause unfavorable conditions in Kite Creek. In an effort to mitigate for these flows, concepts will be derived that can be incorporated into the FDC basins which may include complete retention of summer low flows, bioaccumulation and evapotranspiration using wetland vegetation, deep well percolation and other hydraulic control devices, as appropriate.

Figure 8 shows a flow chart to summarize how the process outlined was applied to the project. cbec worked cooperatively and collaboratively with M&S through this process.

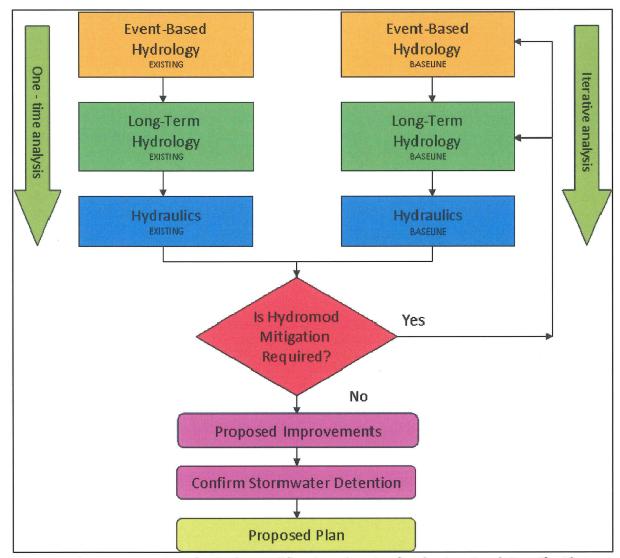


Figure 8. Flow process chart for hydromodification planning for the Sun Creek Specific Plan

LONG-TERM HYDROLOGY

The event-based HEC-1 (SacCalc) models for **existing** and **baseline** (with project) conditions were provided by M&S for Kite Creek and portions of Laguna Creek. The HEC-1 models were imported directly into HMS from their HEC-1 and HEC-DSS (DSS) formats. The following modifications to the HEC-1 models were implemented to convert them from event-based models developed to assess flood control to long-term continuous simulation models to assess hydromodification:

1. The loss method was changed from initial and constant to the SMA algorithm and applied in a manner consistent with the calibrated HMS model developed by Geosyntec (2007). The following SMA parameter values were adopted from the calibrated HMS model and uniformly applied to each subwatershed:

Canopy	Surface	Soil	Tension	GW 1	GW 1
Storage (in)	Coeff. (hr)				
0.08	0.30	6.0	4.8	10	200

The following SMA parameter values were derived from the HEC-1 LU record for each subwatershed and applied in a manner consistent with the calibrated HMS model:

Maximum	Imperviousness Soil		GW 1	
Infiltration (in/hr)	(%)	Percolation (in/hr)	Percolation (in/hr)	
CNSTL	RTIMP	CNSTL	CNSTL	

Two notes regarding CNSTL are that 1) it is on average 0.01 in/hr lower for the existing model than the calibrated HMS model, and 2) the value for the Laguna Creek headwater subwatershed was multiplied by a factor of 3 to be consistent with the calibrated HMS model due to the high saturated hydraulic conductivity of the headwater soils.

- 2. For simplicity, the runoff transformation method was kept the same as that generated by SacCalc. SacCalc uses the USBR dimensionless urban unit hydrograph method. The calibrated HMS model uses the Clark unit hydrograph method, the use of which was to aid in HMS model calibration by means of the Clark storage coefficient, and originally consisted of a conversion of the USBR dimensionless urban unit hydrographs. Since the existing and baseline subwatersheds differ significantly from those assumed in the calibrated HMS model, it would not be reasonable to apply the calibrated Clark parameters.
- 3. Baseflow was added using the linear reservoir option and applied in a manner consistent with the calibrated HMS model:

Initial Type	GW 1 Initial (cfs/mi ²)	GW 1 Coeff. (hr)	GW 1 Reservoirs
Discharge/Unit Area	0	1450	1

- 4. The Muskingum-Cunge routing method was unchanged and is consistent with the method employed in the calibrated HMS model.
- 5. Detention basin routing was changed from a description of outflow structures to a prescription of outflow curves for each basin.
- 6. Blodgett Reservoir was added to the existing model using the storage-discharge curve prescribed in the calibrated HMS model.
- 7. The 49-year hourly precipitation record for Eagles Nest was imported into the HMS model and applied to each subwatershed along with monthly evapotranspiration rates.

The following HMS models were created as shown by Table 3 below. The **baseline (as existing)** model is a surrogate for existing conditions to allow for comparisons at the detention basin scale. The **baseline** (without detention) was simulated to quantify the effect of the flood control detention basins.

Table 3. Description of HMS Models

HMS Model	Description
Existing	Existing conditions model
Baseline (as existing)	Baseline conditions model, but assumes imperviousness is 2% (surrogate
	for existing conditions at detention basin scale)
Baseline (w/out detention)	Baseline conditions model, but assumes no flood control detention basins
Baseline (w/ detention)	Baseline conditions model with flood control detention basins modified for
	flow duration control

HYDRAULICS

The hourly output from the HMS models was processed to produce flow duration curves and annualized flow duration hydrographs. The flow duration hydrographs were then implemented in two (2) at-a-station hydraulic models coincident with compliance points #8 (Kite Creek at downstream property boundary) and #12 (Kite Creek immediately upstream of Anatolia III) and surveyed cross sections (XS) 231 and 210, respectively. At-a-station hydraulic models were developed using the 1-dimensional hydrodynamic model MIKE 11 in a manner consistent with the unsteady RAS models. This included the use of surveyed cross sections augmented with floodplain topography, flow duration hydrographs at the upstream boundaries, normal depth rating curves at the downstream boundaries, and appropriate description of Manning's n-values. RAS was not used due to instabilities associated with low flow wetting and drying and write errors associated with the volume of output generated.

TOTAL WORK CALCULATIONS

The MIKE 11 models were then used to calculate the total work done and erosion potential index to assess the hydromodification impacts of the SunCreek development on Kite Creek. Total work done was calculated based on integrating effective stream power from the MIKE 11 hydraulic model outputs as:

$$W = \sum_{i=1}^{n} (\tau_i - \tau_c) \cdot V_i \cdot \Delta t_i$$

where W is the total work done (ft-lbf/ft²), τ is the average channel shear stress, τ_c is the critical shear stress to initiate erosion, V is the velocity (ft/sec), and Δt is the numerical time step (sec). The critical shear stress was estimated for compliance point #12 (XS 210) to be 0.12 lbf/ft² based on representative sampled bed material for the reach and for compliance point #8 (XS 231) to be 0.20 lbf/ft² based on the minimum value in the range (0.20 to 0.38 lbf/ft²) of shear stress needed to erode bank material since this reach has incised down to the hardpan. The erosion potential index was calculated as the ratio of $W_{baseline}$ / $W_{existing}$. The target index is 1 ± 20%, based on the guidance provided by Geosyntec in their report for the Laguna Creek watershed (Geosyntec, 2007).

FLOW DURATION CONTROL

Flow duration control, initially based on the recommendations reported by Geosyntec (2007), was combined with flood control through review of several model iterations. The flow duration control, as implemented for all detention basins, consisted of a variable length weir structure in front of the flood control orifices with a 2-inch low flow orifice at the basin invert and a crest elevation 1.5 feet above the basin invert (schematic depicted elsewhere by M&S). For flood control purposes, the volume of water below the weir crest was treated as dead storage and was added to the flood control storage above 1.5 feet. As a result, the detention basin footprint size increased on average 27% from that originally developed for pure flood control. In addition, evaporation and percolation losses from the detention basins was not incorporated into the long-term simulations due to limitations in HMS, but the effect of those losses was analyzed and is discussed in the following results section. The flood control function for each basin was checked through hydraulic modeling by M&S.

RESULTS

At the subwatershed scale (refer to watershed and detention figures by M&S), Figures 9 and 10 show the flow duration curves for developed subwatersheds #4 and #8. Using baseline (as existing) as a surrogate for existing conditions, the difference between baseline (as existing) and baseline (w/out detention) represents the increase in surface runoff due to development that needs to be captured and released at a rate below the critical rate for erosion. By comparison, baseline (w/ detention) demonstrates the redistribution of that increase in surface runoff to meet both flood control and flow duration control criteria. For flows that occur less than 0.5% of the time, the detention basins (as designed with flood control in mind) act to reduce peak discharges for infrequent floods (e.g. 100-year). The counter effect of reducing flood peaks would result in elevating the discharge level for flows in the 5% to 20% range (not shown here). But due to flow duration control, this is offset by approximately maintaining the increased duration of developed flows in the 0.5% to 10% range and increasing the duration of very low flows.

Regarding the increased duration of very low flows, Figures 9 and 10 (and 12 and 13 below) ignore the benefits of evaporation and artificial percolation intended to combat summertime nuisance flows due to limitations in HMS detention routines. Figure 11 addresses the concern of extend baseflow by demonstrating that evaporation and percolation effectively drawdown the dead storage below the weir such that baseflow is not augmented beyond what would occur naturally.

Evaporation was approximated by the evapotranspiration rates developed by Geosyntec (2007) and as implemented in the HMS model. Percolation rates per basin, which were developed by M&S to manage summertime nuisance flows, were based on guidance in the Stormwater Quality Design Manual (2007) for residential only as 41,860 ft³/mi²/day.

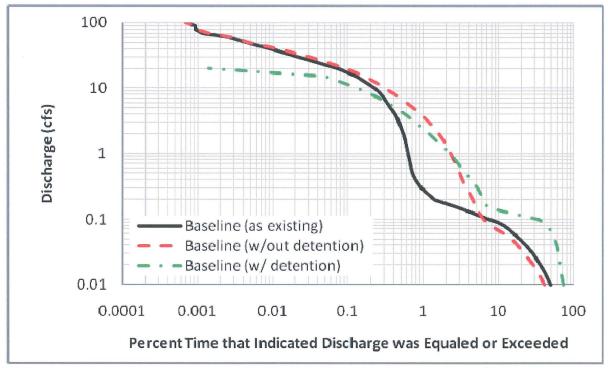


Figure 9. Flow duration curve for detention basin #4 (detention includes flow duration control)

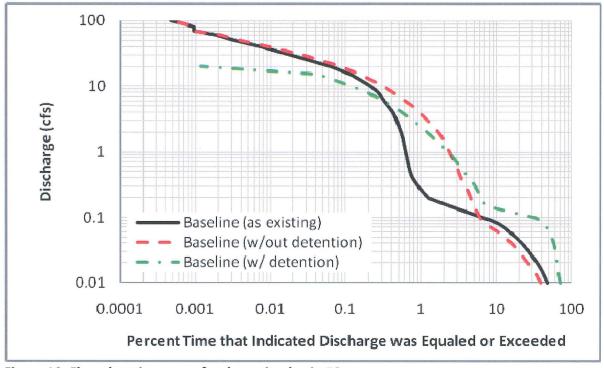


Figure 10. Flow duration curve for detention basin #8

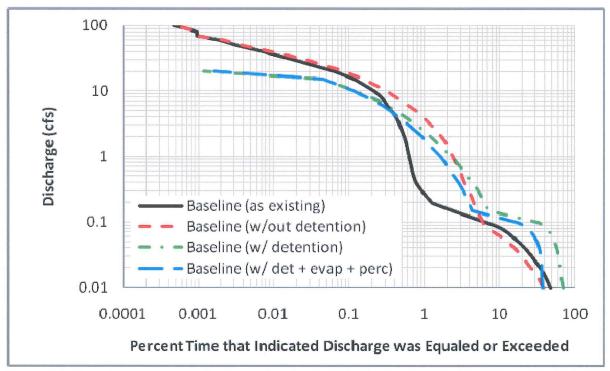


Figure 11. Flow duration curve for detention basin #8 including evaporation and percolation

At the reach scale, Figures 12a and 13a show the flow duration curves for compliance points #12 and #8, respectively (refer to compliance point figure by M&S). The same patterns discussed above also apply here. These figures are reiterated at Figures 12b and 13b to highlight the differences for the infrequent (larger) flows.

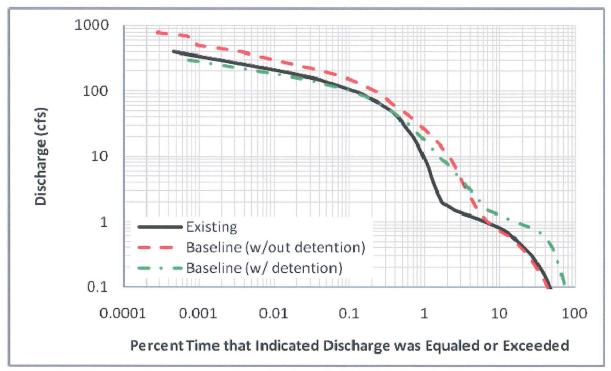


Figure 12a. Flow duration curve for compliance point #12 (upstream of Anatolia III)

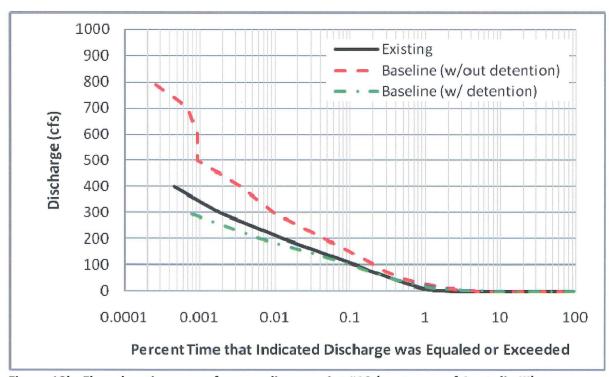


Figure 12b. Flow duration curve for compliance point #12 (upstream of Anatolia III)

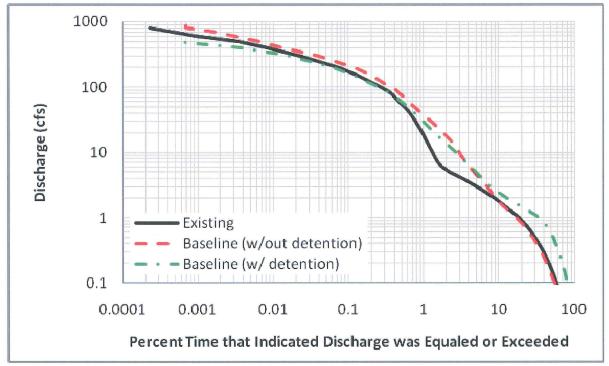


Figure 13a. Flow duration curve for compliance point #8 (downstream property boundary)

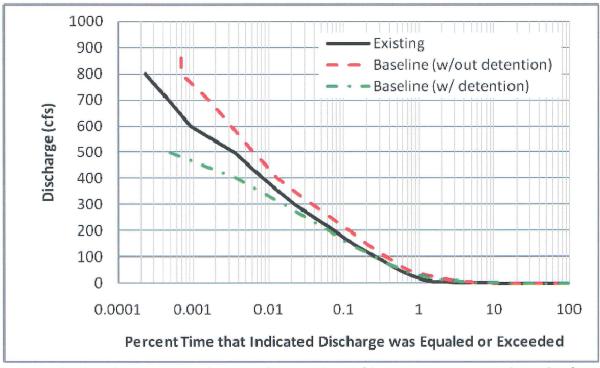


Figure 13b. Flow duration curve for compliance point #8 (downstream property boundary)

In addition, Figures 14 and 15 show the total work done for compliance points #12 and #8, respectively (refer to compliance point figure by M&S). These curves, based on the critical shear stress values defined earlier, show that the critical flow rates to initiate erosion are approximately 20 cfs and 60 cfs for compliance points #12 and #8, respectively. These values correspond to 11% and 21% of the 2-year peak flow as estimated from the HMS output; the 2-year discharges are 170 cfs and 280 cfs for compliance points #12 and #8, respectively.

Table 5 below integrates the total work done curves over the entire range of flows and tabulates the erosion potential index for each compliance point. The **baseline** (w/ detention) scenario has an erosion potential index close to unity at both compliance points. Since the **baseline** (w/ detention) scenario closely matches the total work curve for existing conditions through the range of flow conditions, as depicted in Figures 14 and 15, should the range of geomorphically significant flows, yet to be set by the County, deviate from the standards established here, the project should theoretically meet that criteria.

Table 5. Total work done and erosion potential ratios at compliance points

	Total Work Done (ft-lbf/ft ²)		Erosion Potential Index	
	Compliance Point (Creek Section)		Compliance Point	
HMS Model	#12 (XS 210)	#8 (XS 231)	#12 (XS 210)	#8 (XS 231)
Existing	32372	22068		
Baseline (w/out detention)	49571	31178	1.53	1.41
Baseline (w/ detention)	33630	20823	1.04	0.94

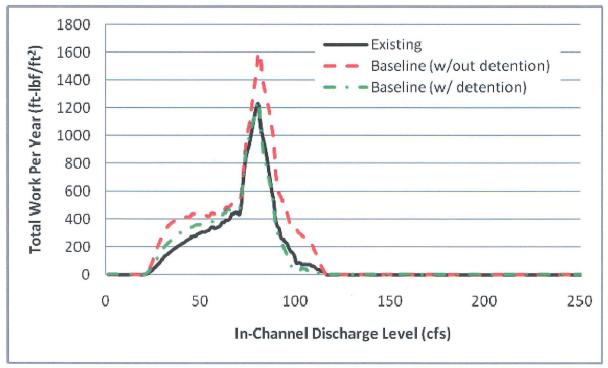


Figure 14. Total work done at compliance point #12 (upstream of Anatolia III)

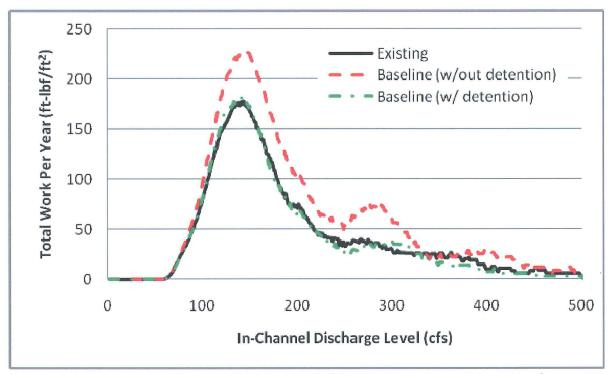


Figure 15. Total work done at compliance point #8 (downstream property boundary)

SUMMARY

The conclusions and recommendation of this study can be summarized as follows:

- 1. The upper reach of Kite Creek (upstream of Keifer Boulevard and Anatolia III development) was classified as medium erodibility risk. Therefore, it has undergone some limited anthropogenic disturbance historically, primarily as a result of grazing and other agricultural practices.
- The lower reach of Kite Creek (downstream of Keifer Boulevard and Anatolia III development) was classified as high erodibility risk. This reach has undergone substantial erosion and incision and is relatively unstable.
- 3. Both the upper and lower reaches of Kite Creek will be geomorphically susceptible to future development unless hydromodification mitigation is used. In this project, flow duration control was specified to mitigate for hydromodification.
- 4. Traditional stormwater detention methods were found to be unsatisfactory in mitigating for hydromodification impacts. Flow duration control was required to maintain, or reduce, flow duration and total work done on the creek between existing and baseline (with project) conditions.
- 5. The flow duration control, as implemented for all detention basins, consisted of a variable length weir structure in front of the flood control orifices with a 2-inch low flow orifice at the basin invert and a crest elevation 1.5 feet above the basin invert (schematic depicted elsewhere by M&S).

- 6. For flood control purposes, the volume of water below the weir crest was treated as dead storage and was added to the flood control storage above 1.5 feet.
- 7. Modification of the detention basins for flow duration control generally required the basins to be increased by approximately 27% in plan area.
- 8. The critical shear stress was estimated for compliance point #12 to be 0.12 lbf/ft² based on representative sampled bed material for the reach and for compliance point #8 to be 0.20 lbf/ft² based on the minimum value in the range (0.20 to 0.38 lbf/ft²) of shear stress needed to erode bank material since this reach has incised down to the hardpan.
- 9. The critical flow rates to initiate erosion are approximately 20 cfs and 60 cfs for compliance points #12 and #8, respectively. These values correspond to 11% and 21% of the 2-year peak flow as estimated from the HMS output; the 2-year discharges are 170 cfs and 280 cfs for compliance points #12 and #8, respectively.
- 10. The methods of flow duration control specified by this project should result in the total work for baseline conditions, done throughout the majority of the flow ranges, to closely match existing conditions. Should the range of geomorphically significant flows, yet to be set by the County, deviate from the standards proposed in this project, the project should theoretically meet those criteria.
- 11. The basins have been designed to meet the requirements of both flood control and hydromodification mitigation. Water quality function of the basins should also be possible through design and we recommend that the basins include measures to mitigate for summertime nuisance or irrigation runoff flows, thus minimizing the possibility of Kite Creek being converted from an ephemeral to perennial stream.
- 12. We understand that protection of Kite Creek is currently enforced by regulatory agencies through implementation of multiple preserves, and realizing that there are serious limitations to working within the preserves, we recommend that the flow duration control as described earlier in this memorandum be implemented in final design to avoid further anthropogenic impacts to Kite Creek beyond what has already occurred to present.

REFERENCES

Geosyntec. 2007. A Technical Study of Hydrology, Geomorphology, and Water Quality in the Laguna Creek Watershed.

Appendix B: Exhibits

Appendix B-1: Exhibit A: SunCreek Specific Plan – Vicinity Map

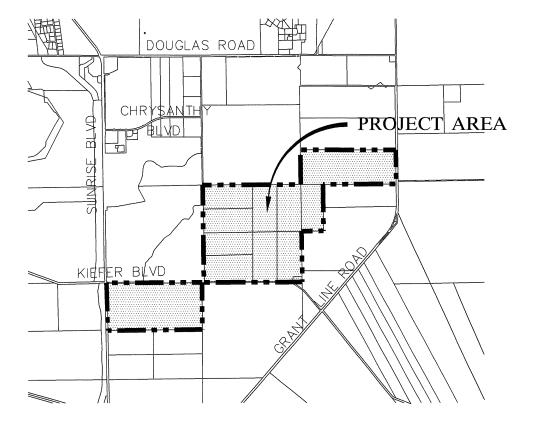




EXHIBIT A Vicinity Map

SunCreek Specific Plan County of Sacramento, California September 2010

September 2010

MACKAY & SOMPS

7991-00

Appendix B-2: Exhibit B: SunCreek Specific Plan – Land Use Plan

Appendix B-3: Exhibit C: SunCreek Specific Plan – Drainage Study Area Map

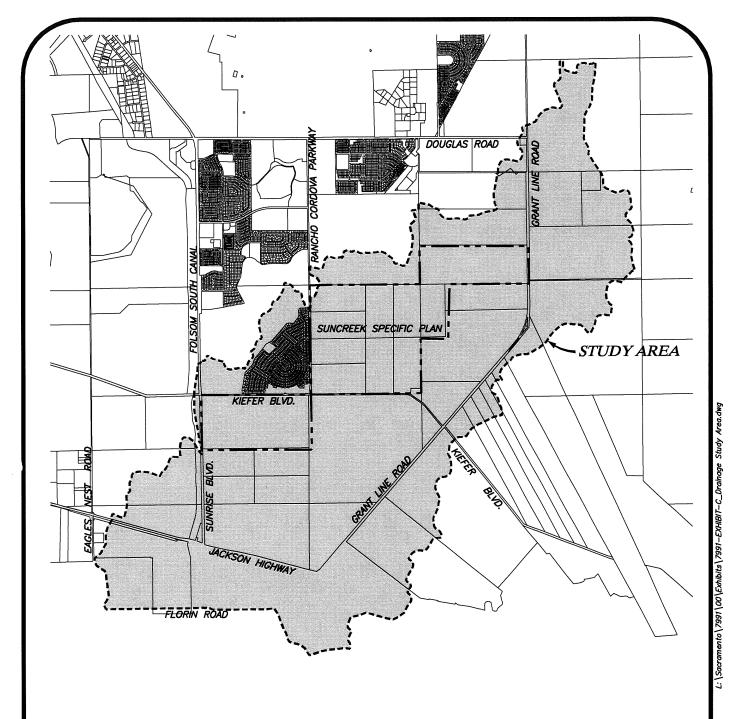




EXHIBIT C
Drainage Study Area Map

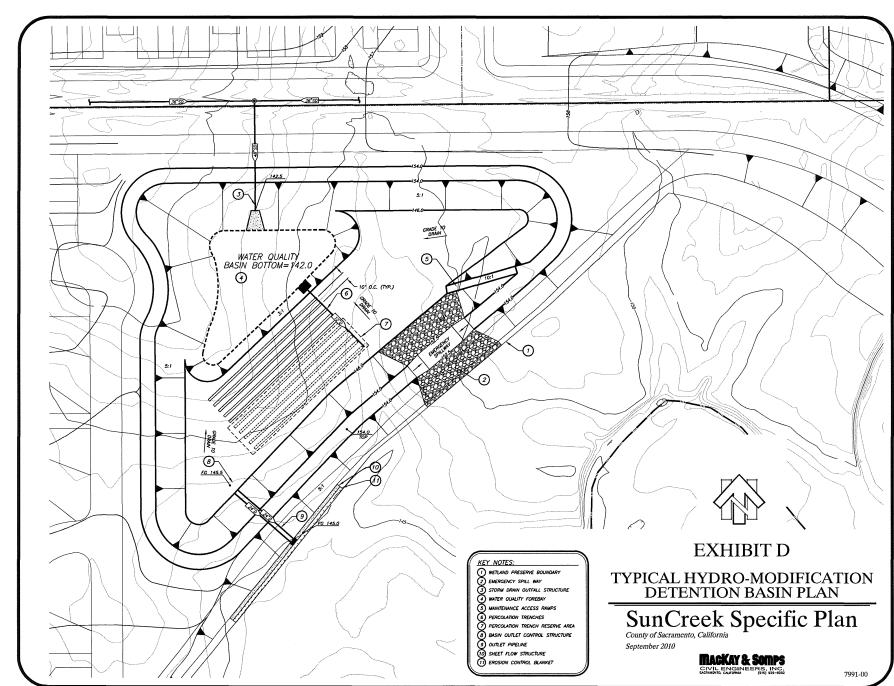
SunCreek Specific Plan

County of Sacramento, California

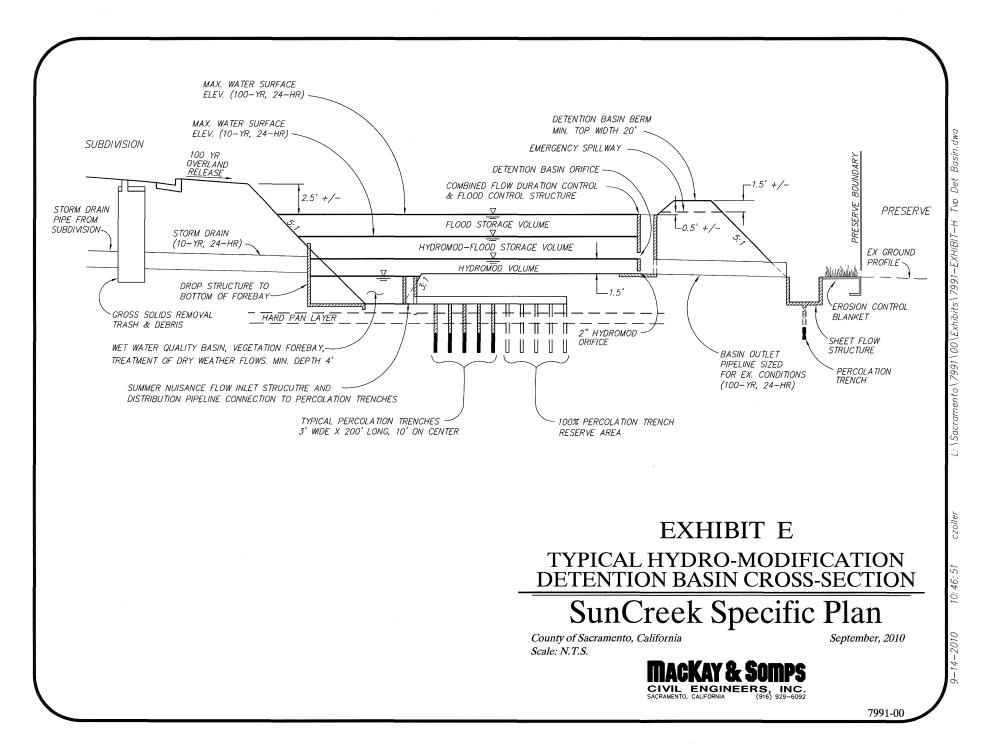
December 2008

MACKAY & SOMPS ENGINEERS PLANNERS SURVEYORS

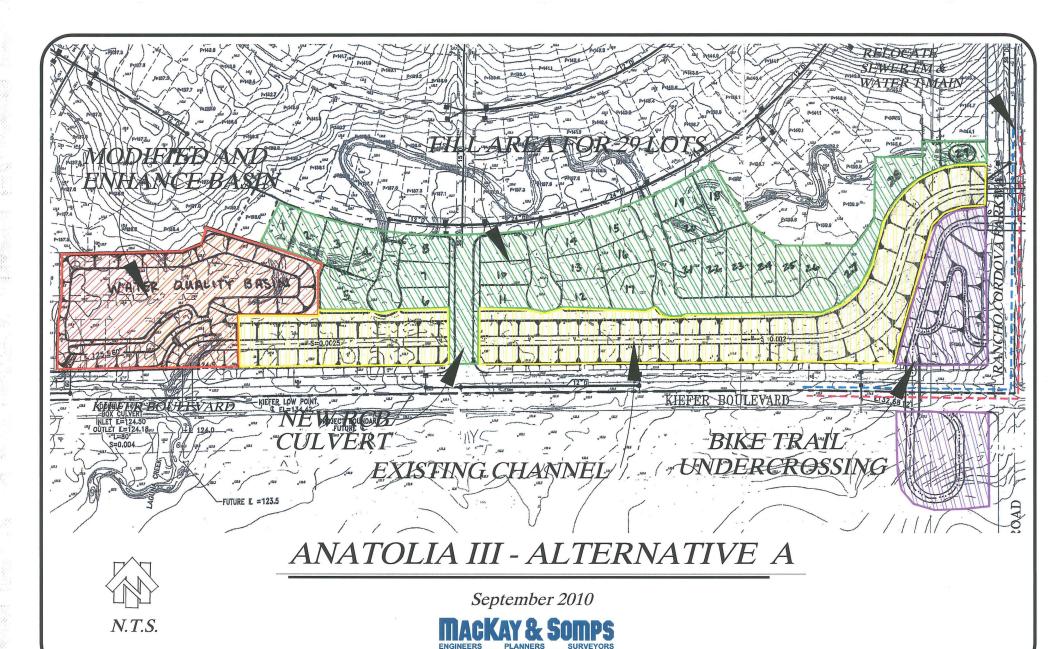
Appendix B-4: Exhibit D: SunCreek Specific Plan - Typical Hydro-modification Detention Basin Plan



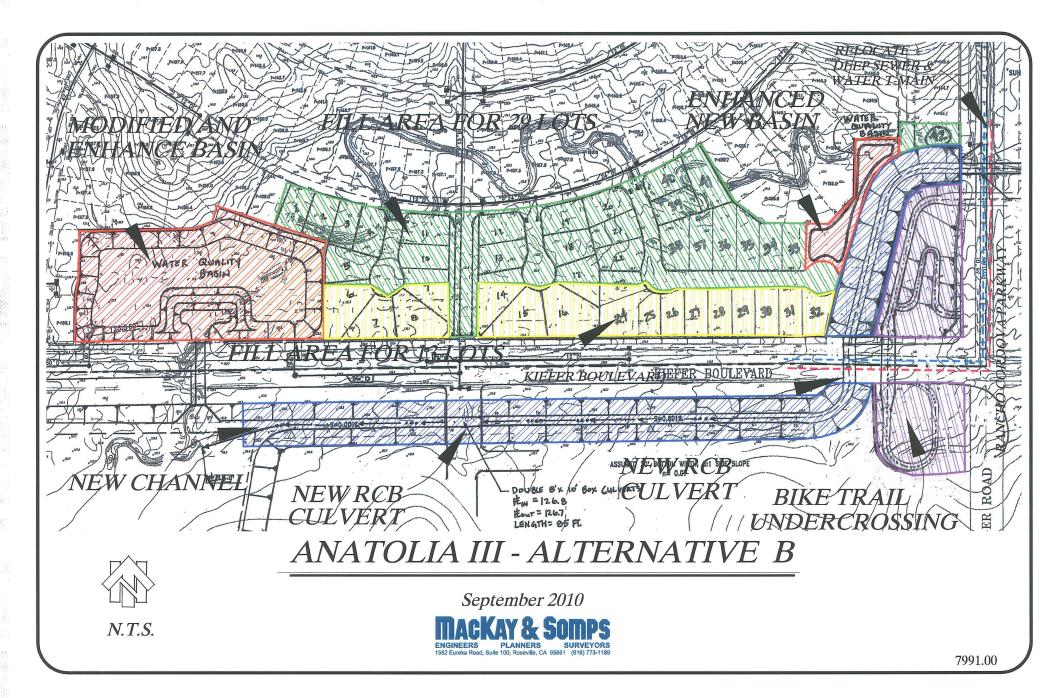
9–14–2010 11:29:51 catalor L:\Socramento\7991\, [] L:\Socramento\7991\00\700\M04029\CentestieFoes29.den Appendix B-5: Exhibit E: SunCreek Specific Plan – Typical Hydro-modification Detention Basin Cross-Section

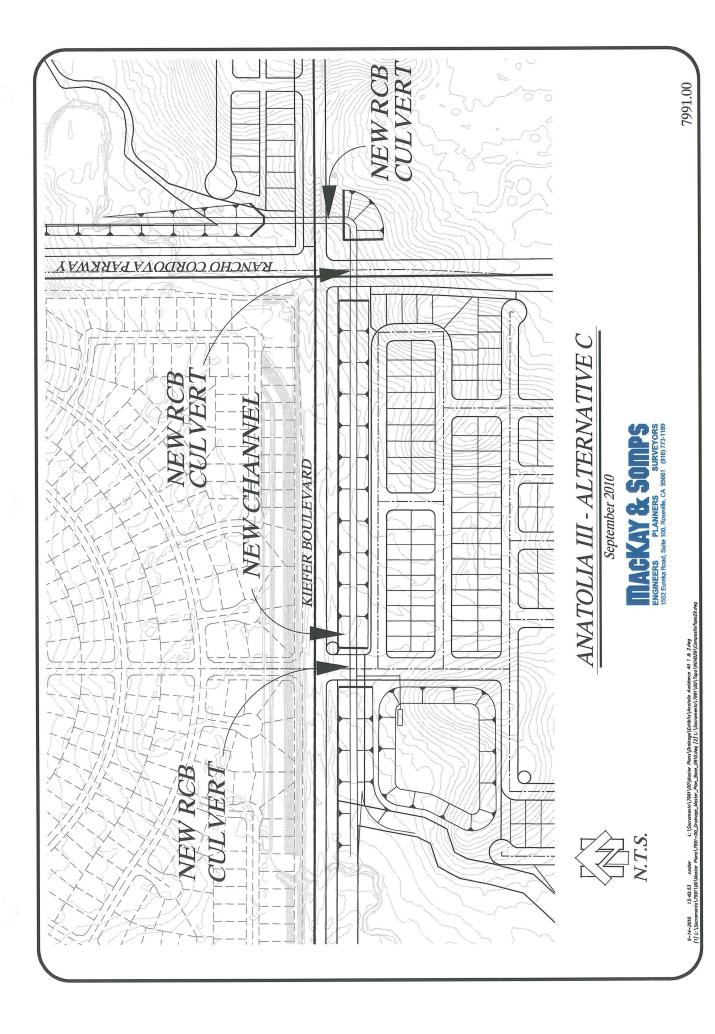


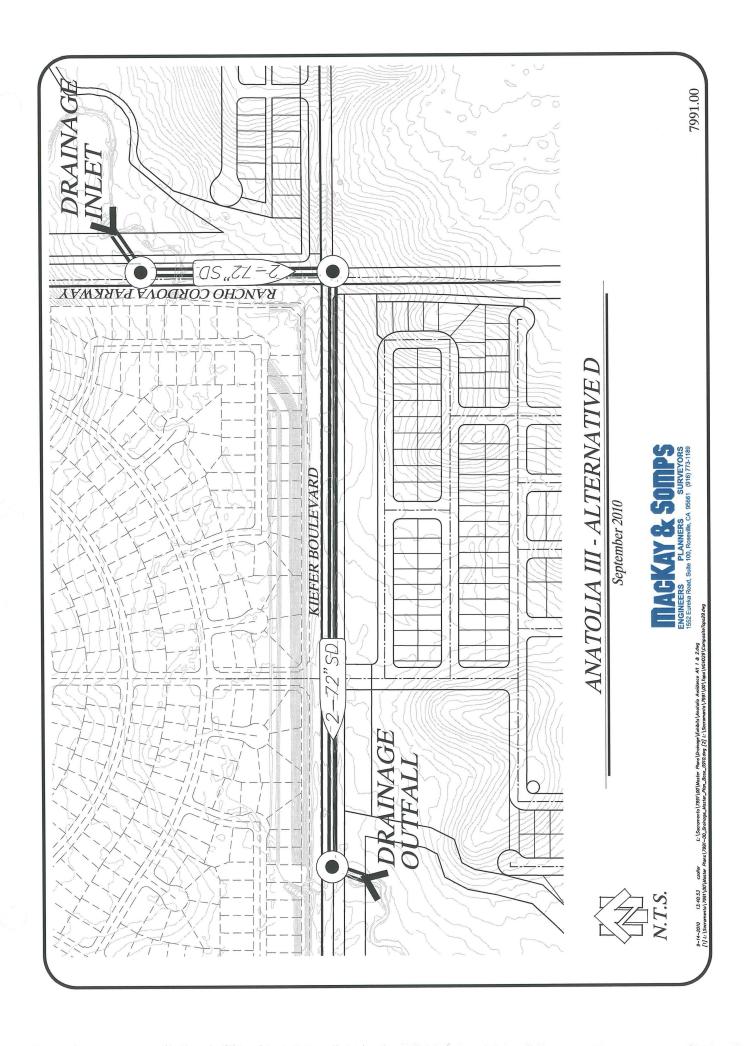
Appendix C: Schematic Design of Anatolia III – Alternatives 'A', 'B', 'C' and 'D'



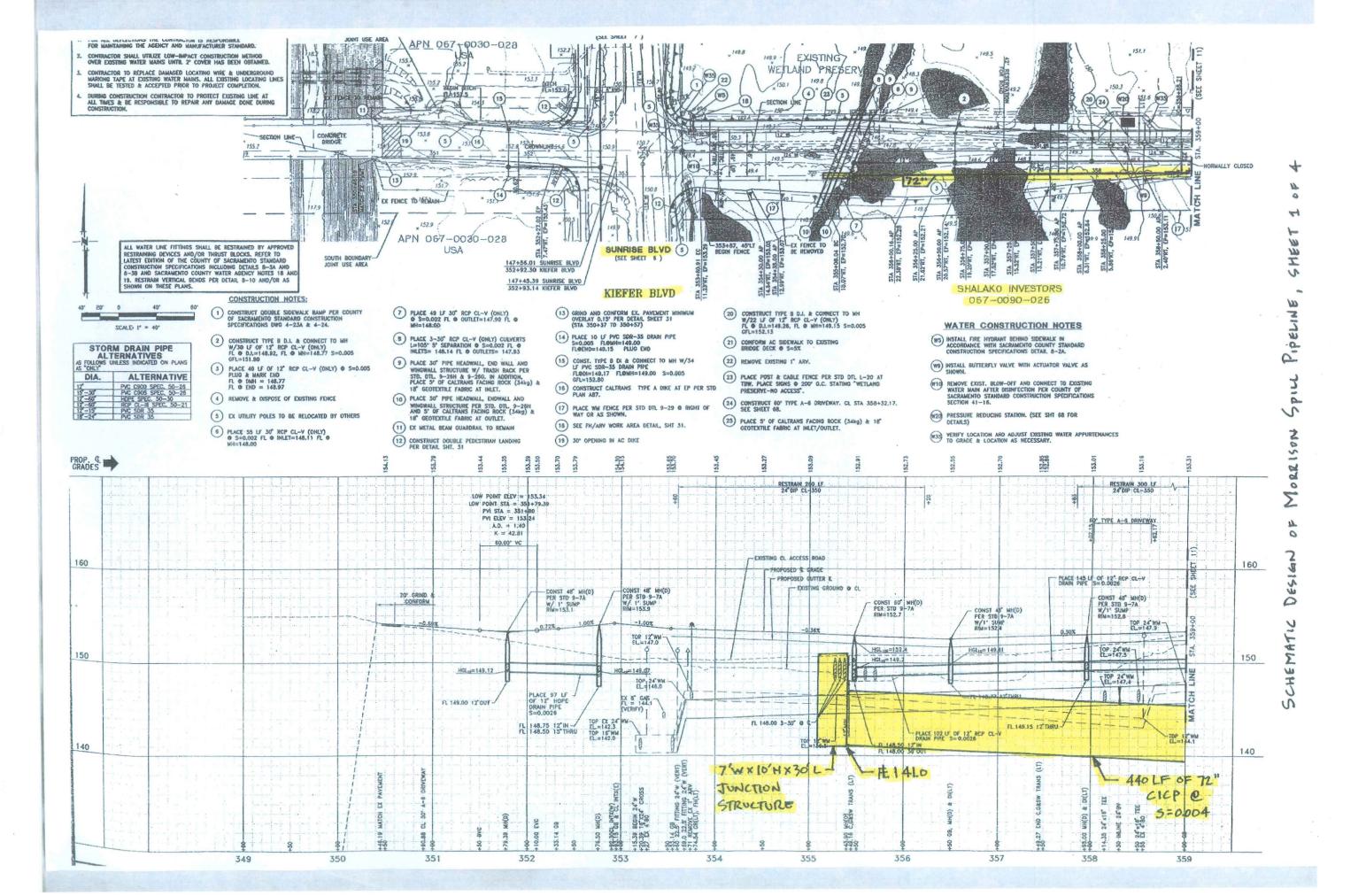
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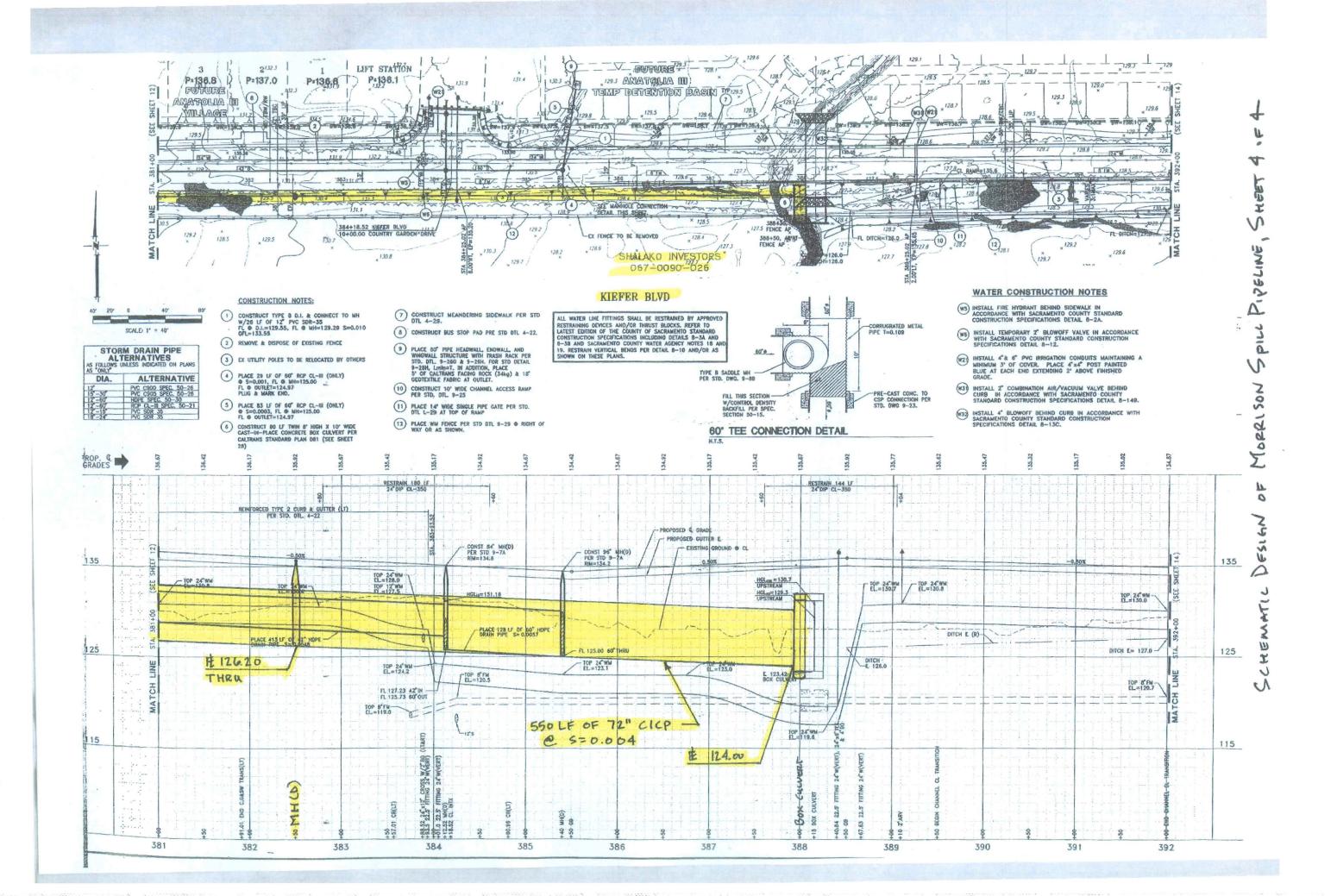




Appendix D: Schematic Design of Morrison Spill Pipeline



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Appendix E: Technical Memorandum – Stand Alone Detention Basin Alternative



TECHNICAL MEMORANDUM

Date:

September 15, 2010

To:

Bob Shattuck, Lennar Communities

From:

Craig Zoller, MacKay & Somps

TM No.:

Technical Memorandum No. 15

Subject:

Stand-Alone Detention Basin Alternative

SunCreek Specific Plan Rancho Cordova, CA

Job No.:

7991-10

Task No.:

Task B.7

A. Introduction

The Regional Master Drainage Study for SunCreek Specific Plan (SunCreek SDMP) divided the SunCreek Specific Plan Area (Plan Area) into twelve separate watersheds. Each watershed is designed to drain to a hydro-modification basin that provides water quality treatment, summertime nuisance runoff retention and peak runoff attenuation for storms up to the 100-year, 10-day event.

Three of the twelve watershed boundaries extend beyond the Plan Area boundaries. The SunCreek SDMP "Baseline Conditions" model included these "off-site" sub-watersheds as future development areas and connected them hydraulically to their watershed's hydro-modification basin. Therefore, the SunCreek SDMP watersheds that have contributing off-site areas are oversized to accommodate the future development of these off-site areas. The SunCreek SDMP assumed these off-site areas will develop utilizing the SunCreek detention for peak flow attenuation, hydro-modification flow duration control and water quality storage.

The intent of this technical memorandum is to document the size of these three basins (Basin's 3, 5 and 7) if these three off-site areas were to mitigate their peak flow, hydro-modification and water quality impacts within their own development ("on-site") and not in the SunCreek basins.

B. Methodology

Building on the storm drainage Sac-Calc 'Baseline Conditions' modeling contained in the SunCreek SDMP, the approach to this analysis is briefly summarized as follows:

-SINCE 1953-

1552 EUREKA ROAD SUITE 100 ROSEVILLE, CALIFORNIA 95661-3040 PHONE (916) 773-1189 FAX (916) 773-2595 OFFICES: PLEASANTON ROSEVILLE

www.msce.com

- 1. Prepare a revised watershed map that creates three additional subwatersheds for the 'off-site' areas. Connect these 'off-site' sub-watershed areas to the open space preserve with a dedicated pipe that is sized to convey undeveloped flows.
- 2. Revise the SDMP 'Baseline Conditions' model to determine the hydromodification basin sizes as if the Plan Area was to develop as a Stand-Alone Project that provides water quality treatment, summertime nuisance retention and peak flow attenuation for only the portion of the development within it's boundary.
- 3. Compare the hydro-modification basin sizes calculated with the Stand-Alone Detention Basin Alternative to the SDMP 'Baseline Conditions' hydro-modification basins. If these three off-site watershed areas are to be included in the final basin sizing for SunCreek, then the increase in hydro-modification basin volume from the Stand-Alone Detention Basin Alternative would represent the proportionate share of the costs to accommodate the off-site sub-watersheds into the 'Baseline Conditions' hydro-modification basins.

C. Analysis

In accordance with the methodology outlined above, the following analysis was performed:

The SDMP 'Baseline Condition' model was revised to a new Stand-Alone Detention Basin Model and included new upstream off-site, undeveloped grassland, sub-watershed areas. The Stand-Alone Detention Basin Model was run, routing each of the three upstream off-site areas runoff through dedicated pipelines to the open space preserve, effectively passing the upstream off-site existing condition runoff through the Plan Area. The Stand-Alone Detention Basin Model hydro-modification basin sizes where compared to the hydro-modification basin sizes from the SDMP 'Baseline Conditions' model. Reference Figure 1: Revised Detention Basin Sheds No. 3 and No. 5 and Figure 2: Revised Detention Basin Shed No. 9; to review the reconfigured portion of the SDMP for this Alternative.

D. Summary of Results

The SDMP 'Baseline Conditions' Alternative provides water quality treatment, summertime nuisance flow retention and hydro-modification detention for three upstream off-site areas. **Table 1: Hydro-modification Basin Fair Share**Contributions summarizes the increases in water quality treatment, summertime nuisance flow retention and hydro-modification basin volumes attributed to each of the upstream off-site areas.

Table 1: Hydro-modification Basin Offsite Shed Area's Fair Share Contribution

Basin No. 3	Stand-Alone (AF)	Baseline Conditions (AF)	Offsite Shed Area's % Share of Baseline
Shed Area (Acres)	56.0	76.9	27.2
Water Quality	1.6	2.2	27.3
Summertime Nuisance Flow (per day)	0.09	0.12	25.0
10-Year, 24-Hour Storm	4.7	11.5	59.1
100-Year, 10-Day Storm	9.6	21.3	54.9

Basin No. 5	Stand-Alone (AF)	Baseline Conditions (AF)	Offsite Shed Area's % Share of Baseline
Shed Area (Acres)	144.0	201.3	28.5
Water Quality	4.1	5.7	28.1
Summertime Nuisance Flow (per day)	0.22	0.31	29.0
10-Year, 24-Hour Storm	11.4	27.7	58.8
100-Year, 10-Day Storm	22.7	42.0	46.0

Basin No. 9	Stand-Alone (AF)	Baseline Conditions (AF)	Offsite Shed Area's % Share of Baseline
Shed Area (Acres)	54.0	82.2	34.3
Water Quality	1.5	2.3	34.8
Summertime Nuisance Flow (per day)	0.08	0.13	38.5
10-Year, 24-Hour Storm	4.0	10.9	63.3
100-Year, 10-Day Storm	7.7	16.8	54.2

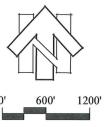
Technical Memorandum September 15, 2010 Page 4 of 8

E. Conclusion

The SDMP 'Baseline Condition Alternative' provides water quality treatment, summertime nuisance flow retention and peak flow attenuation for three off-site areas. This analysis provides the revised sizing of these basins if the off-site areas were to mitigate their own peak flow, hydro-modification and water quality impacts. The conclusions also provide a basis for preparing fair share agreements to include the developed runoff generated from these off-site areas in the Plan Area's hydro-modification basins if that eventuality occurs.

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Appendix A



Legend

PROPOSED CHANNEL

EXISTING CHANNEL

PROPOSED STORM DRAIN

PROPOSED STORM DRAIN (DEDICATED TO OPEN SPACE)

PROPOSED STORM DRAIN (INCLUDES OFFSITE DEVELOPED FLOWS)

DEVELOPED SHED BOUNDARY

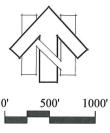
FIGURE 1
REVISED DETENTION BASIN
SHEDS NO. 3 AND NO. 5 EXHIBIT

SunCreek Specific Plan

City of Rancho Cordova, California

September 2010





Legend

PROPOSED CHANNEL

EXISTING CHANNEL

PROPOSED STORM DRAIN

PROPOSED STORM DRAIN (DEDICATED TO OPEN SPACE)

PROPOSED STORM DRAIN (INCLUDES OFFSITE DEVELOPED FLOWS)

DEVELOPED SHED BOUNDARY

FIGURE 2 REVISED DETENTION BASIN SHED NO. 9 EXHIBIT

SunCreek Specific Plan

City of Rancho Cordova, California

September 2010



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Sac-Calc Results

Sacramento County HEC-1 method

Project Title: Basin n Proposed Conditions Proposed Conditions With local detention - Baseline Condition 10 yr and 100 yr 24 hour stortms Revise tributaries to detention basins 3, 5, and 9

New York Condition Report September 15, 2010 16:10 Method: Sacra Proposed Conditions, with local detention - Baseline Condition 10 yr and 100 yr 24 hour stortms Revise tributaries to detention basins 3, 5, and 9

New York Conditions Proposed Conditions Pro

8/6/2008

Watershed Hydrologic Summary Data

		Mean	Lag Ti	mes	Basin	"n"	Loss	Rates	Percent Impervious		
Watershed	Area (acres)	Elevation (ft)	Method	Lag Time (min)	Method	Basin "n"	Method	Loss Rate (in/hr)	Method	Impervious Area (%)	
KCOS1	16.8	203.5	Basin "n"		Specified	0.07	Computed	-	Computed	-	
KCDV2	120.2	199.7	Basin "n"		Specified	0.043	Computed	•	Computed	-	
KCDV3	56	185	Basin "n"	-	Computed	-	Computed	-	Computed	-	
KCDV5	144	175	Basin "n"	•	Specified	0.051	Computed	-	Computed	-	
KCDV4	134.1	174	Basin "n"	-	Specified	0.044	Computed	-	Computed	-	
KCDV7	52	153.5	Basin "n"	-	Specified	0.037	Computed	-	Computed	-	
KCDV8	126.2	152.9	Basin "n"	-	Specified	0.043	Computed	-	Computed	-	
KCDV9	54	144.2	Basin "n"		Specified	.051	Computed	-	Computed	-	
KCOS02	54.9	166.3	Basin "n"	•	Specified	0.07	Computed	-	Computed	-	
KCOS03	17.7	153	Basin "n"	-	Specified	0.07	Computed	-	Computed		
OSKC05	102.3	181.5	Basin "n"		Specified	0.07	Computed	•	Computed	-	
KCDV06	106.9	166.5	Basin "n"	-	Specified	0.039	Computed	-	Computed	-	
KCOS04	29.3	145.2	Basin "n"		Specified	.070	Computed	-	Computed	-	
KCOS06	20.3	166	Basin "n"		Specified	0.07	Computed	-	Computed	•	
KCA3	297.3	151	Basin "n"	•	Specified	0.049	Computed	-	Computed	-	
KCOS11	11.1	157.5	Basin "n"	-	Specified	0 07	Computed	-	Computed	-	
KCDVII	13.8	145.1	Basin "n"	-	Specified	0.044	Computed		Computed	-	
KCDV10	68.4	140.1	Basin "n"	•	Specified	0.045	Computed	-	Computed	-	
KCDV12	96.8	138.3	Basin "n"	-	Specified	.042	Computed	-	Computed	-	
KCOS12	65	156.5	Basin "n"	•	Specified	0.070	Computed	-	Computed	-	
KCOS13	21	154	Basin "n"	-	Specified	0.070	Computed	-	Computed	-	
KCOS14	14	145.5	Basin "n"		Specified	.115	Computed	-	Computed	-	
KCOS15	68.2	122.5	Basin "n"		Specified	0.07	Computed	-	Computed	-	
KCOS3A	168.5	213	Basin "n"	-	Specified	0.07	Computed	-	Computed		
EXKC13	73.3	140	Basin "n"		Computed	-	Computed	-	Computed	-	
EXKC14	95.1	120	Basin "n"	-	Computed	-	Computed	-	Computed	-	
LCDV00	559.6	239.5	Basin "n"	-	Specified	0.115	Computed	-	Computed	-	
LCDV02	630.9	226	Basin "n"	•	Specified	0.115	Computed	-	Computed		
LCDV04	821.1	194	Basin "n"		Specified	0.115	Computed	-	Computed	-	
LCDV10	777.5	163.5	Basin "n"		Specified	0.115	Computed	-	Specified	0	
DVLC01	88.4	218.4	Basin "n"	-	Specified	0.05	Computed	-	Computed	-	
KC3	20.9	183.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-	
KC5	57.3	184.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-	
KC9	28.2	160.5	Basin "n"	-	Specified	0.070	Computed	-	Computed	-	

Basin "n" N	Channel	Centroid	TAIL COIN	Juderon	Land Use Impervious Area Percent (% or acres)																	
Watershed	Length	Length (ft)	Slope (ft/ft)	Channelization	95	90	85	80	75	70	60	50	('% or 40	acres)	25	20	15	10	5	2	1	1*
KCOS1	1576	850	0.0159	Undeveloped Developed	-	•	-	-:	-		-	-		-	-	÷	\equiv	-	-	-		-
KCDV2	3940	750	0.0156	Undeveloped		-	-	Ė	三		-	•	•	·	-	·	•	-	-	-	彐	-
KCDV3	1920	444	0.0042	Developed Undeveloped	2.6	6.8	-	·		-	8.1	21.4	-	-	-		•	-	12.9	4.2		-
				Developed Undeveloped	0	0	-	-			0	0	-	-		-	-	-	0	0	-	
KCDV5	4464	1907	0.0103	Developed	-	-	-	-		-		=	-	-	-	-	-	-	÷	-	\exists	Ξ
KCDV4	3297	917	0.003	Undeveloped Developed	•	-	-	<u>:</u>	-	-	•	-	-	-	-	-	-	•		-	-	-
KCDV7	1655	580	0.0091	Undeveloped Developed	÷	-	-	-	-	-	-	-	-	•	•	•	•	•	-	-	-	•
KCDV8	4054	2363	0.0081	Undeveloped Developed	-		-	- 1		•	-	-	-	-	-	-	-	-	-	-	-	-
KCDV9	4360	2120	.0083	Undeveloped Developed	-	-	•	-	•	-	-	-	-	-	-	·	÷	:		-	-	-
KCOS02	3900	2145	.005	Undeveloped	-	÷	-	-	•	÷	•	•	:	-	-	÷	$\overline{}$	-	·	·	-	-
KCOS03	2089	586	.0048	Undeveloped Undeveloped		-	-	-	-	-	-	-	-	-	-	-	÷	-	-	-	-	-
	ļ			Developed Undeveloped	-	-	-	-		-	-	-	-	÷	=	=	=	=	=		-	-
OSKC05	4804	2082	.0081	Developed Undeveloped	-	E	=	-	-	÷	÷	Ē	Ē	÷	=	=	÷	=	-	-	-	•
KCDV06	3313	1851	.0063	Developed	·	Ξ		-	Ξ	-	Ξ	=	Ŀ	三	Ξ	Ξ	Ē	Ŀ	-	-	-	-
KCOS04	2745	1385	005	Undeveloped Developed	:		:	-	-	Ė	-	-	-	-	<u>:</u>	÷	÷	Ė	-	=	-	=
KCOS06	2377	1387	0027	Undeveloped Developed	H÷	<u> </u>	-	-	-	-	-	-	+	-	-	-	÷	-	-	 -	-	-
KCA3	7016	3899	.006	Undeveloped Developed	=	E	-	-	·	÷	Ē	=	÷	-	-	-	-	-	-	-	-	-
KCOS11	726	572	.0069	Undeveloped Developed	-	÷	E	÷	-	÷	-	:	Ŀ	:	:	-	-	-	E	÷	:	=
KCDVII	850	322	.0213	Undeveloped	Ŀ	-	Ŀ	·	-	Ŀ	Ē	Ξ	Ξ	Ŀ	Ŀ	-	-	·	Ι-	Ė	·	Ŀ
KCDV10	2474	1482	.0178	Undeveloped	÷	÷	÷	÷	-	-	Ė	Ė	-	Ė	Ė	Ė	Ė	Ė	:	Ŀ	÷	Ė
KCDV12	3407	1720	.0119	Developed Undeveloped	÷	<u>:</u>	Ė	Ė	-	:	-	÷	Ë	÷	Ė	-	÷	Ė		Ė	-	Ė
KCOS12	2632	1237	.0057	Undeveloped Undeveloped	÷	 	=	-	-	-	-	-	-	-	-	-	1	+-	-	-	-	-
	ļ	ļ	ļ	Developed Undeveloped	-	-	-	-	-	:	÷	-	l:	Ė	:	-	:	1	-	E	-	=
KCOS13	1370	566	.0088	Developed Undeveloped	=	E	-	÷	Ē	=	-	÷	-	Ė	-	-	E	=	E	E	Ē	=
KCOS14	1990	1076	.0085	Developed	Ē	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ		-	-	Ŀ	Ξ	Ξ	=	-	·	-	·
KCOS15	3317	1334	.0027	Undeveloped Developed	-	÷	÷	Ė	Ė	Ė	Ė	Ė	<u> </u>	Ė	-	Ė	Ė	Ë	Ė	-	Ė	-
KCOS3A	3787	1555	.0132	Undeveloped Developed	<u>:</u>	-	-	-	-	-	-	-	-	-	-	•	÷	-	Ŀ	-	-	-
EXKC13	4651	2747	0105	Undeveloped Developed																100 0		
EXKC14	79700	3064	.003	Undeveloped Developed											<u> </u>			-		100		_
LCDV00	11854	5528	.0041	Undeveloped	-	Ŀ	Ŀ	Ŀ	-	-	-	ŀ	<u> </u> -	E	巨	E	Ē	-	1-	Ξ	Ŀ	Ŀ
LCDV02	11176	6192	.0054	Developed Undeveloped	<u>:</u>	-	÷	Ė	Ė	-	-	Ė	Ē	Ė	Ė	Ė	Ė	-	=	Ė	=	÷
LCDV04	<u> </u>	4400	.0055	Developed Undeveloped	Ė	Ė	-	=	Ė	Ė	Ė	Ē	<u> </u>	Ė	Ė	Ė	Ė	-	Ė	Ė	Ė	÷
LCDV10	<u> </u>	5366	.007	Developed Undeveloped	Ė	-	-	÷	÷	÷	÷	÷	Ė	=	Ė	Ė	Ė	-	·	<u>:</u>	-	-
DVLC01	2203	1102	.0108	Developed Undeveloped	-	-	-	-	-	-	-	Ė	-	-	-	-	-	-	-	-	-	-
	 	 	ļ	Developed Undeveloped	÷	E	-	÷	Ė	E	=	Ħ	=	=	-	=	ŀ	=	-	-	=	E
KC3	1371	693	.0124	Developed Undeveloped	<u> </u>	Ξ	-	Ē	·	Ξ	三	-	-	<u> </u> -	Ė	-	ΙΞ	ļ-	-	=	Ē	Ŀ
KC5	2074	1553	.013	Undeveloped	ŀ	H	H	 -	ŀ	 -	 -	 -	H	<u> </u>	╁	├	┝	+-	┼∸	H	一	-

L			l	1	Developed	<u> </u>	1 -	<u></u>	۱ -	۱ -	-	-	١.	۱.	-	-	l <u>-</u> 1		l - 1	_	_	<u> </u>	-
ſ	KC0	1927	1115	0.0161	Undeveloped		-	-	-	-	-	-	-		-	•	٠	-	-	-	-	-	-
I KC9	RCS	1727	1 ,,,,		Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		•

Refer to the Drainage manual for Land Use Imporvious Area Percent

Dense Oaks, Shrubs, Vines

nfiltration L	Soil							I	and Use	Impervi		a Percei	nt						
Watershed		95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	B C																4.8		<u> </u>
	D			 													12		
	В																		
KCDV2	C	1.1		 		}		26.2	12.2				<u> </u>		<u> </u>	8.2	2.2		⊢ —
	D B	2	 	 	├	<u> </u>		36.7	21.6				ļ		 	2.2	7.8		├
KCDV3	C			 	 	 	 					 - -	 	 	 				一
	D	2.6	6.8					8.1	21.4							12,9	4.2		
	В				ļ										<u> </u>				Ļ_
KCDV5	C D	7.2			-	-	3.7	25.9	81.2					├	├	23.7	1.2		
	В	1.2		 			3.7	23.9	61.2	-			 	-		23.7	1.2		\vdash
KCDV4	C				t		1										4.7		
	D						6.4	57.5	6.4	41						14	5.3		
M ODM	В	2.		ļ	ļ	<u> </u>	ļ				ļ	<u> </u>	<u> </u>	ļ	ļ	-			
KCDV7	C D	2.6 4.2	12.4		 	├──	11.6	15.7		-	 -	 	 	 		4.5			├
	В	7.2	12.7	 	 	 	11.0	15.7		 	·	 	 	-	ļ	1.5	 	 	一
KCDV8	С	1.6																	
_	D	5						58.9	37.2					<u> </u>		18.3	5.2		
W 0D1/0	В		ļ	ļ	-		ļ	ļ		ļ			├		ļ	ļ		<u> </u>	 —
KCDV9	C D	16.2	2.5	┼	-	-		 	24.5	1	 	┼	┼	 	┼	9.8	-	\vdash	\vdash
	В	10.2	2.3	╁	┼	<u> </u>	 	 	24.3	 '		 		$\vdash -$	 	7.0	-		+-
KCOS02	C	 	T	1	 	 	 	 	†	 		<u> </u>	<u> </u>	<u> </u>			16.3		1
	D																38.6		
	В																		
KCOS03	C				ļ	ļ		<u> </u>		ļ	ļ	ļ	<u> </u>	ļ	ļ		12.7		ـــ
	D B	 	├	├	┼	├	ļ		<u></u>	 			┼	┼─	 	┼	5	├	┼─
OSKC05	c		 	╁──	 	 	-	┼	 	 		_	1-	┼──	†	\vdash		_	+-
	D				1		1		 					1	 		102.3		T
	В																		
KCDV06	- C	0.9		↓			1		ļ	ļ		-	<u> </u>	<u> </u>	_	<u> </u>		<u> </u>	
	D B	23	 	┼	├─-	├	10.9	53.9	ļ				ļ	 	├─	5.5	12.7		┼
KCOS04	C		 	 		_	-	 	├─	 		-	+	+	 	+	20.4	-	┼
	D				1		1	†	†	t			 	 	†	1	8.9	 	t
	В																		
KCOS06	C	 	<u> </u>	ļ	 	<u> </u>	 	<u> </u>		<u> </u>		ļ	<u> </u>	<u> </u>	↓	<u> </u>	L		1
	D B	├	 	┼	┼─	+	┼		├		├	 	┼	-	┼	<u> </u>	20.3	├	┼
KCA3	C	 	 	╁	+-	 	-	 	120	┼──	 	 	┼─	+-	┼─	0.6	26.3	-	+-
	D			T	†			 	78.4	 	t	†	T	†	 	4.4	67.6	 	+
	В																		
KCOS11	C	ļ	ļ			igspace											5.9		\perp
	D B		├	┼	 	ļ	┼	 	<u> </u>	 	 	 -	 	 	 	┼	5.2	 	+-
KCDVII	C		 	+-	+	+	 	 	1	 	 	 	┼	-	┼	-		 	+
	D	2.1	┼──	+-	1	1	 	 	8.9	 	\vdash	+	+	+	 	2.8	+		+
	В																		
KCDV10	С																		厂
	D	5	5	 			ļ	 	13.2	32.5	 	 	 	_	 	8	4.7	 	+-
KCDV12	B C	1.5	}	+	-	 	 	┼	 		├─	-			+	+	1	┼	+-
NCD V 12	D	5.5	24	+	+	+-	+	 	23.2	24.9	 	+	+	+		15.8	1.3	+	+-
	В	1		1	†	 	 		123.2	27.7	<u> </u>	†	†	t	†	1.5.5	+ ==	 	+
KCOS12	С																27.1		
	D																37.9		\Box
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KCOS14	C D B	 												1.3	
KCOS14			- 1		_	1		 	 					19.7	
KCOS14	R 1	 	\dashv			 								17.17	
-	c	 	_	_		+		 	 	ļ					
	D		_		+	 			-	l				14	
	В	 	-			 		 							
KCOS15	C	 -+	-			 		 							
-	D	 -+	-					 						68.2	
	В		_					 -					-		
KCOS3A	c	 	\dashv	-		 		 						32.6	
-	D	 				+		 	 	_				135.9	
	В	 -+	\dashv		+	 		 				<u> </u>			
EXKC13	c	 		 	_				-					6.5	
-	D	 	-			+	-	<u> </u>						66.8	
	В	 	$\neg \uparrow$					 	-						
EXKC14	c	 	\neg		_			 	 					4.1	
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	В	 	-+			 		<u> </u>	 		 	<u> </u>	l		
LCDV00	C					 		 <u> </u>	 					307.2	
-	D	 	-+		_	+		 	 		-	 		252.4	
	В	 	_		_	+		 	1				 		
LCDV02	c	 	\dashv		 -	 		 	 		 		t	182.3	
-	D					 		 	-		 	·	 	448.6	
	В	 	_			 		 	 	-	 	·	 	1100	
LCDV04	С	 	_	_	_	 			 		i		<u> </u>	99.4	
-	D	 				1		 <u> </u>			1	 		721.7	 !
	В					1					1		 		
LCDV10	С										<u> </u>			637.9	
	D							 	1					139.6	<u> </u>
	В														
DVLC01	С					1.8	23.8				1	 	2.8	4.5	 <u> </u>
	D		$\neg \dagger$			23.6	8.2		 					23.7	
	В										1		<u> </u>		
KC3	С			1	1										
	D													20.9	
	В														
KC5	С														
	D													57.3	
	В														
KC9	С														
	D													28.2	

Refer to the help file for Land Use Impervious Area Percent

*Dense Oaks, Shrubs, Vines

Routing ID	Route From	Route To	Channel Type	Length (ft)	Slope (ft/ft)	Width or Diameter (ft)	Side Slope (H:V)	Mannings "n"
R1	DET03	JKC3	Pipe	2814	0.005	3	3:1	0,015
R6A	OSKC05	J06	Trapezoidal	555	0.007	20	4:1	0.030
R4	J03	J04	Trapezoidal	2319	0,0048	30	4:1	0.014
R5	J04	J05	Trapezoidal	2582	0.0039	20	3:1	0.015
R7	J06	J7	Trapezoidal	2058	0.0025	20	3;1	0,025
R2A	KCOS1	J02	Trapezoidal	1510	0.0159	05	3:1	0.03
R2	J1	J02	Trapezoidal	644	0.0047	5	3:1	0.03
R3	J02	J03	Trapezoidal	3485	.0313	5	3:1	0.03
R6	J05	J06	Trapezoidal	2283	0.0031	20	3:1	0.03
R8	J7	J08	Trapezoidal	95	0.0025	10	1:1	0.025
R8A	KCOS11	J08	Pipe	I 147	0.005	3		0.015
R9	J08	19	Trapezoidal	3214	0.0019	20	3:1	0.03
R10B	KCOS12	J08	Trapezoidal	524	0.005	20	3:1	0,03
R10C	KCOS13	J10C	Trapezoidal	1398	0.005	10	3:1	0.03
R10D	J10C	J10	Pipe	2907	0.0034	4		0.015
R3A	KCOS3A	JKC3	Pipe	2628	0.005	5		0.015
R10	J10	J11	Trapezoidal	1028	0.0022	15	2.5:1	0.07
R11	Jll	J12	Trapezoidal	2966	0.0022	15	2.5:1	0.07
R21A	J20	R21B	Trapezoidal	6000	0.0032	20	4:1	0.03
R21B	R21A	J21	Trapezoidal	5933	0.0032	20	4:1	0.03
R22	J21	J22	Trapezoidal	7495	0.0055	20	3:1	0.03
R23	J22		Trapezoidal	1171	0.0026	10	2:1	0.03
R20	LCDV00	J20A	Trapezoidal	27 21	.0026	20	3:1	0.015
R20B	J20A	J20	Trapezoidal	2119	0.00566	20	3:1	0.07
KC3R	KC3	J1	Pipe	818	.005	4		0.013
KC5R	KC5	JKC5	Pipe	2330	0.005	4		0.013
KC9R	KC9	JKC9	Pipe	1972	0.005	4		0.013

Birvation Initial Condition	_			[]	- T		t Data	
AJDET April April	Detention Basin	Initial Co	ndition					Pond St	orage Re	lation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
ASDET ASDET			0		127.4	128.5	128.5	130.5	131.5						124.41	.54	.61	0.5
ASDET Pump Hydrograph Name Pump Discharge (cfs) Pump Hydrograph Name Pump Discharge (cfs) Pump Discha		(ft)	V		6.38	6.61	6.89	7.23	7.81						128.50	84	2.6	1.5
Pump											T							
Deeming Deem	ASDEL	Pump Hy	drogran	h Name	ļ	Pump D	ischarge		Pu	mp l	Pun	np 2	Pum	p 3	Purr	np 4	Pun	ı <u>p 5</u>
Part						(c	fs)				ļ							
Determition Basin		1			Elevatio			Turns Or	1		1							
Detention Basin					Elevat	ion at wh	ich Pum	p Turns										
Definition Def																	et Data	
Part		Initial Co	ndition					Pond St	torage Re	lation							Q Coef.	Expone
Column		Elevation	100		172	173	174	175	176	177	178	179	180	181	172.875		.61	0.5
Pump Hydrograph Name		(ft)	172		2.108	2.249	2.395	2.546	2.701	2.861	3.025	3.194	3.368	3.546	180.5	230	2,6	1.5
Pump Hydrograph Name																	·	
Detention Basin Initial Condition	DE 102	Pump Hy	drogran	h Name		Pump D	ischarge		Pun	np l	Pun	ip 2	Pun	np 3	Pun	np 4	Pur	np 5
Detention Basin Detention Basin Detention Basin Detention Basin Detention Basin Detention Basin Detentio						(cl	ŝ)										<u> </u>	
Detention Basin					Elevati			Turns										
Patricial Components					Elevati	on at wh	ich Pump	Turns										
Detention Basin Initial Condition Initia				T		Off	(It)								-	Outl	et Data	
Elevation (ft) 171.5 171.5 171.5 171.5 172.5 173.5 174.5 175																Area	1	Evnone
Elevation (ft)	Basin	Initial Co	ndition	Flourtion	I	Γ -	Τ	Pond S	torage Re	elation	1	т	1	T	(ft)	(sq ft)	1 2 2 2 2 2	
DETIO3 Pump Hydrograph Name Pump Discharge (cfs) Pump Tums Off (ft) Pump I Pump I			171.5	(ft)	171.5	172.5	173.5	174.5	175.5	176.5	177.5	178.5	179	<u> </u>	171.91	.545	.61	0.5
Pump Hydrograph Name					1.435	1.552	1.674	1.8	1		2,206	2.351	2,425		178.5	190	2.6	1.5
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	DET03										Pu	mp 2	Pur	np 3	Pur	np 4	Pur	np 5
Detention Basin		Pump Hy	drograp	h Name				:										
Detention Basin					Elevat			p Turns			 		1					
Detention Basin Detention Basin Detention Basin Detention Basin Detention Detention Basin Detention De					Elevat	ion at wh	ich Pum	p Turns	ļ —								-	
Pasin Initial Condition Pond Storage Relation Fond Storage Relation		l				O ₁	(11)		1		1					Outl	et Data	
Elevation (ft) 162 163 164 165 166 167 168 169 170 170.5 162.875 2.41 .61 0		Initial Co.	ndition					Pond S	torane Da	dation					Elev.	Area (sa ft)	Q Coef.	Expone
DET04 Continue					162	163	164				168	169	170	170,5		1	.61	0.5
Pump Hydrograph Name			162		3.636	3.821	4.011	4.205	4.404	4.608	4.816	5.028	5.245	5.356	170	251	2.6	1.5
Pump Hydrograph Name																		
Cefs	DET04	Pump Hve	drograp	h Name		Pump D	ischarge		Pun	np 1	Pun	ıp 2	Pun	1p 3	Pur	np 4	Pur	np 5
Con (ft) Elevation at which Pump Turns Off (ft)						(cf	s)											
Off (ft)					Elevati			Turns									į	
Detention Basin Initial Condition					Elevati	on at wh	ich Pump	Turns										
Basin Initial Condition Pond Storage Relation (ft) (sq ft) Q Coef. Expo 159 (ft) 159 160 161 162 163 164 165 166 159.5 1.57 .61 0							(-1)									Outl	et Data	
159 160 161 162 163 164 165 166 159.5 1.57 .61 0		Initial Co.	ndition					Don's	torage D	elation						Area	Q Coef.	Expone
	Du3111	ATTION CO			159	160	161	1	T	1	165	166						0.5
		Elevation			 	 		 	 	1	 	 	+	 	 		1	

	(ft)		Area (ac)	3.954	4.147	4.344	4.546	4.753	4.964	5,18	5.4		į	165.5	315	2.6	1.5
			(ac)					Pump	Data	l							
	. ,,		.,					Pun	np 1	Pun	np 2	Pun	ıp 3	Pum	p 4	Pun	p 5
DET05	Pump Hy	drograpi	i Name		Pump D	ischarge fs)		İ									
					on at wh On	ich Pum _l (ft)											
				Elevat	on at wh Off		Turns										
						(-7		<u> </u>				L			Outle	t Data	
Detention Basin	Initial Co	ndition					Dond C	torage Re	Jation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
Dasiii	Initial Co	HULLION	Elevation									<u> </u>					
	Elevation (ft)	146.5	(ft)	146.5	147.5	148.5	149.5	150.5	151.5	152.5	153.5	154		147	1.57	.61	0.5
			(ac)	3,143	3.315	3.492	3.673	3.859	4.05	4.245	4.444	4.546		153.5	170	2.6	1.5
p.p.gro.c								Pump									
DET06	Pump Hy	drograpi	Name		Pump D	ischarge		Pun	np I	Pun	np 2	Pun	np 3	Pun	1p 4	Pun	1p 5
					(c	fs)											
				Elevat	ion at wh	ich Pum (ft)	p Turns										
				Elevat	ion at wh	ich Pum	p Turns										
	ļ		T		Off	(ft)								-	0.41	et Data	
Detention]													Elev.	Area	T	F
Basin	Initial Co	ndition		· · · · ·	·		Pond S	torage Re	lation	T		1	·	(ft)	(sq ft)	Q Coer.	Exponent
	Elevation	139.5	Elevation (ft)	139.5	140.5	143.5	141.5	142.5	144.5	145.5	146.5	147		140.	1.57	.61	0,5
	(ft)		Area (ac)	1.042	1.142	1.246	1.356	1.469	1,588	1.711	1.839	1,904		146.5	135	2.6	1.5
		l,	I	l	L	l	L	Pump	Data	L	I	1	L	l,		L	
DET07								Pur	np 1	Pur	np 2	Pur	np 3	Pun	np 4	Pun	1p 5
	Pump Hy	drograpi	n Name			ischarge fs)											
				Elevat	ion at wh	ich Pum	p Turns										
				Flevat	On ion at wh	(ft) ich Pum	n Turns					-		-			
				Sievan		(ft)	7 1 111113					<u> </u>				<u> </u>	
Detention														Elev.	Outle Area	et Data	,
Basin	Initial Co	ndition					Pond St	orage Ro	lation					(ft)	(sq ft)	Q Coef.	Exponen
	Elevation	137.5	Elevation (ft)	137.5	138.5	139.5	140.5	141.5	142.5	143.5	144.5	145.5	146	138.375	2.41	.61	0.5
	(ft)	157.5	Area	2.748	2.909	3.075	3.246	3.42	3.6	3.784	3.973	4.166	4.264	145.5	235	2.6	1.5
		l	(ac)					Pump	Data								
DET08								Pum		Pum	p 2	Pun	ip 3	Pun	np 4	Pur	np 5
	Pump Hy	drograpl	n Name		Pump D												
				Elevati	(ci on at whi On	ich Pump	Turns										
				Elevati	on at wh	ich Pump	Turns										
	-				Off	(11)		<u> </u>							Outi	et Data	
Detention	1-22-2													Elev.	Area	T	Exponen
Basin	Initial Co	naition	Elevation	l .	I	l		torage Re		ή	T	T	T	(ft)	(sq ft)		 -
	Elevation (ft)	130.5	(ft)	130.5	131.5	132.5	133.5	134,5	135.5	136.5	137.5	138.5		131.	.785	.61	0.5
			Area (ac)	1.322	1.435	1.552	1.674	1.8	1.931	2.066	2,206	2.351		138	130	2.6	1.5
DET09								Pump		γ		,					
	Pump Hy	drograpi	h Name		Pump D	ischarge fs)		Pur	np I	Pur	np 2	Pur	np 3	Pur	np 4	Pur	np 5
			····	Elevat	ion at wh		p Turns										

	I				On	(ft)				l		<u> </u>					
				Elevati	ion at wh Off		Turns										
																t Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation				-	Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation	130.5	Elevation (ft)	132,5	133,5	134.5	135.5	136.5	137.5	138.5	139.5			133	.785	.61	0.5
	(ft)		Area (ac)	0,119	0,154	0.194	0,239	0,288	0.342	0.4	0.463			139	50	2.6	1.5
DETII	-							Pump	Data np l	Pu	mp 2	Pur	np 3	Pum	n 4	Pun	n 5
	Pump Hy	drograpi	n Name		Pump D	ischarge fs)			р.		p 2				<i>p</i> .		.p v
				Elevat	ion at wh On	ich Pum _l (ft)	Tums										
				Elevat	ion at wh Off	ich Pum _l (fl)	Tums										
Detention														Elev.	Outle Area	et Data	r
Basin	Initial Co	ndition					Pond S	orage Re	lation					(ft)	(sq ft)	Q Coef.	Exponent
	Elevation	127.5	Elevation (ft)	127.5	128.5	129.5	130.5	131.5	132.5	133.5	134.5	135.5	136	128.0	1.57	.61	0.5
1	(ft)	127.3	Area (ac)	0.946	1.042	1.142	1.246	1.356	1.469	1.588	1.711	1.839	1.904	135.5	150	2.6	1.5
DETIO								Pump		n	2	D			1		
DET10	Pump Hy	drograpl	n Name		Pump D			Pun	ip i	Pun	1p 2	Pun	ъ э	Pun	ip 4	ru	np 5
			:	Elevati	ion at wh On	ich Pum	Turns										
				Elevati	on at wh Off		Turns										
S:	1													FI. 1		et Data	
Detention Basin	Initial Co	ndition	F1 .:				Pond St	orage Re	elation		Т	1	T	Elev. (ft)	Area (sq ft)	Q Coef.	Exponen
	Elevation (ft)	127.5	Elevation (ft)	127.5	128.5	129.5	130.5	131.5	132.5	133.5	134.5	135	ļ	128.0	2.355	.61	0.5
	(11)		Area (ac)	2.321	2.47	2.623	2.78	2.942	3.109	3.28	3.456	3.546		134.5	200	2.6	1.5
DET12								Pump	Data np l	Piu	mp 2	Pur	np 3	Pun	ın 4	Pur	np 5
DE. 12	Pump Hy	drograpi	h Name			ischarge fs)		1	np i	1	p 2	1	<u> </u>	1	. <u>k -</u>		
				Elevat	ion at wh	ich Pum	p Turns										
				Elevat	ion at wh	ich Pum (ft)	p Turns		-								
			[· · · · · ·	_	1		<u></u>		1			Outl	et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation	····				Elev. (ft)	Area (sq ft)	Q Coef	Exponen
	Elevation	207.5	Elevation (ft)	207.5	208.5	209.5	210.5	211.5	212.5	213.5	214.5	215.5	216.5	208.125	1.23	.61	0.5
	(ft)	207.3	Area (ac)	1.214	1.322	1.435	1.552	1.674	1.8	1.931	2.066	2.206	2.351	216	190	2.6	1.5
								Pump								T -	
DET01	Pump Hy	drograp	h Name		Pump D	ischarge		Pun	ıp l	Pun	np 2	Pun	ър 3	Pun	1p 4	Pw	mp 5
				Elevati	on at wh	ich Pump	Turns	-									
				Elevati	on at wh Off	ich Pump	Turns										

View HEC-1 output

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 1-day rainfall)

ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)
				(ICCI)	(aC-11)	(00-11)
KCOS15 KCA3	82.	12:30 12:34	.11 .46			
	336.			120	1.5	
A3DET	276.	12:46	.46	130.	15.	
OSKC05	116.	12:33	.16			
R6A	116.	12:34	.16			
KCOS06	60.	12:04	.03			
KCOS02	61.	12:34	.09			
KCOS1	31.	12:14	.03			
R2A	31.	12:18	.03			
KCDV2	253.	12:11	.19			
DET02	27.	13:42	.19	178.	16.	
KC3	40.	12:13	.03			
KC3R	40.	12:14	.03			
KCDV3	88.	12:19	.09			
DET03	5.6	17:19	.09	177.	10.	
R1	5.6	17:25	.09			
KCOS3A	224.	12:25	.26			
R3A	224.	12:28	.26			
JKC3	228.	12:28	.35			
J1	276.	12:28	.57			
R2	276.	12:29	.57			
J02	297.	12:28	.60			
R3	297.	12:32	.60			
KCDV4	238.	12:15	.21			
DET04	24.	15:04	.21	167.	21.	
J03	379.	12:33	.89			
R4	378.	12:36	.89			
KCOS03	29.	12:17	.03			
KCDV5	217.	12:21	.23			
DET05	18.	15:47	.23	165.	25.	
KC5	87.	12:20	.09			
KC5R	86.	12:23	.09			
JKC5	99.	12:23	.31			
J04	474.	12:34	1.24			
R5	472.	12:38	1.24			

KCOS04	74.	12,07	.05				
KCDV06		12:07					
1	193.	12:15	.17	150	10		
DET06	17.	15:20	.17	152.	18.		
J05	504.	12:37	1.45				
R6	500.	12:42	1.45				
KCDV7	138.	12:06	.08				
DET07	16.	13:07	.08	144.	6.0	.00	
KCDV8	201.	12:19	.20				
DET08	26.	14:33	.20	143.	18.	.00	
J06	653.	12:41	1.92				
R7	649.	12:45	1.92				
J7	925.	12:45	2.38				
R8	924.	12:45	2.38				
KCOS11	23.	12:10	.02				
R8A	23.	12:13	.02				
KCOS12	89.	12:23	.10				
R10B	89.	12:25	.10				
KCDVII	43.	12:04	.02				
DET11	8.0	12:34	.02	137.	1.0	.00	
KCDV9	79.	12:23	.08				
DET09	8.6	15:28	.08	136.	8.8		
KC9	47.	12:17	.04				
KC9R	47.	12:20	.04				
JKC9	53.	12:20	.13				
108	1025.	12:44	2.65				
R9	1005.	12:52	2.65				
19	1059.	12:51	2.76				
KCOS14	16.	12:32	.02				
KCOS13	40.	12:13	.03				
R10C	39.	12:18	.03				
J10C	51,	12:19	.05				
R10D	51.	12:26	.05				
KCDV10	137.	12:12	.11				
DET10	19.	13:37	.11	134.	7.7		
KCDV12	1 78 .	12:14	.15				
DET12	24.	13:52	.15	132.	13.	.00	
J10	1129.	12:51	3.07	. 		- 	
R10	1113.	12:54	3.07				
EXKC13	151.	12:11	.11				
J11	1145.	12:54	3.19				
R11	1106.	13:04	3.19				

EXKC14	34.	15:09	.15			
J12	1122.	13:04	3.33			
LCDV02	314.	13:52	.99			
DVLC01	170.	12:13	.14			
DET01	15.	14:28	.14	215.	12.	
LCDV00	269.	13:55	.87			
R20	269.	14:01	.87			
J20A	284.	14:01	1.01			!
R20B	284.	14:09	1.01			ļ
J20	591.	14:01	2.00			
R21A	590.	14:14	2.00			
R21B	588.	14:28	2.00			
LCDV04	421.	13:49	1.28			
J21	944.	14:15	3.28			
R22	943.	14:27	3.28			
LCDV10	386.	13:47	1.21			
J22	1263.	14:15	4.50			
R23	1262.	14:17	4.50			

(10-year, 1-day rainfall)

ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)
KCOS15	44.	12:30	.11	 		
KCA3	184.	12:34	.46			
A3DET	142.	12:51	.46	129.	12.	
OSKC05	63.	12:33	.16			
R6A	63.	12:35	.16			
KCOS06	30.	12:04	.03			
KCOS02	33.	12:33	.09			
KCOS1	16.	12:14	.03			
R2A	16.	12:19	.03			
KCDV2	132.	12:11	.19			
DET02	21.	13:36	.19	176.	9.9	
KC3	21.	12:13	.03			
KC3R	21.	12:14	.03			
KCDV3	47.	12:19	.09			
DET03	4.4	15:37	.09	175.	6.2	
R1	4.4	15:46	.09			
KCOS3A	119.	12:25	.26			
R3A	119.	12:29	.26			
JKC3	122.	12:29	.35			

11	154.	12:28	.57				
R2	153.	12:30	.57				
J02	165.	12:29	.60				
R3	165.	12:34	.60				
KCDV4	127.	12:15	.21				
DET04	18.	14:03	.21	165.	13.		
J03	214.	12:34	.89				
R4	213.	12:38	.89				
KCOS03	15.	12:17	.03				
KCDV5	117.	12:21	.23				
DET05	14.	15:23	.23	163.	15.		
KC5	46.	12:20	.09				
KC5R	46.	12:24	.09				
JKC5	56.	12:24	.31				
J04	266.	12:36	1.24				
R5	266.	12:41	1.24				
KCOS04	37.	12:07	.05				
KCDV06	103.	12:15	.17				
DET06	13.	14:39	.17	150.	11.		
J05	287.	12:40	1.45		•••		
R6	284.	12:47	1.45				
KCDV7	72.	12:06	.08				
DET07	13.	13:10	.08	143.	3.6	.00	
KCDV8	108.	12:19	.20		5.0	,,,,	
DET08	20.	14:05	.20	141.	12.	.00	
J06	375.	12:45	1.92				
R7	373.	12:50	1.92				
J7	515.	12:50	2.38				
R8	515.	12:50	2.38				
KCOS11	12.	12:10	.02				
R8A	12.	12:13	.02				
KCOS12	47.	12:23	.10				
R10B	47.	12:26	.10				
KCDV11	22.	12:04	.02				
DETI1	6.0	12:27	.02	135.	.5		
KCDV9	43.	12:22	.08		,-		
DET09	6.8	15:03	.08	134.	5.4		
KC9	25.	12:17	.04	·•			
KC9R	25.	12:20	.04				
JKC9	30.	12:20	.13				
108	570.	12:49	2.65				
1							

R9	562.	12:58	2.65				
J9	590.	12:58	2.76				
KCOS14	8.7	12:32	.02				
KCOS13	21.	12:13	.03				
R10C	21.	12:20	.03				
J10C	27.	12:21	.05				
RIOD	27.	12:28	.05				
KCDV10	72.	12:12	.11				
DET10	15.	13:28	.11	131.	4.4		
KCDV12	95.	12:14	.15				
DET12	19.	13:43	.15	131.	7.7	.00	
J10	637.	12:57	3.07				
R10	630.	13:02	3.07				
EXKC13	78.	12:11	.11				
111	652.	13:01	3.19				
R11	634.	13:14	3.19				
EXKC14	20.	15:11	.15				
J12	644.	13:14	3.33				
LCDV02	182.	13:54	.99				
DVLC01	90.	12:13	.14				
DET01	12.	13:49	.14	212.	7.0		
LCDV00	155.	13:57	.87				
R20	155.	14:03	.87				
J20A	166.	14:03	1.01				
R20B	166.	14:14	1.01				
J20	344.	14:03	2.00				
R21A	343.	14:19	2.00				
R21B	342.	14:36	2.00				
LCDV04	245.	13:51	1.28				
J21	546.	14:23	3.28				
R22	546.	14:37	3.28				
LCDV10	218.	13:49	1.21				
J22	720.	14:26	4.50				
R23	720.	14:28	4.50				

View HEC-1 output

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 10-day rainfall)

		(10	00-year, 10-day	rainfall)		
	Peak	Time of	Basin	Peak	Peak	
	flow	peak	area	stage	storage	Diversion volume
ID	(cfs)	(hours)	(sq. mi)	(feet)	(ac-ft)	(ac-ft)
OSKC05	58.	153:11	.16			
R6A	58.	153:14	.16			
KCOS06	13.	152:48	.03			
KCOS02	30.	153:12	.09			
KCOS1	11.	153:01	.03			
R2A	11.	153:07	.03			
KCDV2	82.	153:00	.19			
DET02	26.	154:13	.19	178.	15.	.00
KC3	13.	153:01	.03			
KC3R	13.	153:03	.03			
KCDV3	37.	153:03	.09			
DET03	5.8	154:48	.09	178.	11.	
RI	5.8	154:56	.09			
KCOS3A	100.	153:06	.26			
R3A	100.	153:10	.26			
JKC3	105.	153:10	.35			
J1	142.	153:09	.57			
R2	142.	153:11	.57			
J02	153.	153:10	.60			
R3	153.	153:15	.60			
KCDV4	89.	153:02	.21			
DET04	24.	154:23	.21	167.	21.	
J03	206.	153:15	.89			
R4	206.	153:19	.89			
KCOS03	11.	153:02	.03			
KCDV5	93.	153:04	.23			
DET05	18.	154:45	.23	165.	27.	
KC5	35.	153:03	.09			
KC5R	35.	153:07	.09			
JKC5	52.	153:09	.31			
J04	266.	153:15	1.24			
R5	265.	153:19	1.24			
KCOS04	19.	153:00	.05			
KCDV06	73.	153:02	.17			
DET06	17.	154:27	.17	152.	19.	.00

J05	292.	153:18	1.45				
R6	292.	153:23	1.45				
KCDV7	37.	153:00	.08				
DET07	15.	154:06	.08	144.	5.1	.00	
KCDV8	83.	153:03	.20				
DET08	25.	154:27	.20	143.	18.	.00	
J06	394.	153:20	1.92				
R7	394.	153:24	1.92				
KCOS15	39.	153:10	.11				
KCA3	171.	153:12	.46				
A3DET	162.	153:26	.46	129.	13.		
KCOS11	7.1	153:00	.02				
R8A	7.1	153:03	.02				
KCOS12	38.	153:05	.10				
R10B	38.	153:08	.10				
KCDV11	9.7	152:47	.02				
DET11	6.5	153:09	.02	136.	.6	.00	
KCDV9	35.	153:05	.08				
DET09	8.7	154:41	.08	136.	9.0	.00	
KC9	18.	153:02	.04				
KC9R	18.	153:06	.04				
ЈКС9	26.	153:07	.13				
J08	233.	153:16	.73				
R9	231.	153:28	.73				
J9	267.	153:25	.84				
KCOS14	8.0	153:11	.02				
KCOS13	14.	153:01	.03				
R10C	13.	153:08	.03				
J10C	21.	153:09	.05				
R10D	21.	153:16	.05				
KCDV10	46.	153:01	.11				
DET10	17.	154:13	.11	133.	6.6	.00	
KCDV12	66.	153:01	.15				
DET12	23.	154:17	.15	132.	11.	.00	
110	327.	153:24	1.15				
R10	325.	153:28	1.15				
EXKC13	48.	153:00	.11				
J11	353.	153:26	1.27				
R11	349.	153:39	1.27				
EXKC14	28.	155:29	.15		•		
J12	368.	153:40	1.42				

LCDV02	233.	154:22	.99				
DVLC01	59.	153:01	.14				
DET01	15.	154:19	.14	215.	12.	.00	
LCDV00	200.	154:25	.87				
R20	200.	154:31	.87				
J20A	215.	154:30	1.01				
R20B	215.	154:40	1.01				
J20	445.	154:30	2.00				
R21A	444.	154:46	2.00				
R21B	444.	155:01	2.00				
LCDV04	312.	154:19	1.28				
J21	728.	154:44	3.28				
R22	728.	154:57	3.28				
LCDV10	280.	154:18	1.21				
J22	982.	154:45	4.50				
R23	982.	154:47	4.50				

Appendix F: Technical Memorandum – Community Park Detention Basin Alternatives



TECHNICAL MEMORANDUM

Date:

August 6, 2010

To:

Bob Shattuck, Lennar Communities

From:

Craig Zoller, MacKay & Somps

TM No.:

Technical Memorandum No. 5

Subject:

Community Park Detention Basin

SunCreek Specific Plan

Rancho Cordova, CA

Job No.:

7991-10

Task No.:

Task B.1

A. Introduction

The SunCreek Community Park is located in the center of the Plan Area. The area located north of the Community Park is planned for development with various types of land uses which include a high school and middle school that abut the northern boundary. The area located to the south of the Community Park is planned as a wetland preserve that is centered over a tributary to Laguna Creek. The Community Park is located in a 214 acre watershed that drains from the north to the south through the Community Park site towards the wetland preserve and the Laguna Creek tributary.

The United States Army Corps of Engineers (Corps) established a Conceptual Level Strategy (Strategy) for preserving the natural resources within the SunCreek Specific Plan Area which mandates that runoff from developed areas cannot drain directly into a preserve area. Instead the runoff must be directed to strategically located detention basins for water quality treatment and peak flow attenuation. Since the Community Park is located adjacent to a wetland preserve and is within a large developed watershed that drains through it, a water quality/detention basin needs to be located within the park.

The SunCreek Master Drainage Study (SDMP) has designated the Community Park detention basin as Detention Basin no. 5 (DB 5). The SDMP has designed the water quality/detention basins as a single use component of the plan area that will be improved as a visual amenity. However, they do not include any type of park improvement that could be used by the Plan Area residents. The SDMP has determined that DB 5 has a basin footprint area of approximately 9.43 areas. This footprint is the area necessary to provide water quality treatment and peak flow

Technical Memorandum August 6, 2010 Page 2 of 6

attenuation for all storms occurring within the watershed up to and including the 100-year, 10-day storm.

The Community Park site is 39.04 acres with approximately 24% of that area being utilized as DB 5. The large area needed to be set aside as DB 5 severely impacts the area that can be used for park amenities.

The Cordova Park and Recreation District (CPRD) will allow for a portion of the Community Park to be designed as a joint use park/storm runoff water quality treatment detention facility allowing inundation of the park turf areas for no more than 72 hours during a peak storm event.

The intent of this technical memorandum is to document that BD 5 can be designed as a joint use facility reducing the basin footprint area and increasing the useable community park area and not exceed the CPRD requirements of maximum turf area inundation duration of 72 hours.

B. Methodology

Building on the storm drainage Sac-Calc Baseline Conditions modeling contained in the SDMP, the approach to this analysis is briefly summarized as follows:

- 1. Prepare a schematic Community Park DB 5 layout and design to maximize the recreational use of the park.
- 2. Utilize the schematic Community Park DB 5 design to prepare areaelevation curves for incorporation into the SDMP Sac-Calc model.
- 3. Run the SDMP Sac-Calc model and develop time stage duration graphs for the various storm durations modeled to determine how much of the park is inundated with runoff and how long the inundation last.
- 4. Utilize the Sac-Calc results to determine how much partial park credit the Community Park site will provide when used as a joint use facility.

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The CRPD has the following criteria for a park site to meet and still receive partial credit as a park.

Table 1: Floodplain Limits on Park Acres

Accepted park acreage based on flood plain level	Percentage of acreage accepted*
100 year flood or above	100%
50 year flood to 100 year flood	90%
25 year to 50 year flood	70%
10 year to 25 year	50%
10 year flood and below	0%

^{*} Inundation is limited to only turf areas with duration not to exceed 72 hours.

C. Analysis

In accordance with the methodology outlined above, the following analysis was performed:

Utilizing a schematic Community Park site plan and the adjacent land use plan, the preparation of a schematic Community Park rough grading contour plan was completed. The adjacent development areas schematic contour grading was adjusted so the overland releases from the development releases into the detention basin and not the preserve area. The Community Park site plan schematic contour grading plan was designed so only the turf play fields would be inundated with runoff and features such as shade structures, bathrooms, parking lots, play structures, amphitheaters and courts where above the 100-year, 10-day water surface. The schematic rough grading contour plan was used to develop an areavolume curve for the joint use Community Park detention basin. Refer to Exhibit 1: Community Park —Detention Basin Site Plan in the Appendix.

In compliance with the Corps Strategy, a permanent water quality basin must be provided. The water quality basin will treat all runoff from the developed area of the watershed including the summertime irrigation runoff. The summertime irrigation runoff is required to be withheld from discharging into the preserve areas. Therefore, it is highly likely that some water would always be within the water quality basin. In order to maintain the health of the aquatic plants and species within the water quality basin, a minimum water depth of 4 feet is desirable. DB 5 water quality basin is sized to hold up to 4.0 acre-feet of water. DB 5 water quality basin will be lined to prevent infiltration and loss of water and will have an outlet set at an elevation of 7 feet above the basin floor. Should the water quality basin reach is its capacity; the basin will have an outfall structure and pipeline that connects to the hydro-modification basin. The hydro-

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modification basin will have a leach field constructed in the basin floor that will percolate any excess summertime irrigation runoff. Refer to Exhibit 2: Detention Basin No. 5, Schematic Cross Section in the Appendix

The Corps Strategy also suggests that the existing tributaries and creeks within the Plan Area should not be modified hydraulically due to development occurring within the watershed. The existing tributaries and creeks within the Plan Area should not experience an increase in erosive energy during any storm up to and including the 10-year, 24-hour storm the due to development occurring within the watershed. To achieve this goal, a hydro-modification basin is required that will meter the release rate out of the basin so it mimics the undeveloped watershed. The hydro-modification basin slowly meters the runoff out through an outlet structure designed so the pre- and post-development flow duration curves for the receiving water course is within the allowed tolerance.

The Baseline Conditions Sac-Calc model was modified to incorporate the changes in DB 5 and rerun. The nearest downstream compliance point will be used to compare peak flows from the Baseline Conditions Model and the revised DB 5 model to insure that there is a "No Net Change" condition.

D. Summary of Results

The Sac-Calc technical results together with the schematic contour grading plan of the Community Park demonstrates that it is technically feasible to have a joint use park-water quality-detention facility. The Sac-Calc program indicates that the Community Park would be inundated as shown in Table 2:

Table 2: Community Park Inundation - Duration

Water Surface Elevation	Hours Water is Above Elevation	Hours Water is Above Elevation
	(100-Year, 24-Hour)	(100-Year, 10-Day)
162.5	0	2
162.0	0	6
161.0	3	10
160.0	10	22
159.0	14	52

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The DB 5 hydro-modification basin has a holding capacity of 26.3 acre-feet of water below elevation 159.0 The SDMP 10-year, 24-hour hydro-modification storage volume for DB 5 is 19.0 acre-feet.

Once the water surface elevation drops below the invert elevation of the Detention Basin Outlet Structure, the remaining runoff is dissipated at a rate of approximately 5 cfs over a 48-hour period. The runoff will enter the Outlet Structure through a series of small orifices set at various elevations to control the release rate. Depending on the final design elevations of the basin bottom, the runoff will be discharged in one of two ways; a gravity pipeline or a pump station. A gravity outfall pipe could be extended downstream approximately 2,000 feet where it will discharge into the preserve area or a small 5 cubic foot per second pump station be could be constructed adjacent to BD 5 and discharged to the preserve area.

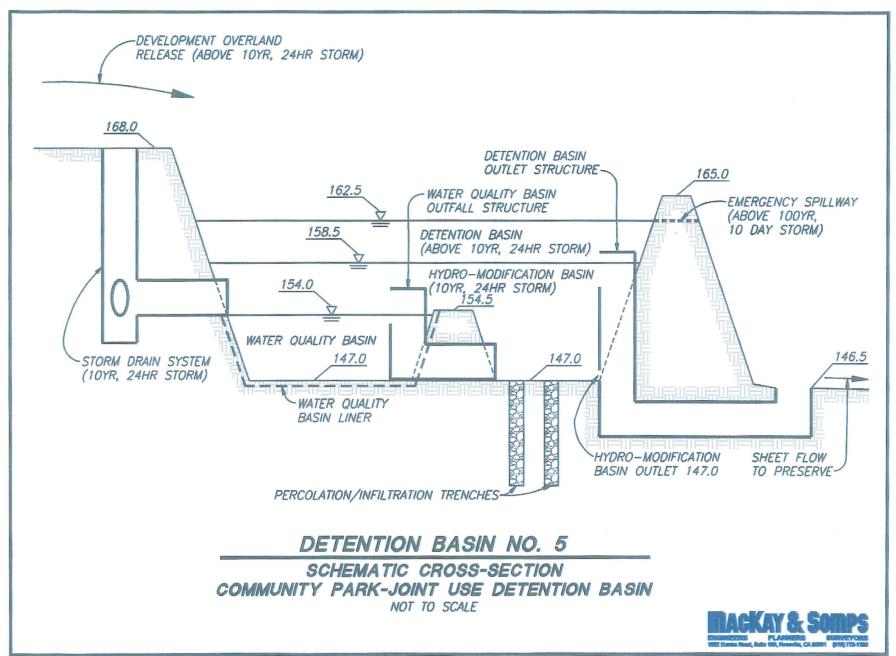
E. Conclusion

The SDMP DB 5 can be designed in conjunction with the SunCreek Community Park Site to meet the Corps Strategy and CRPD recreational needs of the SunCreek Specific Plan Area.

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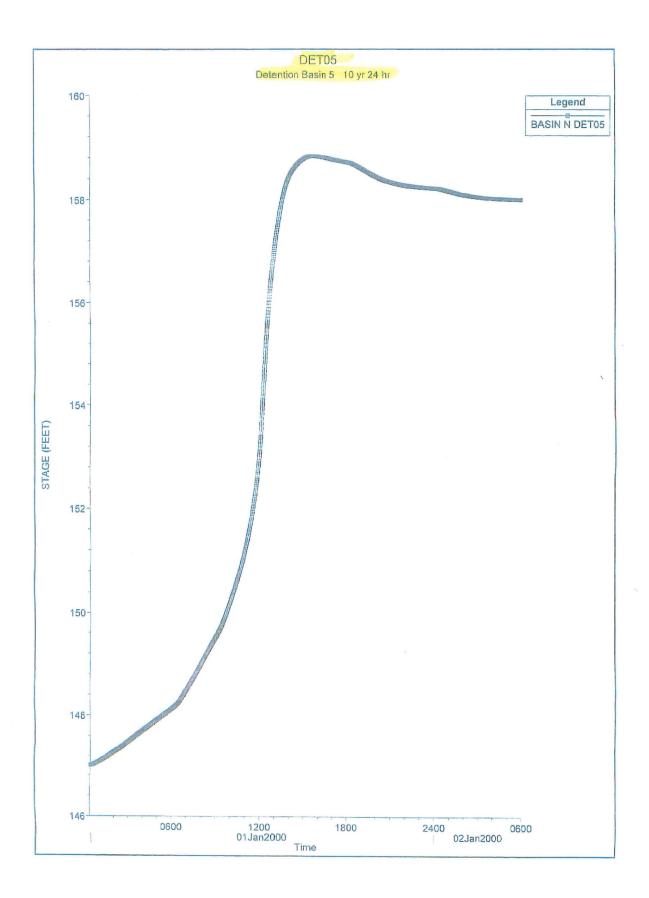
Appendix A

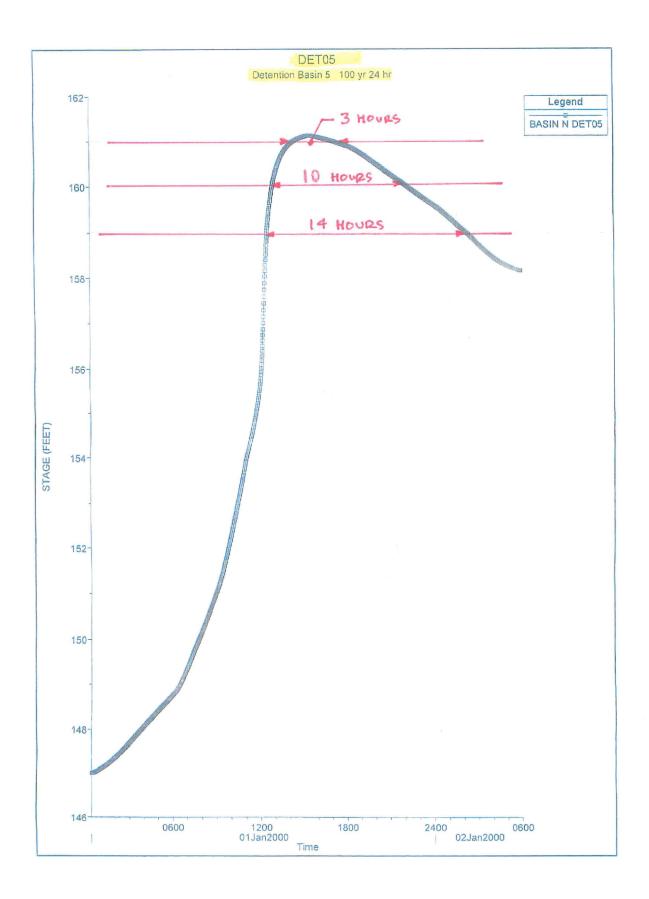


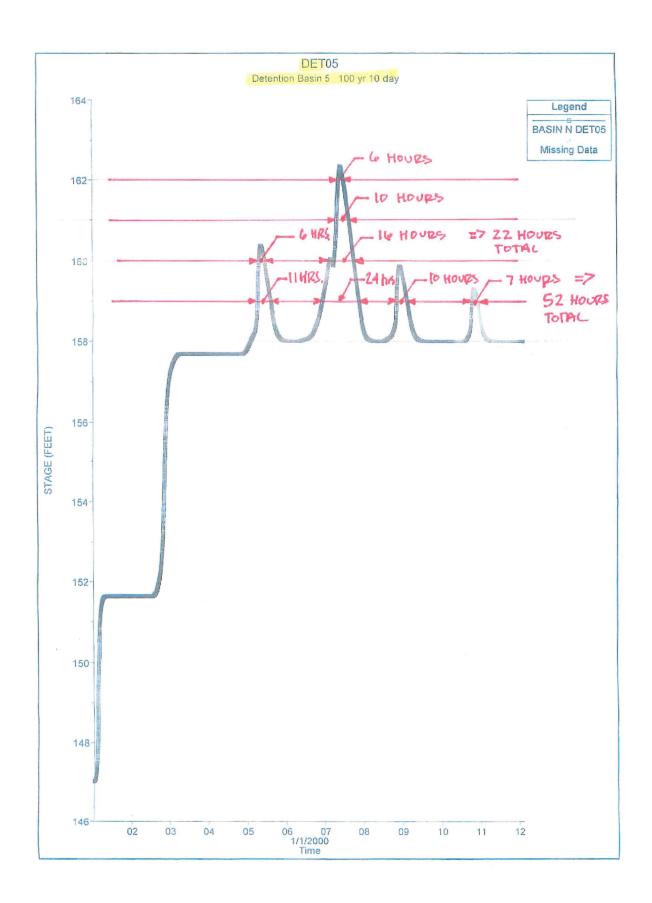


Technical Memorandum August 6, 2010

Sac-Calc Results







View HEC-1 output

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 1-day rainfall)

Peak flow (cfs)	Time of peak	Basin area	Peak	Peak	
		area			
(cfs)	74		stage	storage	Diversion volume
	(hours)	(sq. mi)	(feet)	(ac-ft)	(ac-ft)
82.	12:30	.11			
338.	12:34	.46			
278.	12:46	.46	130.	15.	
117.	12:33	.16			
117.	12:34	.16			
60.	12:04	.03			
61.	12:33	.09			
31.	12:14	.03			
31.	12:18	.03			
115.	12:21	.12			
7.9	16:02	.12	175.	14.	
7.9	16:09	,12			
253.	12:11	.19			
24.	13:55	.19	176.	18.	
225.	12:25	.26			
224.	12:28	.26			
251.	12:28	.57			
250.	12:30	.57			
271.	12:29	.60			
271.	12:33	.60			
239.	12:15	.21			
23.	15:07	.21	166.	22.	
353.	12:33	.89			
352.	12:37	.89			
54.	12:15	.05			
302.	12:21	.31			
32.	15:18	.31	161.	31.	
404.	12:36	1.25			
403.	12:40	1.25			
74.	12:07	.05			
170.	12:15	.15			
16.	15:15	.15	157.	16.	.00
433.		1.45			
428.		1.45			
	278. 117. 117. 60. 61. 31. 31. 115. 7.9 7.9 253. 24. 225. 224. 251. 250. 271. 271. 239. 23. 353. 352. 54. 302. 404. 403. 74. 170. 16. 433.	278. 12:46 117. 12:33 117. 12:34 60. 12:04 61. 12:33 31. 12:14 31. 12:18 115. 12:21 7.9 16:02 7.9 16:09 253. 12:11 24. 13:55 225. 12:25 224. 12:28 250. 12:30 271. 12:29 271. 12:33 239. 12:15 23. 15:07 353. 12:33 352. 12:37 54. 12:15 302. 12:21 32. 15:18 404. 12:36 403. 12:40 74. 12:07 170. 12:15 16. 15:15 433. 12:40 428. 12:45	278. 12:46 .46 117. 12:33 .16 117. 12:34 .16 60. 12:04 .03 61. 12:33 .09 31. 12:14 .03 31. 12:18 .03 115. 12:21 .12 7.9 16:02 .12 7.9 16:09 .12 253. 12:11 .19 24. 13:55 .19 225. 12:25 .26 224. 12:28 .26 251. 12:28 .57 250. 12:30 .57 271. 12:29 .60 271. 12:33 .60 239. 12:15 .21 23. 15:07 .21 353. 12:33 .89 352. 12:37 .89 54. 12:15 .05 302. 12:21 .31 32. 15:18 .31 404. 12:36 1.25	278. 12:46 .46 130. 117. 12:33 .16 117. 12:34 .16 60. 12:04 .03 61. 12:33 .09 31. 12:14 .03 31. 12:18 .03 115. 12:21 .12 7.9 16:02 .12 175. 7.9 16:09 .12 .12 253. 12:11 .19 .176. 225. 12:25 .26 .224. .12:28 .26 251. 12:28 .57 .250. .12:30 .57 271. 12:29 .60 .271. 12:33 .60 239. 12:15 .21 .26 231. 15:07 .21 .166. 353. 12:33 .89 354. 12:15 .05 302. 12:21 .31 32. 15:18 .31 161. 404. 12:36 1.25 .4 403. <td< td=""><td>278. 12:46 .46 130. 15. 117. 12:33 .16 117. 12:34 .16 .60. .12:04 .03 60. 12:04 .03 .61. .12:33 .09 31. 12:14 .03 .31. .12:18 .03 115. 12:21 .12 .175. .14. 7.9 16:02 .12 .175. .14. 7.9 16:09 .12 .12. .175. .14. 7.9 16:09 .12 .175. .14. .18. 225. .12:11 .19 .176. .18. .</td></td<>	278. 12:46 .46 130. 15. 117. 12:33 .16 117. 12:34 .16 .60. .12:04 .03 60. 12:04 .03 .61. .12:33 .09 31. 12:14 .03 .31. .12:18 .03 115. 12:21 .12 .175. .14. 7.9 16:02 .12 .175. .14. 7.9 16:09 .12 .12. .175. .14. 7.9 16:09 .12 .175. .14. .18. 225. .12:11 .19 .176. .18. .

t.							
DET07	16.	13:08	.08	144.	6.1	.00	
KCDV8	201.	12:19	.20				
DET08	22,	15:14	.20	140.	22.	.00	
J06	571.	12:44	1.92				
R7	567.	12:48	1.92				
J7	844.	12:48	2.38				
R8	844.	12:48	2.38				
KCOS11	23.	12:10	.02				
R8A	23.	12:13	.02				
KCDV9	119.	12:23	.13				
DET09	12.	15:27	.13	136.	14.		
KCDV11	43.	12:04	.02				
DET11	7.9	12:35	.02	136.	1.0		
108	868.	12:48	2.55				
R9	851.	12:56	2,55				
19	901.	12:55	2.66				
KCOS14	23.	12:18	.02				
KCOS13	40.	12:13	.03				
KCOS12	89.	12:23	.10				
R10B	89.	12:25	.10				
J10B	115.	12:23	.13				
R10C	115.	12:27	.13				
J10C	133.	12:26	.16				
R10D	132.	12:31	.16				
KCDV10	137.	12:12	.11				
DET10	16.	13:43	.11	132.	8.8	.00	
KCDV12	179.	12:14	.15				
DET12	24.	13:52	.15	131.	13.	.00	
J10	1020.	12:54	3.07				
R10	1007.	12:57	3.07				
EXKC13	151.	12:11	.11				
J11	1039.	12:57	3.19				
R11	1008.	13:07	3.19				
EXKC14	34.	15:09	.15				
J12	1024.	13:07	3.33				

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		1.	o Jeniji delji			
ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)
KCOS15	48.	12:30	.11			
KCA3	199.	12:34	.46			

A3DET	153.	12:51	.46	129.	12.	
OSKC05	68.	12:33	.16			
R6A	68.	12:35	.16			
KCOS06	33.	12:04	.03			
KCOS02	36.	12:34	.09			
KCOS1	17.	12:14	.03			
R2A	17.	12:19	.03			
KCDV3	67.	12:21	.12			
DET03	6.1	15:28	.12	173.	8.4	
R1	6.1	15:36	.12			
KCDV2	145.	12:11	.19			
DET02	18.	13:41	.19	174.	12.	
KCOS3A	130.	12:25	.26			
R3A	130.	12:29	.26			
Л1	150.	12:29	.57			
R2	150.	12:31	.57			
J02	162.	12:30	.60			
R3	162.	12:35	.60			
KCDV4	138.	12:15	.21			
DET04	18.	14:04	.21	165.	14.	.00
J03	213.	12:35	.89			
R4	212.	12:39	.89			
KCOS03	30.	12:15	.05			
KCDV5	176.	12:21	.31			
DET05	24.	14:34	.31	160.	19.	.00
J04	248.	12:38	1.25			
R5	247.	12:43	1.25			
KCOS04	41.	12:07	.05			
KCDV06	99.	12:15	.15			
DET06	13.	14:12	.15	156.	9.8	
J05	268.	12:42	1.45			
R6	265.	12:49	1.45			
KCDV7	79.	12:06	.08			
DET07	13.	13:06	.08	143.	3.7	.00
KCDV8	117.	12:19	.20			
DET08	16.	14:30	.20	139.	15.	
J06	352.	12:48	1.92			
R7	350.	12:53	1.92			
J7	502.	12:53	2.38			
R8	502.	12:53	2.38			
KCOS11	13.	12:10	.02			

1							ı
R8A	13.	12:13	.02				
KCDV9	70.	12:23	.13				
DET09	9.3	15:00	.13	135.	8.3	.00	
KCDV11	24.	12:04	.02				
DET11	6.2	12:30	.02	134.	.6	.00	
J08	520.	12:53	2.55				
R9	510.	13:02	2.55				
J9	538.	13:01	2.66				
KCOS14	13.	12:18	.02				
KCOS13	23.	12:13	.03				
KCOS12	51.	12:23	.10				
R10B	51.	12:26	.10				
J10B	66.	12:24	.13				
R10C	66.	12:28	.13				
J10C	76.	12:27	.16				
R10D	76.	12:33	.16				
KCDV10	79.	12:12	.11				
DET10	13.	13:36	.11	131.	5.4	.00	
KCDV12	104.	12:14	.15				
DET12	19.	13:41	.15	130.	7.8	.00	
J10	613.	13:00	3.07				
R10	605.	13:04	3.07				
EXKC13	86.	12:11	.11				
J11	625.	13:04	3.19				
R11	607.	13:16	3.19				
EXKC14	20.	15:09	.15				
J12	617.	13:16	3.33				

Sacramento Hydrologic Calculator Report July 27, 2010 18:41 Method: Sacra

Project Title: Basin n Proposed Conditions Proposed Conditions with local detention - Baseline Condition 10 yr and 100 yr 24 hour storrms

Prepared by: KEC Method Proposed Conditions Wethor Condition 10 yr and 100 yr 24 hour storrms

Sacramento County HEC-1 method

8/6/2008

Watershed Hydrologic Summary Data Lag Times Basin "n" Percent Impervious Basin Area Elevation Lag Time Loss Rate Impervious

Watershed	(acres)	(ft)	Method	(min)	Method	"n"	Method	(in/hr)	Method	Area (%)
KCOS1	16.8	203.5	Basin "n"	-	Specified	0.07	Computed		Computed	-
KCDV2	120.2	199.7	Basin "n"	-	Specified	0.043	Computed	-	Computed	-
KCDV3	76.9	185	Basin "n"	-	Computed	-	Computed	-	Computed	-
KCDV5	201.3	175	Basin "n"	-	Specified	0.051	Computed	-	Computed	-
KCDV4	134.1	174	Basin "n"	-	Specified	0.044	Computed	ie:	Computed	-
KCDV7	52	153.5	Basin "n"	-	Specified	0.037	Computed	- I	Computed	-
KCDV8	126.2	152.9	Basin "n"	-	Specified	0.043	Computed	-	Computed	-
KCDV9	82.2	144.2	Basin "n"	-	Specified	.051	Computed	-	Computed	-
KCOS02	54.9	166.3	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCOS03	30.4	153	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
OSKC05	102.3	181.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV06	94.2	166.5	Basin "n"	-	Specified	0.039	Computed	-	Computed	-
KCOS04	29.3	145.2	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS06	20.3	166	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCA3	297.3	151	Basin "n"	-	Specified	0.049	Computed	-	Computed	-
KCOS11	11.1	157.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV11	13.8	145.1	Basin "n"	-	Specified	0.044	Computed	-	Computed	-
KCDV10	68.4	140.1	Basin "n"	-	Specified	0.045	Computed	-	Computed	-
KCDV12	96.8	138.3	Basin "n"	-	Specified	.042	Computed	-	Computed	-
KCOS12	65	156.5	Basin "n"	-	Specified	0.070	Computed	-	Computed	
KCOS13	21	154	Basin "n"	-	Specified	0.070	Computed		Computed	-
KCOS14	14	145.5	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS15	68.2	122.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCOS3A	168.5	213	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
EXKC13	73.3	140	Basin "n"	-	Computed	•	Computed		Computed	
EXKC14	95.1	120	Basin "n"		Commuted	-	Computed	*	Computed	

	Channel	Centroid									Land	Use It	nperv: (% or		rca Po	rcent						
Vatershed	Length (ft)	Length (ft)	Slope (fvft)	Channelization	95	90	85	80	7 5	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	1576	850	0.0159	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
KCDV2	3940	750	0.0156	Undeveloped		-	-		-	-	-	-	-	-	-	-	-		-	-	-	-
KCDV3	1920	444	0.0042	Undeveloped Undeveloped	2.6	6.8		-	-	-	8.1	21.4	-	-	-		-		12.9	25.1	_	┢
				Developed Undeveloped	0	0			-	_	0	0	_	-	-	_	_		0	0	-	-
KCDV5	4464	1907	0.0103	Developed	-	-				-	-	-	-	-	-	-	-	-	=	-	-	-
KCDV4	3297	917	0.003	Undeveloped Developed	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
KCDV7	1655	580	0.0091	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDV8	4054	2363	0.0081	Undeveloped	-	-		-	_		-	-	-	-	-	-	-	-	-	-	-	Ŀ
				Undeveloped Undeveloped	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDV9	4360	2120	.0083	Developed	-	-	-	-	-	-	-	=	-	-	=	-	=	-	-	-	=	E
KCOS02	3900	2145	.005	Undeveloped Developed	-	-	=	-	-	-	-	-	-	-	-	-	-		-	-	-	-
KCOS03	2089	415	.0048	Undeveloped Developed	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OSKC05	4804	2082	1800.	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	E
KCDV06	3313	1851	.0063	Undeveloped		Ē	-	-		_			-		-	-	Ŀ	-	-	-	-	Ŀ
KCOS04	2745	1385	005	Undeveloped Undeveloped	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-
KCU304	2143	1363		Developed Undeveloped	-	-	-	-	-	-	-	-	-	-	-	=	-	-	-	-	-	-
KCOS06	2377	1387	0027	Developed	-	-	-		三	Ē	-	-	-		-	-	-	-	-	-	-	-
KCA3	7016	3899	.006	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCOS11	726	572	.0069	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDV11	850	322	.0213	Undeveloped	-	-	·	-	-	Ē	-	Ē	-	-	-	-	-	-	Ŀ	-	Ē	-
KCDV10	2474	1482	.0178	Undeveloped Undeveloped		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDVIO	2414	1402	.0178	Developed Undeveloped	=	-	-	=	E	-	-	-	-	-	=	E	-	=	-	E	-	-
KCDV12	3407	1720	.0119	Developed	Ē	-	=	-		-		-	-	-				-	-	·	-	-
KCOS12	2632	1237	.0057	Undeveloped Developed	 - -		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
KCOS13	1370	566	.0088	Undeveloped Developed	-	-	-	-	-	•	-	-	-	-	<u> </u>	-	=	-	-	-	-	-
KCOS14	1990	908	.0085	Undeveloped	-	-	-	-	-	Ŀ	-	-	-		=	-	-	-	-		-	Ŀ
KCOS15	3317		.0027	Developed Undeveloped	-	-	-	-	 -	-	-	-	-	-	-	-	-	-	-	-	=	-
		1334		Developed Undeveloped	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-	÷	-	-
KCOS3A	3787	1555	.0132	Developed	-	=		-	-		-	-	-	=	-	-	_	=	-	三	Ė	=
EXKC13	4651	2747	0105	Undeveloped Developed				-	\vdash	-			-				<u> </u>		\vdash	100	_	
EXKC14	79700	3064	.003	Undeveloped															Ī.,	100		

3064 Refer to the Drainage manual for Land Use Impervious Are (Percent

^{*}Dense Oaks, Shrubs, Vines

	Soil							I	and Use	Imperv (% or	ious Are	a Percei	nt						
Watershed		95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	B C																4.8		-
	D																12		
	В																		
KCDV2	С	1.1						26.2	12.2							8.2	2.2		
	D	2						36.7	21.6							2.2	7.8		ļ
W CDV2	В			<u> </u>	ļ				ļ										-
KCDV3	C D	2.6	6.8	<u> </u>		<u> </u>		8.1	21.4							12.9	25.1		
	В	2.0	0.0				l	0.1	21.4							12:5	23.1		
KCDV5	С															1.1			
	D	7.2					3.7	25.9	81.2							23.7	58.5		
	В					<u> </u>													
KCDV4	C			ļ	ļ	ļ											4.7		
,	D			ļ	ļ	 	6.4	57.5	6.4	41			<u> </u>	 		14	5.3		
KCDV7	B C	2.6					 									1			
RCD V /	D	4.2	12.4	-		<u> </u>	11.6	15.7					<u> </u>	 		4.5	<u> </u>	<u> </u>	├──
	В			<u> </u>	l	†	1	1					<u> </u>	1					\vdash
KCDV8	C	1.6																	
	D	5						58.9	37.2							18.3	5.2		
	В							L											ļ
KCDV9	C			ļ	ļ										ļ				
	D	16.2	2.5				<u></u> .		24.5	1	<u> </u>		<u> </u>		<u> </u>	9.8	28		┢
KCOS02	B C										ļ		<u> </u>				16.3		₩
KCOS02	D					-								 	 		38.6		┢
KCOS03	В		-								<u> </u>						50.0		┢──
	С							i								i	12.7		
	D																17.7		
	В										ļ								L
OSKC05	C							ļ		<u> </u>		<u> </u>		ļ	<u></u>	<u> </u>	102.2		
	D B							<u> </u>				 	 	 			102.3		₩
KCDV06	C	0.9					_	<u> </u>				-				<u> </u>	<u> </u>		┢
1102 . 00	D	23					10.9	46.9					·			5.5	7		\vdash
	В																		
KCOS04	С																20.4		
	D																8.9		
	В							<u> </u>											<u> </u>
KCOS06	C D	 								 							20.3		├
	В	ļ	ļ	 		-			<u> </u>		 	 		 	 -	ļ	20.3		
KCA3	C	 		 	 		I	†	120	 		 	†	 		0.6	26.3		\vdash
	D	T	-						78.4	l			<u> </u>	1		4.4	67.6		
	В																		
KCOS11	С																5.9		
	D							L		ļ				<u> </u>	L		5.2		<u> </u>
van	В		<u> </u>	ļ		ļ	<u> </u>	<u> </u>	 	ļ			<u> </u>	 		ļ			<u> </u>
KCDV11	C D	2.1	 	 	ļ		<u> </u>		8.9	<u> </u>	<u> </u>	<u> </u>	-		<u> </u>	2.8		-	
	В	2.1	-	 	 	 		<u> </u>	0.9	 	 	 	 	 	 	4.0	l	 	\vdash
KCDV10	C				\vdash	†		 	-		 		†	†	<u> </u>				\vdash
	D	5	5						13.2	32.5						8	4.7		
	В																		
KCDV12	С	1.5	<u></u>									<u> </u>		<u> </u>		L	1	<u> </u>	<u> </u>
	D	5.5	24			ļ		<u> </u>	23.2	24.9		ļ		<u> </u>	<u> </u>	15.8	1.3	ļ	<u> </u>
KCOS12	B C		-	 	 				 	 	ļ	 	ļ	 		<u> </u>	27.1		
ACU312	D			 	 	 	 	 	 -	 	 	 	 	\vdash			37.9		
	В	 	 	 		<u> </u>	 			 		 		 	 		 	 	

				_			_		_	_			
KCOS13	С		i	Ī								1.3	
ACOS13	D											19.7	
	В												
KCOS14	С												
	D											14	
	В												
KCOS15	С												
	D										-	68.2	
	В												
KCOS3A	С											32.6	
	D											135.9	
	В												
EXKC13	С											6.5	
	D											66.8	
	В												
EXKC14	С											4.1	
	D											91	

Refer to the help file for Land Use Impervious Area Percent *Dense Oaks, Shrubs, Vines

Н	lydro	ograph	Routing	z – Mus	kingum-(Cunge	(Standard)
-	_					·	

Routing ID	Route From	Route To	Channel Type	Length (ft)	Slope (ft/ft)	Width or Diameter (ft)	Side Slope (H:V)	Mannings "n"
RI	DET03	JI	Pipe	2814	0.005	3	3:1	0.015
R6A	OSKC05	J06	Trapezoidal	555	0.007	20	4:1	0.030
R4	J03	J04	Trapezoidal	2319	0.0048	30	4:1	0.014
R5	J04	J05	Trapezoidal	2582	0.0039	20	3:1	0.015
R7	J06	J7	Trapezoidal	2058	0.0025	20	3:1	0.025
R2A	KCOS1	J02	Trapezoidal	1510	0.0159	05	3:1	0.03
R2	11	J02	Trapezoidal	644	0.0047	5	3:1	0.03
R3	J02	J03	Trapezoidal	3485	.0313	5	3:1	0.03
R6	J05	J06	Trapezoidal	2283	0.0031	20	3:1	0.03
R8	J7	J08	Trapezoidal	95	0.0025	10	1:1	0.025
R8A	KCOS11	J08	Pipe	1147	0.005	3		0.015
R9	J08	J9	Trapezoidal	3214	0.0019	20	3:1	0.03
R10B	KCOS12	J10B	Trapezoidal	524	0.005	20	3:1	0.03
R10C	J10B	J10C	Trapezoidal	1398	0.005	10	3:1	0.03
R10D	J10C	JIO	Pipe	2907	0.0034	4		0.015
R3A	KCOS3A	Jl	Pipe	2628	0.005	5		0.015
R10	J10	JII	Trapezoidal	1028	0.0022	15	2.5:1	0.07
R11	JII	J12	Trapezoidal	2966	0.0022	15	2.5:1	0.07

Detention Ba			- Continue								***************************************					t Data	
Detention Basin	Initial Cor	adition					Pond Sto	rage Rela	ation				ph	Elev. (ft)	Area (sq ft)	Q Cocf.	Expone
	Elevation	0	Elevation (ft)	127.4	128.5	128.5	130.5	131.5						124.41	.54	.61	0.5
	(ft)		Arca (ac)	6.38	6.61	6.89	7.23	7.81						128.50	84	2.6	1.5
	ļ							Pump						1 5			
A3DET	Pump Hye	drograpl	h Name		Pump D	ischarge		Pun	ip I	Pum	p 2	Pun	ъ <u>з</u>	Pun	1p 4	Pun	ip 5
					(c)	ſs)											
				Elevation	n at which		ums On]			
				Elcvati	on at wh	ich Pump	Turns										
					***********										Outle	et Data	
Detention Basin	Initial Co	ndition					Pand Sta	orage Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
Dasiii	Elevation		Elevation (ft)	171	172	173	174	175	176	177				171.875	2.41	.61	0.5
	(ft)	171	Area (ac)	3.228	3.403	3.582	3.765	3.954	4.147	4.344				176.5	230	2.6	1.5
								Pump	Data		L	L	L	<u></u>	L	<u> </u>	
DET02								Pun	np i	Pun	p 2	Pur	np 3	Pun	np 4	Pun	np 5
	Pump Hy	drograpl	h Name		Pump D												
				Elevati	ion at wh On	ich Pump	Tums										
				Elevati	ion at wh		Turns										
					Off	(11)						<u> </u>		╁┈─	Outl	et Data	
Detention														Elev.	Area	Γ	Expone
Basin	Initial Co	ndition		1		T	Pond St	orage Re	lation	<u> </u>	Т	1	T	(ft)	(sq ft)	Q 000.	Бирон
	Elevation (ft)	170.5	Elevation (ft)	170.5	171,5	172.5	173.5	174.5	175.5	176.5	<u> </u>			171.	.785	.61	0.5
	(11)		Area (ac)	2.654	2.812	2.975	3.143	3.315	3.492	3.673				176	190	2.6	1.5
DET03				7				Pump	np l	Pur	np 2	Pu	mp 3	Pur	np 4	Pun	n 5
	Pump Hy	drograpi	h Name		Pump D	ischarge			у		<u> </u>	†		1 ==	<u> </u>		7 -
				Flores	(c tion at wh	ish Pum	n Turns	<u> </u>				-		-			
	J			Elevai		(ft)	prums										
			ė daramania	Elevat	ion at wh Off	ich Pum (ft)	p Turns				-3						
Detention														Elan		et Data	Ι
Basin	Initial Co	ndition					Pond St	orage Re	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
	Elevation	161.5	Elevation (ft)	161.5	162.5	163.5	164.5	165.5	166.5	167.5				162.375	2.41	.61	0.5
	(ft)	101.5	Arca (ac)	3.954	4.147	4.344	4.546	4.753	4.964	5,18				167	251	2.6	1.5
				T				Pump						,			
DET04	Pump Hy	drograpi	h Name		Pumn D	ischarge		Par	np l	Pun	1p 2	Pur	np 3	Pun	np 4	Pun	ıp 5
					· (c	fs)									-		
				Elevat	ion at wh On	ich Pum (ft)	Turns										
				Elevat	ion at wh		Turns										
						<u></u>		<u> </u>		<u> </u>		<u> </u>			Outl	et Data	
Detention Basin	Initial Co	ndition					Pond C	orage Re	lation					Elev. (ft)	Arca (sq ft)	Q Coef.	Expone
- Looili	2111444 00		Elevation	1,555	1,5	150 5	T		Г	162.5	T	Π	T			<u> </u>	-
	Elevation	156.5	(ft)	156.5	157.5	158.5	159.5	160.5	161.5	162.5	ļ		ļ	157.0	3.14	.61	0.5

	(ft)		Area	5.739	5.971	6.208	6,449	6.694	6,944	7.199]	1	1	162	315	2.6	1.5
	ļ		(ac)	L			L	Pump	<u> </u>	L	L	<u> </u>	L		<u> </u>		<u> </u>
									np l	Pun	ıp 2	Pur	np 3	Pun	np 4	Pun	1p 5
DET05	Pump Hy	drograp	h Name			ischarge fs)											
		***		Elevat	ion at wh		p Turns										
				Elevat	ion at wh Off	ich Pum (ft)	p Turns										
44,004-01-01-01-01-01-01-01-01-01-01-01-01-01-						· · ·		.l		1					Outl	et Data	
Detention Basin	Initial Co	ndition			r	r	Pond St	orage Re	lation			,		Elev. (ft)	Area (sq ft)	Q Coef.	Ехропен
	Elevation	152.5	Elevation (ft)	152,5	153.5	154.5	155.5	156.5	157.5	158.5				153.	1.57	.61	0.5
	(ft)		Area (ac)	2.812	2.975	3.143	3.315	3,492	3.676	3.859				158	170	2.6	1.5
DET06				1				Pump			2	Г в	1	T p			
DETOO	Pump Hy	drograpl	h Name		Pump D	ischarge		Pur	np l	Pun	1p 2	Pui	np 3	Pur	np 4	Pun	1 p 5
		-			(c	fs)								ļ			
					ion at wh On	(ft)	•										
				Elevat	ion at wh		p Turns										
			Ī	L	Оп	(ft)		<u> </u>				<u> </u>		-	Outle	et Data	
Detention														Elev.	Area		Exponent
Basin	Initial Co		Elevation	139.5	140.5	143.5	Pond St 141.5	orage Rei	lation 144.5	145.5		1	<u> </u>	(ft) 140.	(sq ft)	.61	0.5
	Elevation (ft)	139.5	(ft)	0.965	1.061	1.162	1,268	1.378	1,493	1,612				145	135	2,6	1.5
			(ac)					Pump		<u> </u>	<u> </u>		<u> </u>		L		
DET07			***************************************		va				np l	Pun	ър 2	Pur	np 3	Pun	np 4	Pun	ıp 5
	Pump Hy	drograpl	h Name			ischarge											
				Elevat	ion at wh On		p Turns										
			·	Elcvat	ion at wh Off		p Turns										
Detention														Elev.	Outle Area	t Data	I
Basin	Initial Co	ndition					Pond St	orage Rel	ation					(ft)	(sq ft)	Q Coef.	Exponent
	Elevation	135.5	Elevation (ft)	135.5	136.5	137.5	139.5	138.5	140.5	141.5				136.875	2.41	.61	0.5
	(ft)	133.3	Area (ac)	4.147	4.344	4.546	4.753	4.964	5.18	5.4				141	235	2.6	1.5
DET08								Pump	Data np 1	Pum	n ?	Dun	ъ 3	Dur	np 4	Pun	n 5
DETOS	Pump Hy	drograpi	h Name		Pump D			1 47	np i	1 un	.p.2	1 411	фз	1 401	1p -	1 411	40.0
				Elevati	on at wh On	ich Pump	Turns										
				Elevati	on at wh	ich Pump	Turns										
			<u> </u>		Oil	(11)									Outle	t Data	
Detention		,					B 1-		.•					Elev.	Area		Exponent
Basin	Initial Co	ndition	Elevation			45-		отаде Rel						(ft)	(sq ft)		
	Elevation (ft)	131.5	(ft)	131.5	132.5	133.5	134.5	135.5	136.5	137.5				132,125	1.23	.61	0.5
			(ac)	2.425	2.576	2.732	2.893	3.058	3.228	3.403				137	130	2.6	1.5
DET09								Pump l	Data np I	Pum	n 2	Pur	1p 3	Pun	np 4	Pun	np 5
	Pump Hy	drograpl	h Name		Pump D (ci	ischarge (s)		1 411	ap a	1 (1)	P 2	· un		, 411	-P "	, 411	·r ·
				Elevati	on at wh	ich Pump	Turns										

					On	(ft)								1		1	
				Elevat	ion at wh Off	ich Pump (ft)	Turns										
D										7 20. 20.		2				et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation		_			Elev. (ft)	Arca (sq ft)	Q Coef.	Exponent
	Elevation	130.5	Elevation (ft)	130.5	131.5	132.5	133.5	134.5	135.5	136.5				131.5	.785	.61	0.5
	(ft)		Arca (ac)	0.112	0.147	0.186	0.23	0.278	0.331	0.388				136	50	2.6	1.5
DE T 11	ļ							Pump				T 5		1 .			
DEIII	Pump Hy	drograpl	ı Name		Pump D	ischarge		Pun	np 1	Pur	ip 2	Pur	np 3	Pur	np 4	Pun	1p 5
				Elevat	ion at wh		Turns				······································						
				Elevat	ion at wh Off		Turns										
																et Data	
Detention Basin	Initial Cor	ndition					Pond St	orage Re	ation	,		·		Elev. (ft)	Arca (sq ft)	Q Coef.	Exponent
	Elevation	127.5	Elevation (ft)	127.5	128.5	129.5	130.5	131.5	132.5	133.5				128.0	1.57	.61	0.5
	(ft)	127.5	Arca (ac)	1.493	1.612	1.736	1,865	1,998	2.136	2.278				133	150	2.6	1.5
								Pump l	Data					,			
DET10	Pump Hy	drograpl	n Name		Pump D			Pun	np 1	Pum	ıp 2	Pur	np 3	Pur	np 4	Pun	ı p 5
				Elevat	ion at wh On	ich Pump	Turns										
				Elevati	ion at wh Off		Turns										
5	1															et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Rel	ation					Elev. (ft)	Area (sq ft)	Q Cocf.	Exponent
	Elevation	126.5	Elevation (ft)	126.5	127.5	128.5	129.5	130.5	131.5	132.5				127.0	2.355	.61	0.5
	(ft)	126.5	Area (ac)	2.278	2.425	2.576	2.732	2.893	3.058	3.228				132	200	2.6	1.5
								Pump !	Data								
DET12	Dr. 17-	d== 1	. N'arr -					Pun	np 1	Pum	p 2	Pun	ър 3	Pun	np 4	Pun	p 5
	Pump Hy	urograpi	i Name		Pump D (ci	îs)											
					ion at wh On	(ft)											
				Elevati	ion at wh		Turns										

8/6/2008

Sacramento Hydrologic Calculator Report
August 9, 2010 8:03
Method: Sacra Project Title:
Comments:
Prepared by:

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Proposed Conditions Sacramento County HEC-1 method

		Mean	Lag Ti		Basin '	"n"	Loss	Rates	Percent I	mpervious
Watershed	Area (acres)	Elevation (ft)	Method	Lag Time (min)	Method	Basin "n"	Method	Loss Rate (in/hr)	Method	Imperviou Area (%)
KCOS1	16.8	203.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV2	120.2	199.7	Basin "n"		Specified	0.043	Computed	-	Computed	-
KCDV3	76.9	185	Basin "n"		Computed	-	Computed	-	Computed	-
KCDV5	201.3	175	Basin "n"	-	Specified	0.051	Computed	-	Computed	-
KCDV4	134.1	174	Basin "n"	-	Specified	0.044	Computed		Computed	-
KCDV7	52	153.5	Basin "n"	-	Specified	0.037	Computed	-	Computed	-
KCDV8	126.2	152.9	Basin "n"	-	Specified	0.043	Computed	-	Computed	-
KCDV9	82.2	144.2	Basin "n"	-	Specified	.051	Computed	-	Computed	-
KCOS02	54.9	166.3	Basin "n"	-	Specified	0.07	Computed	-	Computed	•
KCOS03	30.4	153	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
OSKC05	102.3	181.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV06	94.2	166.5	Basin "n"	-	Specified	0.039	Computed	-	Computed	-
KCOS04	29.3	145.2	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS06	20.3	166	Basin "n"	-	Specified	0.07	Computed	-	Computed	•
KCA3	297.3	151	Basin "n"	-	Specified	0.049	Computed	-	Computed	•
KCOS11	11.1	157.5	Busin "n"	-	Specified	0.07	Computed		Computed	-
KCDV11	13.8	145.1	Basin "n"	-	Specified	0.044	Computed	-	Computed	
KCDV10	68,4	140.1	Basin "n"	~	Specified	0.045	Computed		Computed	-
KCDV12	96,8	138.3	Basin "n"	-	Specified	.042	Computed		Computed	
KCQS12	65	156.5	Basin "n"	-	Specified	0.070	Computed	-	Computed	-
KCOS13	21	154	Basin "n"	-	Specified	0.070	Computed	-	Computed	-
KCOS14	14	145.5	Basin "n"	-	Specified	.070	Computed	-	Computed	
KCOS15	68.2	122.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCOS3A	168.5	213	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
EXKC13	73.3	140	Basin "n"	-	Computed	-	Computed	-	Computed	-
EXKC14	95.1	120	Basin "n"	-	Computed	-	Computed		Computed	-

	Channel Length	Centroid Length	Slope								Land	Use I		ious A acres)	rea P	ercent						
Watershed	(ft)	(fi)	(fv/ft)	Channelization	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1
KCOS1	1576	850	0.0159	Undeveloped	-	-		-	-	-	-		-	-	-	-	-	-	-	-	-	Ŀ
				Developed	-		-	-	<u> </u>		-				-	-	-	-	<u> </u>		-	↓:
KCDV2	3940	750	0.0156	Undeveloped	-	-	<u> </u>	-		-	-	-	-	-	-	-	-	<u> </u>	-	-	<u> </u>	Ļ
				Developed	-	-	<u> </u>	-	<u> </u>	-	-		-		-		<u> </u>	-			-	┵
KCDV3	1920	444	0.0042	Undeveloped	2.6	6.8	<u> </u>		_		8.1	21.4					ļ		12.9	25.1	<u> </u>	╄
				Developed Undeveloped	-	0	-	-	_	-	-	0		-		-	 -	-	0	0	-	+
KCDV5	4464	1907	0.0103	Developed			-	-	-	-	-	-		-	-	-	-	-	-		-	H
				Undeveloped	-		 -			-	-			-		-	- -	-			H	+
KCDV4	3297	917	0.003	Developed		_	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	Η.
V CDV2	1665	£00	0.0001	Undeveloped	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	Τ.
KCDV7	1655	580	0.0091	Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
KCDV8	4054	2363	0.0081	Undeveloped	-	-	-	-	-	-	,	-	-	-	-	-	-	-	-	-	-	Τ.
KCDVB	4034	2303	0.0081	Developed	-	-		-	-		-	-		•	-	-	-	-	-	-	-	1.
KCDV9	4360	2120	.0083	Undeveloped	-	-	-	-	-	-	-	-	-	,	-	•	•	-	-	1	-	L.
	.500	2120	.0005	Developed	-	-	<u> </u>	-	-	-	-	-	-	•	-		•		-	-	-	
KCOS02	3900	2145	.005	Undeveloped	-	-	-	-	-	-	-	-	-	,	-	-		-	-		-	Ŀ
				Developed	-	-	-		-	-	-		-	-		-	-		-	-	<u> </u>	Ŀ
KCOS03	2089	415	.0048	Undeveloped	-	-	<u> </u>		-	-	-	-	-	-		-		<u> </u>		-	<u> </u>	
				Developed Undeveloped	-	-	<u> </u>	-	-	-	-		-	-	-	-	-	-	-	-	<u> </u>	+
OSKC05	4804	2082	.0081	Developed			<u> </u>	-	_	-	-		-		-	-	<u> </u>	 -	-	-	-	H
				Undeveloped		-	<u> </u>		-	<u> </u>			-			-		 	-	-	-	Ħ.
KCDV06	3313	1851	.0063	Developed		-		-	_	-	_	-	-	-	-	-	-	-	-	-	-	士
V COCO4	27.45	1205	005	Undeveloped	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Τ.
KCOS04	2745	1385	005	Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Τ-
KCOS06	2377	1387	0027	Undeveloped	-	-	-	-	-	,	-	-	-	-	-	-	-	-	-	-	-] -
XC0300	2317	1507	0027	Developed		-	-			-	-	-	,	-	-		-	-	-	-	-	_
KCA3	7016	3899	.006	Undeveloped	-		<u> </u>	-	-	-	-		-	-	-	-	-	<u> </u>		-	-	<u> </u>
			~	Developed		-	<u> </u>				-	-	-	-	-	<u> </u>	-	-	-		<u> </u>	┝╌
KCOS11	726	572	.0069	Undeveloped	_	-	<u> </u>	-	-	-	-	-	-	-	-				-	-	-	+
				Developed Undeveloped		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	H.
KCDVII	850	322	.0213	Developed	_	-	<u> </u>		-	-		<u> </u>					-	-		-	-	
	2474		0.180	Undeveloped	_	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
KCDV10	2474	1482	.0178	Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDV12	3407	1720	.0119	Undeveloped	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCDV12	3407	1720	.0119	Developed	-	-	-	-		-	-	-	-	-	-		-	-	-	-	-	_
KCOS12	2632	1237	.0057	Undeveloped	-	-	<u> </u>	-	-	-	-		-	-	-	-	-	-	-	-	-	
	2002	1237	.0027	Developed	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	_
KCOS13	1370	566	.0088	Undeveloped	-	-	<u> </u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<u>_</u>
				Developed	-		-	-	-	-	-		-		-	-	-		-	-		-
KCOS14	1990	908	.0085	Undeveloped	-		<u> </u>		-	-			-	-	-	-	-	<u> </u>	-	-	-	-
				Developed Undeveloped	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KCOS15	3317	1334	.0027	Developed		<u>-</u> -	- ا	-	-				-	_	-	-		-		-	-	H
	2000			Undeveloped	-		-	-	-	_	-	-	-		-	-	-	-	-	_	-	Τ.
KCOS3A	3787	1555	.0132	Developed		_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Η-
EWKCIS	4651	2747	0105	Undeveloped			1													100		
EXKC13	4651	2747	0105	Developed			i i													0		
EXKC14	79700	3064	.003	Undeveloped																100		
LAKC14	19100	3004	.003	Developed																0		

^{*}Deuse Oaks, Shrubs, Vines

	Soil Cover							I	Land Use	e Imperv (% or	ious Arc acres)	a Perce	nt						
Watershed	Group	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	B C					-			<u> </u>							ļ	1.0		<u> </u>
RCOSI	D				ļ .		 		 				 				12	ļ	
	В						<u> </u>						 		<u> </u>	<u> </u>	1		
KCDV2	С	1.1					<u> </u>	26.2	12,2			-				8.2	2.2		
	D	2						36.7	21.6							2,2	7.8		\Box
	В																		
KCDV3	С		<u> </u>				ļ	<u> </u>											
	D B	2.6	6.8				ļ	8.1	21.4			ļ	<u> </u>			12.9	25.1		<u> </u>
KCDV5	C				<u> </u>		<u> </u>			-						1.1	 		<u> </u>
iceb ()	D	7.2			<u> </u>		3.7	25.9	81.2				<u> </u>			23.7	58.5		
	В			·					V <u>z</u>							22.7	70.0		$\overline{}$
KCDV4	С																4.7		
	D						6.4	57.5	6.4	41						14	5.3		
	В				<u> </u>														
KCDV7	C D	2,6 4,2	12.4				11.6	16.7								1			
	В	4,2	12.4				11.6	15.7							-	4.5			
KCDV8	C	1.6						 									-		_
	D	5						58.9	37.2							18.3	5.2	-	
	В																		
KCDV9	С																		
	D	16.2	2.5						24.5	1						9.8	28		
V.C.O.002	B C												<u> </u>				1/1		
KCOS02	Ď												<u> </u>				16.3 38.6		
	В												 				36.0		
KCOS03	C												l				12.7		
	D				l												17.7		
	В																		
OSKC05	С																		
	D				 _	<u> </u>				ļ							102.3		
KCDV06	B C	0.9								<u> </u>			ļ						
KCD 100	D	23					10.9	46.9								5.5	7		
	В				-		10.7	70.7									<u> </u>		
KCOS04	С						<u> </u>										20.4		
	D																8.9		
	В																		
KCOS06	C						ļ										20.0		
	D													-			20,3		
KCA3	B C		-			ļ			120							0.6	26.3		
	D		-				-	l	78.4				-			4.4	67.6		
	В																		
KCOS11	С																5.9		
	D																5.2		
KCDVII	В			<u> </u>	<u> </u>		<u> </u>	 	ļ				<u> </u>						_
KCDV11	C D	2.1		 	I		<u> </u>	-	8.9	<u> </u>			 	ļ		2.8			
	В	۷.1		-		 -	 	 	0.9				 			4.8			
KCDV10	C				\vdash		 		 				 			l			
	D	5	5						13.2	32,5						8	4.7		
	В																		
KCDV12	С	1.5				ļ	ļ		L								1		
	D	5.5	24		ļ		ļ	<u> </u>	23.2	24.9			ļ			15.8	1.3		
KCOS12	B C			 	 			 	ļ	<u> </u>			ļ				27.1		
KCO312	D		 	 		-											37.9		
	В			 	<u> </u>	<u> </u>											<u> </u>		

KCOS13	С								1.3	
KC0313	D								19.7	
	В									
KCOS14	С									
	D								14	
	В									
KCOS15	С									
	D								68.2	
	В									
KCOS3A	С								32.6	
	D								135.9	
	В									
EXKC13	C								6.5	
	D								66.8	
	В									
EXKC14	С								4.1	
	D								91	

Refer to the help file for Land Use Impervious Area Percent

Dense Oaks, Shrubs, Vines

	ng – Muskingum-C			Length	Slope	Width or Diameter	Side Slope	Mannings
Routing ID	Route From	Route To	Channel Type	(ft)	(ft/ft)	(ft)	(H:V)	"n"
RI	DET03	Jì	Pipe	2814	0.005	3	3:1	0.015
R6A	OSKC05	J06	Trapezoidal	555	0.007	20	4:1	0.030
R4	J03	J04	Trapezoidal	2319	0.0048	30	4:1	0.014
R5	J04	J05	Trapezoidal	2582	0.0039	20	3:1	0.015
R7	106	J7	Trapezoidal	2058	0.0025	20	3:1	0.025
R2A	KCOSI	J02	Trapezoidal	1510	0.0159	05	3:1	0.03
R2	Jl	J02	Trapezoidal	644	0,0047	5	3:1	0.03
R3	J02	J03	Trapezoidal	3485	.0313	5	3:1	0.03
R6	J05	J06	Trapezoidal	2283	0,0031	20	3:1	0.03
R8	J7	J08	Trapezoidal	95	0.0025	10	1:1	0.025
R8A	KCOS11	J08	Pipe	1147	0.005	3		0.015
R9	J08	J9	Trapezoidal	3214	0.0019	20	3:1	0.03
R10B	KCOS12	J10B	Trapezoidal	524	0.005	20	3:1	0.03
R10C	J10B	J10C	Trapezoidal	1398	0.005	10	3:1	0.03
R10D	J10C	110	Pipe	2907	0.0034	4		0.015
R3A	KCOS3A	JI	Pipe	2628	0.005	5		0.015
R10	J10	J11	Trapezoidal	1028	0.0022	15	2.5:1	0.07
RII	JH	J12	Trapezoidal	2966	0.0022	15	2.5:1	0.07

Ratio																	et Data	
A3DET	Detention Basin	Initial Co	ndition					Pond St	orage Rel	ation			,				Q Coef.	Expon
A3DET			0		127.4	128.5	128.5	130.5	131.5						124.41	.54	.61	0.5
A3 DET Pump Hydrograph Name Pump Discharge (cb) Control (cb) Pump Discharge (cb) Pump Dischar		(ft)	Ů		6.38	6.61	6.89	7,23	7.81						128.50	84	2.6	1.5
Pump Hydrograph Name									, <u>-</u>						·			
Paris Par	A3DET	Pump Hv	drooran	h Name		Dump D	inahanas		Pun	np 1	Pun	np 2	Pun	1p 3	Pun	1p 4	Pun	ıp 5
A conting A c			urogrup	n runic														
Paris					Elevatio			Turns On								200000		
DETION Pump Ply Pump Ply Pump Plothar Pump Pump Plothar Pl					Elevat	ion at wh	ich Pump	Turns										
DETO2			***************************************			· · ·	(11)		L			XV	l		<u> </u>	Outle	et Data	
DETO2 Flevation 171 172 173 174 175 176 177 176 177 178 178 176 177 178 17	Detention																O Coct.	Expone
DETO2 The control of the control	Basin	Initial Co	ndition	Classian		l		Pond St	orage Re	ation		т -	T	T	(11)	(sq ft)		-
DETO2 Pump Hydrograph Name Pump Discharge Revail on 176.5 230 2.6 1.5			171	(ft)	171	172	173	174	175	176	177	ļ			171.875	2.41	.61	0.5
Defention Pump Hydrograph Name Pump Discharge (cfs) Pump 1 Pump 2 Pump 3 Pump 4 Pump 5 Pump 5 Pump 6 Pump 7 Pump 6 Pump 7 Pump 6 Pump 7 Pump 7 Pump 7 Pump 7 Pump 8 Pump 9 Pump 8 Pump 9 Pump 8 Pump 9 Pump 9 Pump 9 Pump 9 Pump 8 Pump 9 Pump		(11)			3.228	3.403	3.582	3.765	3.954	4.147	4.344				176.5	230	2.6	1.5
Pump Hydrograph Name Pump Discharge (cfs) Elevation at which Pump Tums Elevation Initial Condition Initial Conditi			L			<u> </u>			Pump	Data	L	.1			L	l		L
Detention Basin	DET02								Pur	np 1	Pur	np 2	Pun	np 3	Pun	ւր 4	Pun	ıp 5
Detention Basin		Pump Hy	drograp	h Name														
Detention Basin					Elevat	ion at wh	ich Pump	Tums	<u> </u>				<u> </u>					
Detention Basin					Florest			Turn					ļ					
Detention Basin					Elevat			prunis										
Haif is a control or																	et Data	
Elevation (ft) 170.5 171.5 172.5 173.5 174.5 175.5 176.5	Detention Basin	Initial Co	ndition					Pond St	orage Re	lation							Q Cocf.	Expond
October Defension Defens					170.5	171.5	172.5		T		176.5				 ``		.61	0.5
Pump Hydrograph Name Pump Discharge Cefs Pump P			170.5		2.654	2.812	2.975	3.143	3.315	3.492	3.673				176	190	2.6	1.5
Pump Hydrograph Name					<u> </u>	.L		<u> </u>	Pump	Data	<u> </u>	J	٠		1	L	L	
Contention Con	DET03								Pu	np l	Pu	mp 2	Pu	mp 3	Pun	пр 4	Pun	ıp 5
Detention Basin		Pump Hy	drograp	h Name]			
Detention Basin					Eleva	tion at wh	ich Pum	p Turns										
Detention Basin					Eleva	tion at wh	ich Pum	p Turns			 							
Basin Initial Condition Found Storage Relation Found Storage Re				Ţ		O 11			1				-l	· · · · · · · · · · · · · · · · · · ·		Outl	et Data	
DETO4 Pump Hydrograph Name Elevation at which Pump Turns On (ft) Elevation At which Pump Turns (ft)	Detention							n 10		1-42-							Q Coef.	Expone
DET04 Detail 161.5 Area (ac) 3.954 4.147 4.344 4.546 4.753 4.964 5.18 167 251 2.6 1.5	Basin				161.5	162,5	163.5	1	T T		167.5	T						<u> </u>
DETO4 Pump Hydrograph Name Pump Discharge (cfs) Pump 1 Pump 2 Pump 3 Pump 4 Pump 5			161.5	Area	3.954	4.147	4.344	4.546	4.753	4.964	5.18	<u> </u>			167	251	2.6	1.5
Pump			L	(ac)	L	L	<u></u>	L	Pumn	Data	L	<u> </u>	<u> </u>	<u> </u>	L	L	L	L
Pump Hydrograph Name	DET04				T						Pu	np 2	Pun	np 3	Pun	np 4	Pun	np 5
Elevation at which Pump Turns On (ft) Elevation at which Pump Turns Off (f		Pump Hy	drograp	h Name				:										
Elevation at which Pump Turns Off (ft)					Elevat	ion at wh	ich Pum	p Turns						-			-	
Detention Basin Initial Condition Point Storage Relation Point Storage Relation Elevation 47 153.9 154 158.5 158.9 159 160 161 162 163 158.0 3.14 6.61 0.5					Elevat	ion at wh	ich Pum	p Turns										
Basin Initial Condition					***************************************		<u> </u>					·	-1			Out	et Data	
147 Elevation (ft) 147 153.9 154 158.5 158.9 159 160 161 162 163 158.0 3.14 .61 0.5	Detention	Initial Co	ndition					Pond Co	Orago Po	lation							Q Coef.	Expone
	1243111	initial CO			147	153.9	154	T	<u>`</u>		160	161	162	163			.61	0.5
		Elevation		(11)						\rightarrow			 	-	+			

	(ft)		Arca (ac)	1.263	2.138	2.424	3.243	3.464	4.591	5.005	6.887	8.655	10.686	162.9	315	2.6	1.5
	ļ							Pumpl		D	- 1	Г ъ	1	T 9	1	D	6
DET05	Pump Hy	drograpł	1 Name		Pump Di	scharge		Pum	, ,	Pum	p 2	Pun	1 p 3	Pui	np 4	Pun	np 5
DB103				Elevation	on at whi	ch Pump	Turns						-				
			ŀ	Elevation	On on at whi		Turns									<u> </u>	
***************************************			<u></u>	~10-00-00-00-00-00-00-00-00-00-00-00-00-0	Off	(ft)						<u> </u>		<u> </u>	Out	et Data	Daniel States
Detention														Elev.	Arca	T	Exponer
Basin	Initial Co	ndition			1	1	Pond St	orage Re	lation	T		1	ı	(ft)	(sq ft)	Q Coci.	Exponer
	Elevation (ft)	152.5	Elevation (ft)	152.5	153.5	154.5	155.5	156.5	157.5	158.5				153.	1.57	.61	0.5
			Area (ac)	2.812	2.975	3.143	3.315	3.492	3.676	3.859				158	170	2.6	1.5
DETO				1				Ршпр		1		1					
DET06	Pump Hy	drograpl	n Name		Pump D	ischarge	:	Pur	np 1	Pui	mp 2	Pur	np 3	Pun	np 4	Pun	ıp 5
				Elmut	(c ion at wh	fs)	- Town			 		_					
					On	(ft)											
				Elevat	ion at wh Off	ich Pum (ft)	p Turns										
				dam en		· · · · · · · · · · · · · · · · · · ·							***************************************		Outl	et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation					Elev.	Arca (sq ft)	Q Coef.	Exponen
	Elevation	139.5	Elevation (ft)	139.5	140.5	143.5	141.5	142.5	144.5	145,5				140.	1.57	.61	0.5
	(ft)	137.5	Area (ac)	0.965	1.061	1.162	1.268	1.378	1.493	1.612				145	135	2.6	1.5
DET07				1				Pump Pum	Data np I	Pur	mp 2	Pun	np 3	Pun	np 4	Pun	np 5
	Pump Hy	drograpi	n Name			ischarge					F						<u> </u>
				Elevat	ion at wh	fs) ich Pum	p Turns			 		1					
				Elevat	ion at wh	(ft) ich Pum (ft)	p Turns										
									··· ·		*****					t Data	
Detention Basin	Initial Co	ndition					Pond St	orage Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponen
	Elevation	135.5	Elevation (ft)	135.5	136.5	137.5	139.5	138.5	140.5	141.5				136.875	2.41	.61	0.5
	(ft)	155.5	Area (ac)	4.147	4.344	4.546	4.753	4.964	5.18	5.4				141	235	2.6	1.5
		L	(40)	l	L		<u> </u>	Pump	Data	l	<u> </u>	l				L	L
DET08	Pump Hy	droamal	Mama		, ,			Pun	ոթ 1	Pun	np 2	Pun	ip 3	Pum	ıp 4	Pun	ւր 5
	rump rry	diograph	i Name	Elevati		ischarge fs) ich Pum									-		
				Elevati	On ion at wh Off		p Turns									<u> </u>	
		W. M.		l				ļ				 			Outle	t Data	
Detention Basin	Initial Co	ndition					Pond St	orage Rel	ation					Elev. (ft)	Area (sq fl)	Q Coef.	Exponen
	Elevation	131.5	Elevation (ft)	131.5	132.5	133.5	134.5	135.5	136.5	137.5				132.125	1.23	.61	0.5
D. D. C. C.	(ft)		Arca (ac)	2.425	2.576	2.732	2.893	3.058	3.228	3.403				137	130	2.6	1.5
DET09								Pump Pun	Data np I	Pun	np 2	Pun	ip 3	Pun	ıp 4	Pun	1p 5
	Pump Hy	drograpi	n Name		Pump D	ischarge fs)									-		-
	ļ			Elevati	ion at wh	ich Pump	o Turns										

					On	(ft)						1				l	
		9		Elevati	on at wh Off		Turns							200000000000000000000000000000000000000			
																of Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation			· · · · · · · ·		Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation	130.5	Elevation (ft)	130.5	131.5	132.5	133.5	134.5	135.5	136,5				131.5	.785	.61	0.5
	(ft)	10.0	Area (ac)	0.112	0.147	0.186	0.23	0.278	0.331	0.388				136	50	2.6	1.5
12 1200						,		Pump									
DETH	Pump Hy	drograpl	n Name			ischarge fs)		Pun	np 1	Pun	np 2	Pun	np 3	Pur	որ 4	Pun	ıp 5
				Elevat	ion at wh		Tums										
				Elevat	ion at wh Off	ich Pump	Turns										
															Outl	et Data	
Detention Basin	Initial Co	ndition		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Pond St	orage Re	lation					Elev. (ft)	Area (sq fi)	Q Coef.	Exponent
	Elevation	127.5	Elevation (ft)	127,5	128,5	129.5	130.5	131.5	132.5	133.5				128.0	1.57	.61	0.5
	(ft)	127.5	Area (ac)	1.493	1.612	1.736	1.865	1.998	2.136	2.278				133	150	2.6	1.5
								Pump									
DET10	Pump Hy	dramm	a Nama		n n			Pun	np I	Pur	ıp 2	Pun	1p 3	Pur	np 4	Pun	ър 5
	Fump ny	Grograpi	1 Name	Elavat	rump D (c: ion at wh					<u> </u>							
					On	(ft)											
				Elevat	ion at wh Off) Tums										
														<u> </u>		et Data	
Detention Basin	Initial Co	ndition_					Pond St	orage_Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation		Elevation (ft)	126.5	127.5	128.5	129.5	130.5	131.5	132.5				127.0	2.355	.61	0.5
	(ft)	126,5	Area (ac)	2.278	2.425	2.576	2.732	2.893	3.058	3.228				132	200	2.6	1.5
			<u> </u>		L		<u> </u>	Pump	Data	L	<u> </u>				<u> </u>		
DET12								Pun	np I	Pum	ıp 2	Pun	ւթ 3	Pun	np 4	Pun	ıp 5
	Pump Hy	drograp	h Name		(c					ļ					_	ļ	
						(fl)						ļ					
				Elevat	ion at wh		o rums			L							

View HEC-1 output

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 1-day rainfall)

			ou-year, 1-day			
	Peak	Time of	Basin	Peak	Peak	
ID	flow	peak (haven)	area	stage	storage	Diversion volume
	(cfs)	(hours)	(sq. mi)	(feet)	(ac-ft)	(ac-ft)
KCOS15	82.	12:30	.11			
KCA3	338.	12:34	.46			
A3DET	278.	12:46	.46	130.	15.	
OSKC05	117.	12:33	.16			
R6A	117.	12:34	.16			
KCOS06	60.	12:04	.03			
KCOS02	61.	12:33	.09			
KCOS1	31.	12:14	.03			
R2A	31.	12:18	.03			
KCDV3	115.	12:21	.12			
DET03	7.9	16:02	.12	175.	14.	
R1	7.9	16:09	.12			
KCDV2	253.	12:11	.19			
DET02	24.	13:55	.19	176.	18.	
KCOS3A	225.	12:25	.26			
R3A	224.	12:28	.26			
J1	251.	12:28	.57			
R2	250.	12:30	.57			
J02	271.	12:29	.60			
R3	271.	12:33	.60			
KCDV4	239.	12:15	.21			
DET04	23.	15:07	.21	166.	22.	
J03	353.	12:33	.89			
R4	352.	12:37	.89			
KCOS03	54.	12:15	.05			
KCDV5	302.	12:21	.31			
DET05	27.	15:28	.31	161.	38.	
J04	394.	12:37	1.25			
R5	393.	12:40	1.25			
KCOS04	74.	12:07	.05			
KCDV06	170.	12:15	.15			
DET06	16.	15:15	.15	157.	16.	.00
J05	424.	12:40	1.45			
R6	418.	12:46	1.45			
KCDV7	138.	12:06	.08			

DET07	16.	13:08	.08	144.	6.1	.00	
KCDV8	201.	12:19	.20				
DET08	22.	15:14	.20	140.	22.	.00	
J06	561.	12:44	1.92				
R7	556.	12:49	1.92				
J7	833.	12:48	2.38				
R8	833.	12:48	2.38				
KCOS11	23.	12:10	.02				
R8A	23.	12:13	.02				
KCDV9	119.	12:23	.13				
DET09	12.	15:27	.13	136.	14.	4	
KCDV11	43.	12:04	.02				
DET11	7.9	12:35	.02	136.	1.0		
J08	857.	12:48	2.55				
R9	840.	12:56	2.55				
19	889.	12:55	2.66				
KCOS14	23.	12:18	.02				
KCOS13	40.	12:13	.03				
KCOS12	89.	12:23	.10				
R10B	89.	12:25	.10				
J10B	115.	12:23	.13				
R10C	115.	12:27	.13				
J10C	133.	12:26	.16				
R10D	132.	12:31	.16				
KCDV10	137.	12:12	.11				
DET10	16.	13:43	.11	132.	8.8	.00	
KCDV12	179.	12:14	.15				
DET12	24.	13:52	.15	131.	13.	.00	
J10	1007.	12:54	3.07				
R10	993.	12:58	3.07				
EXKC13	151.	12:11	.11				
J11	1025.	12:57	3.19				
R11	993.	13:08	3.19				
EXKC14	34.	15:09	.15				
J12	1009.	13:08	3.33				

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(10-year, 1-day rannan)							
ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)	
KCOS15	48.	12:30	.11				
KCA3	199.	12:34	.46				

A3DET	153.	12:51	.46	129.	12.	
OSKC05	68.	12:33	.16			
R6A	68.	12:35	.16			
KCOS06	33.	12:04	.03			
KCOS02	36.	12:34	.09			
KCOS1	17.	12:14	.03			
R2A	17.	12:19	.03			
KCDV3	67.	12:21	.12			
DET03	6.1	15:28	.12	173.	8.4	
R1	6.1	15:36	.12			
KCDV2	145.	12:11	.19			
DET02	18.	13:41	.19	174.	12.	
KCOS3A	130.	12:25	.26			
R3A	130.	12:29	.26			
JI	150.	12:29	.57			
R2	150.	12:31	.57			
J02	162.	12:30	.60			
R3	162.	12:35	.60			
KCDV4	138.	12:15	.21			
DET04	18.	14:04	.21	165.	14.	.00
J03	213.	12:35	.89			
R4	212.	12:39	.89			
KCOS03	30.	12:15	.05			
KCDV5	176.	12:21	.31			
DET05	14.	15:40	.31	159.	26.	
J04	227.	12:38	1.25			
R5	227.	12:43	1.25			
KCOS04	41.	12:07	.05			
KCDV06	99.	12:15	.15			
DET06	13.	14:12	.15	156.	9.8	
J05	247.	12:42	1.45			
R6	244.	12:49	1.45			
KCDV7	79.	12:06	.08			
DET07	13.	13:06	.08	143.	3.7	.00
	117.	12:19	.20			
KCDV8		14:30	.20	139.	15.	
	16.	14,50	-			
DET08	16. 331.		1.92			
DET08 J06	331.	12:48	1.92 1.92			
KCDV8 DET08 J06 R7 J7	331. 329.	12:48 12:53	1.92			
DET08 J06 R7	331.	12:48				

1							
R8A	13.	12:13	.02				
KCDV9	70.	12:23	.13				
DET09	9.3	15:00	.13	135.	8.3	.00	-
KCDV11	24.	12:04	.02				
DET11	6.2	12:30	.02	134.	.6	.00	
J08	499.	12:53	2.55				
R9	490.	13:02	2.55				
J9	517.	13:01	2.66				
KCOS14	13.	12:18	.02				
KCOS13	23.	12:13	.03				
KCOS12	51.	12:23	.10				
R10B	51.	12:26	.10				
J10B	66.	12:24	.13				
R10C	66.	12:28	.13				
J10C	76.	12:27	.16				
R10D	76.	12:33	.16				
KCDV10	79.	12:12	.11				
DET10	13.	13:36	.11	131.	5.4	.00	
KCDV12	104.	12:14	.15				
DET12	19.	13:41	.15	130.	7.8	.00	
J10	591.	13:00	3.07				
R10	584.	13:04	3.07				
EXKC13	86.	12:11	.11				
J11	603.	13:04	3.19				
R11	586.	13:16	3.19				
EXKC14	20.	15:09	.15				
J12	596.	13:17	3.33				

-	(100 voor	10 das	vainfall)
- 4	(100-year.	10-421	Taimaii)

(100-year, 10-day rainfall)							
ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)	
KCOS15	39.	153:10	.11				
KCA3	171.	153:12	.46				
A3DET	162.	153:26	.46	129.	13.		
OSKC05	58.	153:11	.16				
R6A	58.	153:14	.16				
KCOS06	13.	152:48	.03				
KCOS02	30.	153:12	.09				
KCOS1	11.	153:01	.03				
R2A	11.	153:07	.03				
KCDV3	49.	153:04	.12				

DET03	8.2	154:49	.12	175.	15.	.00
R1	8.2	154:57	.12			
KCDV2	82.	153:00	.19			
DET02	23.	154:15	.19	176.	18.	.00
KCOS3A	100.	153:06	.26			
R3A	100.	153:10	.26			
J1	129.	153:11	.57			
R2	129.	153:13	.57			
J02	139.	153:12	.60			
R3	139.	153:17	.60			
KCDV4	89.	153:02	.21			
DET04	24.	154:24	.21	166.	22.	.00
J03	191.	153:16	.89			
R4	191.	153:21	.89			
KCOS03	19.	153:02	.05			
KCDV5	128.	153:04	.31			
DET05	32.	154:35	.31	162.	48.	.00
J04	236.	153:16	1.25			
R5	236.	153:21	1.25			
KCOS04	19.	153:00	.05			
KCDV06	64.	153:02	.15			
DET06	16.	154:25	.15	157.	16.	.00
J05	262.	153:18	1.45			
R6	262.	153:24	1.45			
KCDV7	37.	153:00	.08			
DET07	15.	154:06	.08	144.	5.1	.00
KCDV8	83.	153:03	.20			
DET08	22.	154:30	.20	141.	23.	
J06	361.	153:18	1.92			
R7	361.	153:23	1.92			
17	524.	153:25	2.38			
R8			2.38			
KCOS11			.02			
R8A			.02			
KCDV9			.13			
DET09			.13			.00
KCDV11			.02			
DET11			.02			.00
J08			2.55			
R9			2.55			
J9			2.66			

KCOS14	.02	
KCOS13	.03	
KCOS12	.10	
R10B	.10	
J10B	.13	
R10C	.13	
J10C	.16	
R10D	.16	
KCDV10	.11	
DET10	.11	.00
KCDV12	.15	
DET12	.15	.00
J10	3.07	
R10	3.07	
EXKC13	.11	
J11	3.19	
R11	3.19	
EXKC14	.15	
J12	3.33	

Appendix G: Technical Memorandum – Shalako Detention Basin Alternatives



TECHNICAL MEMORANDUM

Date:

July 28, 2010

To:

Bob Shattuck, Lennar Communities

From:

Ken Giberson, MacKay & Somps

TM No.:

Technical Memorandum No. 4

Subject:

Shalako Detention Basin Alternatives

SunCreek Specific Plan Rancho Cordova, CA

Job No.:

7991-10

Task No.:

Task B.3

A. Introduction

The Shalako property is located in the most southwestern corner of the SunCreek Specific Plan area. The southern boundary of the Shalako property abuts the northwestern portions of the Arboretum project. Figure 1 depicts the Shalako and the northwestern portions Arboretum projects.

A tributary to Laguna Creek, Kite Creek, bisects the Shalako property in a north-south direction dividing the development into two separate areas – a western area and an eastern area. The southern portion of the western area Shalako property naturally drains towards the Arboretum project.

Development of the Shalako property will redirect this southern portion of the western area watershed easterly to a proposed detention basin located at the western edge of the Kite Creek preserve area near the south boundary of the Shalako property. This redirection would assure that the Shalako property will not drain onto the Arboretum project post development.

This redirection is, also, required to conform to the requirements of the Conceptual Level Strategy for wetland preservation for the SunCreek Specific Plan area that, in part, mandates that runoff from the developed portions of the SunCreek project not drain directly to the preserve area. Instead, these flows are to be directed to strategically located detention basins for water quality treatment and peak flow attenuation prior to discharge to Kite Creek and the preserve areas.

In order to accomplish this redirection, several feet of fill will need to be placed along the most southern tier of lots of the Shalako property. The resulting lot pad

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elevations would be $2\pm$ to $6\pm$ feet higher than the adjoining tier of lots on the Arboretum site. ¹

This difference in elevations between adjoining lots will create a significant slope between adjoining lots, an undesirable condition requiring slopes and excessive lot depths on the lower lots or the construction of expensive retaining walls to retain the slope.

In an effort to resolve this situation, the question has been raised whether a redesign of the basic grading/drainage concepts incorporated into the Storm Drainage Master Plan (SDMP) for SunCreek in this portion of the Shalako property could alleviate this problem. The intent would be to achieve a more compatible grading interface between the two projects.

The solution to this problem lies in determining whether the detention basin (Basin 12) that will serve this portion of the Shalako development can be reduced in size (depth) to lower the pad grades of the most southern tier of lots along the south boundary of the Shalako development. Figure 1 also shows the location of the Shalako detention basins in relation to the grading interface problem area, as well as the wetland preserve and Kite Creek areas. To compensate for the loss in flood storage volume in Basin 12, Basins 9, 10 and 11 will be increased in the size to over-detain post development flows sufficiently to compensate for the elimination of the 100-year peak flow storage volume of the basin in question (Basin 12).²

The intent of this technical memorandum is to document the analysis necessary to determine whether redistribution of storage volumes in these four detention basins is feasible. For purposes of this analysis, a compliance point in Kite Creek at the southern boundary of the Shalako property will be used to test whether reconfiguration of the flood control volumes of these four basins is feasible. The test for feasibility will be whether one can achieve a "no-net change" condition in the flows exiting the site at the point Kite Creek crosses the south boundary of the Shalako property.

B. Methodology

Building on the storm drainage Sac-Calc Baseline Conditions modeling contained in the SDMP, the approach to this analysis is briefly summarized as follows:

1. The stand-alone hydromodification flow duration control volume requirements for Basin 12 will be quantified and separated from the total

¹ Personal Conversation with Sean Davis of RJA Engineers on July 27, 2010.

² Water quality and hydromodification flow duration control volumes in Basin 12 would not change under this scenario.

detention volume of the basin.

- 2. Basin 12 will be reduced in size sufficiently to allow the overland release from the southwestern portion of the Shalako property to pass through the basin unattenuated and discharge directly into Kite Creek while retaining the requisite water quality and hydromodification volumes. This will allow the magnitude of filling that is needed to occur along the common property line between the two adjoining projects to be reduced to minimize and/or eliminate the grading interface problem.
- 3. The flood control volumes in the three remaining basins will be increased on an incremental basis until the hydraulic model reflects a "no net change" condition at the compliance point mentioned above.
- 4. Compare the magnitude of the flows at the compliance point to demonstrate a "no net change" condition at the compliance point.

C. Analysis

In accordance with the methodology outlined above, the following analysis was performed:

1. Determine Requisite Stand-Alone Hydromodification Flow Duration Control Volumes For Basin 12.

The detention basins shown on the Baseline Conditions Model for SunCreek were designed as combined water quality, hydromodification flow duration control and flood control basins. As such, because of the timing of flows entering these detention basins from the developed portions of the SunCreek project some of the storage volume above the 1.5 foot deep hydromodification weir is jointly used for additional hydromodification storage and peak flow attenuation storage for the 100-year design event.

Since hydromodification includes design events up to the 10-year design event, Basin 12 can only be reduced by the amount of the jointly used volume. Based on the hydromodification analysis performed by CBEC for the SDMP, CBEC estimated that magnitude of this joint storage volume to be approximately 50% of the flood storage volume of the detention basin plus the 1.5 foot high hydromodification weir.³⁴

³ Personal communication between Ken Giberson of MacKay & Somps and Chris Campbell of CBEC on December 14, 2009 (approximately 50% for 10-year/24-hour storm).

This joint storage volume was then estimated for each of the four basins under study. Also, the water quality and 1.5' pool volumes of each of the basins were determined. The results of this analysis are summarized in Table 1.

Table 1
Requisite Detention Basin Volumes
(Assuming Baseline Conditions Model)

Basin	1.5' Hydro- Modification Storage Volume	Baseline Conditions Model 100- Year Storage Volume	Total Storage Volume	Joint Detention Volume	Water Quality Volume
No.	(AF)	(AF)	(AF)	(AF)	(AF)
9	3.0	14.0	17.0	5.5	1.5
10	1.5	10.1	11.5	7.1	1.7
11	0.2	1.0	1.2	0.4	0.4
12	3.5	13.0	16.5	4.8	3.0
Total	8.1	38.8	46.1	17.8	6.6

2. Redesign Basin 12 To Minimize And/Or Eliminate The Grading Interface Problem.

An effort was then undertaken to redesign Basin 12 to lower the overland release elevation for the southwest portion of the Shalako property and, thereby, lower the basin depth and the pad elevations of the southern tier of Shalako lots along the common boundary line with the Arboretum property. This redesign effort reduced the pad elevations in question in the magnitude of $1\pm$ to $3\pm$ feet.⁵ This effectively eliminated and/or minimizes the grading interface problem between the two projects.

3. Determine Additional Peak Flow Storage Volumes in Basins 9, 10 and 11 Required To Achieve A "No Net Change" Condition.

The storage volumes of Basins 9, 10 and 11 were then incrementally increased and the model re-run each time until a "no-net change" condition was achieved at the compliance point. Figure 2 is a tabular

⁴ Design level analysis should be performed prior to approval of improvement plans for the project to verify this accuracy of this analysis.

⁵ Personal conversation with Sean Davis at RJA Engineers on July 27, 2010.

computation and pictorial representation of this analysis. Table 3 shows the resulting storage volumes in the basins under study.

Table 2
Requisite Detention Basin Volumes
(Assuming Current Scenario)

Basin No.	1.5' Hydro- Modification Storage Volume (AF)	Current Scenario 100-Year Storage Volume (AF)	Total Storage Volume (AF)	Joint Detention Volume (AF)	Water Quality Volume (AF)
9	3.0	26.0	29.0	5.5	1.5
10	1.5	20.0	21.5	7.1	1.7
11	0.2	2.3	2.5	0.4	0.4
12	3.5	0.0	8.2	4.8	3.0
Total	8.1	48.3	46.1	17.8	6.6

4. Compare the Magnitude of the Flows at the Compliance Point to Demonstrate a "No Net Change" Condition at the Compliance Point.

The results of this analysis were then tabulated to demonstrate that a "nonet change" condition was achieved. Table 3 includes the results of this analysis demonstrating a "no-net change" condition. The final results of the Baseline Conditions Model SAC-CALC analysis are included in Appendix A.

D. Summary of Results

This technical memorandum demonstrates that it is technically feasible to achieve an increase the peak flow storage volumes of Basins 9, 10 and 11 such that the peak flow storage volume of Basin 12 can be reduced sufficiently to minimize and/or eliminate the grading interface problem between the Shalako and Arboretum projects. As shown in Table 2, this can be accomplished while meeting the "no-net change" requirement at the compliance point.

Table 3 "No-Net Change" at Compliance Point Tabulation

Scenario	10-Year Flow at Compliance Point	100-Year/24 Hour Flow at Compliance Point
Baseline Conditions Model	617 cfs	1,024 cfs
Current Scenario	613 cfs	1,034 cfs ⁶

One significant result of such a redistribution of storage volumes between Basins 9, 10, 11 and 12 is the significant increase in storage volumes in Basins 9, 10 and 11 required to achieve a "no-net change" condition. The increase in the aggregate storage volumes of Basins 9, 10 and 11 significantly exceed the reduction in volume in Basin 12.

This phenomenon is principally due the differences in response time of the drainage system and the fact that placing additional storage volumes upstream to compensate for the elimination of downstream storage volumes is inefficient. That is to say that it takes a greater amount of upstream storage to mitigate the effect of unattenuated downstream discharges.

E. Conclusion

Notwithstanding the adverse impacts on developable area within the Shalako property, it appears technically achievable to eliminate and/or minimize the grading interface problem. This can be done by reducing the size of Basin 12 and providing a compensating increase in storage volumes in Basins 9, 10 and 11 while still achieving a "no-net change" condition at the compliance point.

⁶ Based on professional experience this flow rate will actually be lower than the Baseline Conditions Model results when using HEC-RAS Unsteady State analysis. Accordingly, this result is acceptable and deemed to meet the "no-net change" standard utilized in this analysis.

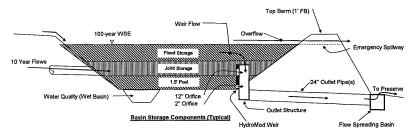
Figure 2

Shalako Detention Requirements Excluding Basin 12 For Flood Detention SunCreek Drainage Master Plan

							Basel	ine Condition	ns Model											Cı	irrent Scen	arlo				
Basin No.	(Ac) Volume, (AcFt)								Subtotal Flood Volume + 1.5' Pool (AcFt.)		Water Quality Volume	Total (AcFL)			Detention		Hydrol	fod Volume,	Ac,-Ft. (2)		Subtotal Flood		Water Quality Volume	Total (AcFt.)		
		17.51	200		9.7.67	Total	<u>(1)</u>	Joint Use	1.5' P	ool	1.001	10.4 1.7	(AcFt.)	[AU1 L]	Volume, (Ac,-Ft)			<u>Total</u>		Joint Use	lse <u>1.5' Pool</u>		1.0 1 001 (AC.4 C/10)		(AcFt)	IAU-TEI
9	4.00	2.00	14.0	82%	100 Year/ 24 Hour	8.5	50%	5.5	3.0	18%	17.0	100%	1.5	18.5	26.0	90%	100 Year/ 10 Day	8.5	29%	5.5	3.0	10%	29.0	100%	1.5	30.5
10	2.50	1.00	10.0	87%	100 Year/ 10 Day	5.8	50%	4.3	1.5	13%	11.5	100%	1.7	13.2	20.0	93%	100 Year/ 10 Day	5.8	27%	4.3	1.5	7%	21.5	100%	1.7	23.2
11	0.80	0.12	1.0	85%	100 Year/ 24 Hour	0.6	50%	0.4	0.2	15%	1.2	100%	0.4	1.6	2.3	93%	100 Year/ 10 Day	0.6	24%	0.4	0.2	7%	2.5	100%	0.4	2.9
12	4.20	2.30	13.0	<u>79%</u>	100 Year/ 24 Hour	<u>8.2</u>	50%	4.8	3.5	21%	<u>16.5</u>	100%	3.0	19.5	0.0	0%	n/a	8.2	100%	4.8	3.5	<u>n/a</u>	8.2	100%	3,0	11.2
Total	11.50	5.42	38.0	82%		23.1		14.9	8.1		46.1		6.6	52.7	48.3			23.1		14.9	8.1		61.2		6.6	67.8

Notes:

- 1. HydroMod Volume for Current Scenario = Approx. 50% of "Subtotal Flood Volume + 1.5' Pool" for 10-Year/24 Hour Storm (Approx. 75% for 100-Year/10 Day Storm).
- 2. HydroMod Volume for Proposed Scenario = Baseline Model Volumes.
- 3. Basin 12 volume controlled by total hydromod volume requirement.
- 4. Numbers may not total due to round-off error.



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Appendix A

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Baseline Conditions Modeling

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Current Scenario Modeling Results

Sacramento Hydrologic Calculator Report July 28, 2010 11:24 Method: Sacra Method: Sacra

Project Title: Basin n Proposed Conditions Metho
Comments: Prepared by: KEC

Metho
Metho
100 yr 24 hour storrms

Metho
Date:
M

Sacramento County HEC-1 method

8/6/2008

		Mean	Lag Ti	mes	Basin	"n"	Loss	Rates	Percent In	mpervious
	Area	Elevation		Lag Time		Basin		Loss Rate		Impervious
Watershed	(acres)	(ft)	Method	(min)	Method	"n"	Method	(in/hr)	Method	Area (%)
KCOS1	16.8	203.5	Basin "n"	-	Specified	0.07	Computed		Computed	-
KCDV2	120.2	199.7	Basin "n"	•	Specified	0.043	Computed	•	Computed	-
KCDV3	76.9	185	Basin "n"	-	Computed	-	Computed	-	Computed	-
KCDV5	201.3	175	Basin "n"		Specified	0.051	Computed	-	Computed	-
KCDV4	134.1	174	Basin "n"	-	Specified	0.044	Computed	-	Computed	-
KCDV7	52	153.5	Basin "n"	-	Specified	0.037	Computed	-	Computed	-
KCDV8	126.2	152.9	Basin "n"	-	Specified	0.043	Computed	-	Computed	
KCDV9	82.2	144,2	Basin "n"	-	Specified	.051	Computed	-	Computed	-
KCOS02	54.9	166.3	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCOS03	30.4	153	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
OSKC05	102.3	181.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	
KCDV06	94.2	166.5	Basin "n"	-	Specified	0.039	Computed	-	Computed	-
KCOS04	29.3	145.2	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS06	20.3	166	Basin "n"	_	Specified	0.07	Computed		Computed	-
KCA3	297.3	151	Basin "n"	-	Specified	0.049	Computed	-	Computed	-
KCOS11	11.1	157.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV11	13.8	145.1	Basin "n"	-	Specified	0.044	Computed		Computed	-
KCDV10	68.4	140.1	Basin "n"	-	Specified	0.045	Computed	-	Computed	-
KCDV12	96.8	138.3	Basin "n"	-	Specified	.042	Computed	-	Computed	-
KCOS12	65	156.5	Basin "n"	-	Specified	0.070	Computed	-	Computed	-
KCOS13	21	154	Basin "n"	-	Specified	0.070	Computed	-	Computed	-
KCOS14	14	145.5	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS15	68.2	122.5	Basin "n"	1 -	Specified	0.07	Computed	-	Computed	-
KCOS3A	168.5	213	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
EXKC13	73.3	140	Basin "n"	1 -	Computed	-	Computed	-	Computed	-
EXKC14	95.1	120	Basin "n"	-	Computed	-	Computed	-	Computed	-

Basin "n" N	lethod Dat	ta for Lag T	ime Com	putation																		
	Channel	Centroid									Land	Use Ir	npervi (% or :		геа Ре	rcent						
Watershed	Length (ft)	Length (ft)	Slope (ft/ft)	Channelization	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	1576	850	0.0159	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
KCDV2	3940	750	0.0156	Undeveloped	_		-		-	-			-	-	·	-	-	_	-	·		
		 		Developed Undeveloped	2.6	6.8	Ŀ	-	-	-	8.1	- 21.4	-		-				12.9	25.1	-	
KCDV3	1920	444	0.0042	Developed	0	0					0	0							0	0		
KCDV5	4464	1907	0.0103	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<u>-</u>	-	-	-
KCDV4	3297	917	0.003	Undeveloped	-	-	Ξ		-	-	_	-	$\overline{\cdot}$	-	-	-	-	-	-	-	-	-
KCDV7	1655	580	0.0091	Undeveloped Undeveloped	-	-	 :	-	-	-	-	=	-	-	-	-	-	-	÷	-	-	 -
KCDV7	1033	380	0.0091	Developed	-	-	Ŀ	-	-	Ξ	-	-	-	-	-	-	-		=	=	=	-
KCDV8	4054	2363	0.0081	Undeveloped Developed	-	-	=	-	-	-	-	-	-	-	-		-	Ė	=		-	
KCDV9	4360	2120	.0083	Undeveloped Developed	-	-	<u>:</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<u> </u>
KCOS02	3900	2145	.005	Undeveloped	·			-	Ė				-			-		三	Ŀ		·	-
l		ļ	 	Developed Undeveloped	-	-	+	-	-	 -	<u> </u>	 -	-	-	<u> -</u>	<u>-</u>	<u>-</u>	 -	=	÷	<u> </u>	 -
KCOS03	2089	415	.0048	Developed	=	Ē	三	三	ΙΞ.	Ξ	三	=	_	-	=	·	-	Ξ	-	Ξ	Ξ	Ξ
OSKC05	4804	2082	.0081	Undeveloped Developed	-	-	<u>-</u>	-	-	-	-	H÷	-	=	-	-	-	-	-	-	=	-
KCDV06	3313	1851	.0063	Undeveloped Developed	<u> </u>	-	=	-	<u>-</u>	-	-	-	-	-	-	-	-	-	<u> </u>	-	<u> </u>	-
KCOS04	2745	1385	005	Undeveloped	$\overline{\mathbf{E}}$	-	ļΞ	Ξ	Ŀ	Ŀ	Ξ	-	-	三	-	Ŀ	Ŀ	-		Ŀ	Ξ	Ŀ
V.CO606	2277	1207	0027	Developed Undeveloped	 -	 -	-	 -	H÷	-	-	 -	 -	÷	 -	 -	+-	-	-	-	 -	 -
KCOS06	2377	1387	0027	Developed	÷	E	E	=	=	=	-	-	=	E	=	=	=	E	=	=	=	=
KCA3	7016	3899	.006	Undeveloped Developed	Ė		1	Ė	Ė		=				=		=	Ē	Ē	Ė	蒀	
KCOS11	726	572	.0069	Undeveloped Developed	 -	-	 ÷	 -	 ÷	ŀ÷	ŀ÷	 -	H		 -	-	 -	 -	 -	├ ÷	├÷	├÷
KCDVII	850	322	.0213	Undeveloped	-	-	Ŀ	Ŀ	<u> </u>	-	Ŀ	-	-	Ŀ	Ŀ	-	-	IΞ	E	Ŀ	ΙΞ	ΙΞ.
KCDV10	2474	1482	.0178	Developed Undeveloped	-	┝÷	╁÷	 -	+-	 -	H÷	╁÷	+=	+=	 -	+=	 -	┢	+=	-	 ÷	+=
 		 	 	Developed Undeveloped	-	=	F	Ē	-	=	=	=	=	=	-	=	=	=	E	H	=	=
KCDV12	3407	1720	.0119	Developed	_	E	這	=		=	臣		Ė		Ē	Ė	Ė	Ė	1=	Ė	E	1 =
KCOS12	2632	1237	.0057	Undeveloped Developed	 -	 -	+	<u>-</u>	+-	-	-	-	<u>-</u>	-	 -	ŀ÷	<u>├</u> -	<u>-</u>	Ι÷	∤÷	+-	 -
KCOS13	1370	566	.0088	Undeveloped	Ē	E	ļΞ	Ŀ	三	Ε	Ŀ	Ŀ	1=	Ē	Ŀ	ΙΞ	1-	ļΞ	三	-	·	1 :
KCOS14	1990	908	.0085	Developed Undeveloped	 -	 -	 -	 =	╁	 -	÷	╁÷	-	 -	+=	Η÷	+-	╁	╁	-	-	+
	ļ	 	ļ	Developed	E	E	E	E	E	=	E	=	=	E	E	=	I :	E	1=	H	1	=
KCOS15	3317	1334	.0027	Undeveloped Developed	臣	Ë	Ė	這	這	臣	=	Ė	臣	=		Ė	蒀	直	苣	1	蒀	1=
KCOS3A	3787	1555	.0132	Undeveloped Developed	<u>-</u>	 -	₽÷	 	+=	 -	 -	 -	├÷	+-	₩ <u>÷</u>	 -	+-	Ι÷	 ÷	+-	 	╀
EXKC13	4651	2747	0105	Undeveloped					二								1			100	1	1
	70700	2064	002	Undeveloped Undeveloped	\vdash	 	1-	1	+	+	+-	+	\vdash	\vdash	\vdash	\vdash	\vdash	+	┼─	100	+	+
EXKC14	79700	3064	.003	Developed																0	工	1

Refer to the Drainage manual for Land Use Impervious Area Percent

*Dense Oaks, Shrubs, Vine

	Soil Cover							I	and Use	Impervi (% or a	ous Areacres)	a Percei	nt						
Watershed	Group	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
V0001	В													<u> </u>	<u></u>		40		
KCOS1	C D																4.8 12		┞—
	В																12		├
KCDV2	C	1.1						26.2	12.2							8.2	2.2		├
RCD V Z	D	2						36.7	21.6				ļ		<u> </u>	2.2	7.8		├
	В							30.7	21.0							2.2	7.0		
KCDV3	c						-								 				
	D	2.6	6.8					8.1	21.4							12.9	25.1		1
	В		***************************************																1
KCDV5	С															1.1			
	D	7.2					3.7	25.9	81.2							23.7	58.5		
	В																		
KCDV4	С																4.7		
	D						6.4	57.5	6.4	41						14	5.3		
	В				<u> </u>							<u> </u>			<u> </u>				<u> </u>
KCDV7	С	2.6				ļ	ļ					<u> </u>		<u> </u>	<u> </u>	1	ļ		
	D	4.2	12.4		├ ──		11.6	15.7					ļ	ļ	ļ	4.5	ļ		-
77 CD 170	В				 	ļ	ļ					<u> </u>	<u> </u>	<u> </u>	 	 			┼
KCDV8	D	1.6 5	 		├		 	500	27.0				 	 	 	10.2	-	ļ	┼
	В	-		<u> </u>	 		 	58.9	37.2			 	 	 	 	18.3	5.2		+
KCDV9	C			 			 	<u> </u>				 		 	-			 	┼─
KCDV	D	16.2	2.5		 				24.5	1			├	 	_	9.8	28	 	+
	В	10.2	2.3	 	 		 	 	24.5			 	┼──	┨──	 	7.0	20		+-
KCOS02	C	 	 		 	 			 			 	 	 	+	 	16.3	 -	†
	D				 		 		l			 	 	<u> </u>	 	 	38.6		\dagger
	В		l				1				· · · · · ·	 	†	ļ	 		1		1
KCOS03	С								-			1	1		1	1	12.7		
	D																17.7		
	В																		
OSKC05	С			<u> </u>													<u> </u>		
	D			<u> </u>	<u> </u>	<u> </u>			<u> </u>								102.3		
	В	<u> </u>	ļ	<u> </u>		<u> </u>	 .		ļ			ļ	ļ		ļ	<u> </u>	ļ		1_
KCDV06	L <u>C</u>	0.9		<u> </u>	 	 	ļ		<u> </u>		ļ			 	ļ	<u> </u>	 -		-
	D	23		 	 	ļ	10.9	46.9	 		ļ	<u> </u>		ـــ	 	5.5	7	ļ	
KCOS04	В		 	 	 	ļ	 				ļ	 		 	 		20.4		-
KCU304	C	 	}	├	┼	├	 				 	 	├	 	┼──	 	20.4 8.9	 	
	В	 	 -	 	┼	├	 	 	 		 		+	┼	+	+	0.9	┼	+
KCOS06		 	 	 	╅	 	 		 		 		 	┨──	+	 	1	+	+
1100000	D		 	†	†	 	 	 	 		 	+	1	+	 	 	20.3	 	1-
	В			 	1		 	 	 		 	1	1	1	 	1	1	1	1-
KCA3	С		<u> </u>	1	1		†	 	120	ļ ———	 	1	 	 	1	0.6	26.3	1	1
	D				1		1		78.4							4.4	67.6	1	1
	В																		
KCOS11	С	<u> </u>															5.9		
	D																5.2		
	В	<u> </u>			ļ								1		1_		1	<u> </u>	
KCDV11	С	<u> </u>	ļ	<u> </u>	 	 	ļ	<u> </u>	 		<u> </u>		 	1	_	 	<u> </u>	 	
	D	2.1	ļ	 	 	1	ļ	 	8.9		 					2.8	1	 	+
WORKE	В	 	├ ─-	 	-	 	 	<u> </u>		<u> </u>	 	 	 		-		 	┼	-
KCDV10		 	 	 	 	 	 	 	1	1 22 -	 	+			+	 	 		+-
	D	5	5	 		 	 	ऻ	13.2	32.5		 		 	-	8	4.7		-
KCDV12	B	1.5	 	┼	+	 	+		 			┼	-	╂	-	+	+	╂	+-
KCD V 12	D	5.5	24	┼──	-	 	 	-	1 22 2	240	-					16.0	1 1 2	 	+-
	В	1 .5	L 24	 	+	 	 	 	23.2	24.9					+	15.8	1.3	-	+
KCOS12	C	+	+	+	+	+	 	 	 	 	┼──	+	-		+-	+	27.1	+	+
1.00312	D	+	1	+	+	+	+	 	+		 	+	+	+	+-	+	37.9	+	+
	B	 	 	 		+	 	 	 	 	 		-	+	┥		1 31.9	+	-

KCOS13	С											1.3]
KCO313	D											19.7	
	В												
KCOS14	С												
	D											14	
	В												
KCOS15	С												
	D											68.2	
	В												
KCOS3A	С											32.6	
	D											135.9	
	В												
EXKC13	С											6.5	
	D							<u> </u>		L		66.8	
	В												
EXKC14	C											4.1	
	D					<u> </u>		1	L	 	<u> </u>	91	

Refer to the help file for Land Use Impervious Area Percent

^{*}Dense Oaks, Shrubs, Vines

drograph Routi	ng – Muskingum-C	Cunge (Standard)						
Routing ID	Route From	Route To	Channel Type	Length (ft)	Slope (ft/ft)	Width or Diameter (ft)	Side Slope (H:V)	Mannings "n"
R1	DET03	J1	Pipe	2814	0.005	3	3:1	0.015
R6A	OSKC05	J06	Trapezoidal	555	0.007	20	4:1	0.030
R4	J03	J04	Trapezoidal	2319	0.0048	30	4:1	0.014
R5	J04	J05	Trapezoidal	2582	0.0039	20	3:1	0.015
R7	J06	J7	Trapezoidal	2058	0.0025	20	3:1	0.025
R2A	KCOS1	J02	Trapezoidal	1510	0.0159	05	3:1	0.03
R2	J1	J02	Trapezoidal	644	0.0047	5	3:1	0.03
R3	J02	J03	Trapezoidal	3485	.0313	5	3:1	0.03
R6	J05	J06	Trapezoidal	2283	0,0031	20	3:1	0.03
R8	J7	J08	Trapezoidal	95	0.0025	10	1:1	0.025
R8A	KCOS11	J08	Pipe	1147	0.005	3		0.015
R9	J08	J9	Trapezoidal	3214	0.0019	20	3:1	0.03
R10B	KCOS12	J10B	Trapezoidal	524	0.005	20	3:1	0.03
R10C	J10B	J10C	Trapezoidal	1398	0.005	10	3:1	0.03
R10D	J10C	J10	Pipe	2907	0.0034	4		0.015
R3A	KCOS3A	J1	Pipe	2628	0.005	5		0.015
R10	J10	J11	Trapezoidal	1028	0.0022	15	2.5:1	0.07
R11	T11	112	Transpoidal	2066	0.0022	15	2 5 1	0.07

etention Ba	cin Data																
ctention Da	ISIII Data														Outle	t Data	
Detention Basin	Initial Con	dition					Pond Sto	rage Rela	tion					Elev. (ft)	Area (sq ft)	Q Coef.	Exponen
	Elevation		Elevation (ft)	127.4	128.5	128.5	130.5	131.5						124.41	.54	.61	0.5
	(ft)	0	Area (ac)	6.38	6.61	6.89	7.23	7.81						128.50	84	2.6	1.5
								Pump I	Data							et Data Q Coef61 2.6 Pur Let Data Q Coef61 2.6	
A3DET	Dumm Han	d	L XI					Pum	p 1	Pump	2	Pump	p 3	Pum	p 4	Pum	p 5
	Pump Hyo	подгар	n Name		Pump Di (cf	_			ł								
		***************************************			at which	ı Pump T											
				Elevati	on at whi Off		Turns								0.41	1 Deta	
Detention														Elev.	Area	1	<u></u>
Basin	Initial Cor	ndition			·		Pond Sto	rage Rela	ation					(ft)	(sq ft)	Q Coef.	Expone
	Elevation	171	Elevation (ft)	171	172	173	174	175	176	177				171.875	2.41	.61	0.5
	(ft)	.,,	Area (ac)	3.228	3.403	3.582	3.765	3.954	4.147	4.344				176.5	230	2.6	1.5
DP#00			<u>-</u>					Pump						n		T 5	6
DET02	Pump Hye	drograp	h Name		Pump D	ischarge		Pun	рі	Purr	ip 2	Pum	ip 3	Pun	1p 4	Pun	1p 5
					· (c1	fs)										ļ	
					on at wh On	(ft)										ļ	
	ŀ			Elevati	on at wh Off		Turns									Pum et Data Q Coef. 61 2.6 Pum det Data Q Coef. 61 Coef. 61 Coef.	
																	,
Detention Basin	Initial Co	ndition		1	1	1	Pond St	orage Re	ation	1		1	Γ	Elev. (ft)	Area (sq ft)	Q Coef.	Expone
	Elevation (ft)	170.5	Elevation (ft)	170.5	171.5	172.5	173.5	174.5	175.5	176.5				171.	.785	.61	0.5
	(11)		Area (ac)	2.654	2.812	2.975	3.143	3.315	3.492	3.673	<u> </u>			176	190	2.6	1.5
DET03				T				Pump	Data np 1	Pur	np 2	Pur	np 3	Pur	np 4	Pur	np 5
22102	Pump Hy	drograp	oh Name		Pump D	Discharge	;	<u> </u>		1	<u>p 2</u>		<u>p.z</u>	1		1	
		·		Elevat	ion at wh	efs) nich Pum n (ft)	p Turns			-		 					
				Eleva	tion at wh		p Turns										
			1				V.L		7							let Data	
Detention Basin	Initial Co	ndition	.]				Pond St	orage Re	lation					Elev.	Area (sq ft)	Q Coef	Expone
Duoiii	Elevation		Elevation (ft)	161.5	162.5	163.5	164.5	165.5	166.5	167.5				162.375	1		0.5
	(ft)	161.5	Area (ac)	3.954	4.147	4.344	4.546	4.753	4.964	5.18				167	251	2.6	1.5
		.		L	<u></u>			Pump	Data	J			<u> </u>		J	_L	
DET04		•						Pu	np 1	Pur	np 2	Pur	np 3	Pur	np 4	Pu	mp 5
	Pump Hy	drogra	ph Name	}		Discharge ofs)	;									1	
				Eleva	tion at wi		p Turns										
				Eleva	tion at wi	nich Pum f (ft)	p Turns										
			T		OI	ı (II)		L		ــــــــــــــــــــــــــــــــــــــ		٠		+	Our	let Data	
Detention														Elev.	Area	O Coef	Expon
Basin	Initial Co		Elevation	1 156.5	157.5	158,5	T	torage Re	lation 161.5	162.5	T			(ft) 157.0	(sq ft)	-	0.5
	Elevation	156.5	(ft)	+			1.53.5			+	-	+	-	+	+	+	+-

-	(ft)		Area (ac)	5.739	5.971	6.208	6.449		6.944	7.199				162	315	2.6	1.5
ŀ			1					Pump D Pum		Pum	n 2	Pum	n 3	Pum	14	Pum	n 5
DET05	Pump Hyo	irograpi	n Name		Pump D	scharge			<u> </u>				P 3		-		<u> </u>
}				Eleveti	(cf on at whi		Turns										
			L		On	(ft)											
				Elevati	on at whi		Turns		1								
						()									Outle	t Data	
Detention Basin	Initial Con	ndition					Dond Sta	orage Rela	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponer
	Elevation		Elevation (ft)	152.5	153.5	154.5	155.5	156.5	157.5	158.5				153.	1.57	.61	0.5
	(ft)	152.5	Area (ac)	2.812	2.975	3.143	3.315	3.492	3.676	3.859				158	170	2.6	1.5
								Pump I									
DET06	Pump Hy	drograni	h Name		Pump D	icohorgo		Pun	ıp 1	Pum	p 2	Pun	p 3	Pum	p 4	Pum	.р 5
	- up				(c	fs)											
			ĺ	Elevati	ion at wh On		Turns										
				Elevat	ion at wh	ich Pump	Turns										
			l		Off	(ft)		Ĺ		Ĺ					Outle	t Data	
Detention														Elev.	Area		Exponer
Basin	Initial Co		Elevation	139.5	140.5	143.5	Pond St	orage Rel	ation 144.5	145,5				(ft) 140.	(sq ft) 1.57	.61	0.5
	Elevation (ft)	139.5	(ft) Area (ac)	0.965	1.061	1.162	1.268	1.378	1.493	1.612				145	135	2.6	1.5
			.l`	l	l		L	Pump l	Data		!	!					
DET07	Duma Ur	draaran	h Mama					Pun	np 1	Pun	np 2	Pun	np 3	Pun	np 4	Pun	np 5
	Pump Hy	arograp	n Name			ischarge fs)											
				Elevat	ion at wh		p Turns										
				Elevat	ion at wh	(ft) lich Pum (ft)	p Turns										
Detention			1				•							Elev.	Outl Area	et Data	T
Basin	Initial Co	ndition					Pond St	orage Rel	ation					(ft)	(sq ft)	Q Coef.	Expone
	Elevation	135.5	Elevation (ft)	135.5	136.5	137.5	139.5	138.5	140.5	141.5				136.875	2.41	.61	0.5
	(ft)		Area (ac)	4.147	4.344	4.546	4.753	4.964	5.18	5.4				141	-235	2.6	1.5
		1	1 (20)	1	I	<u> </u>	L	Pump	L Data		L	L		1	L	1	ــــــــــــــــــــــــــــــــــــــ
DET08									np 1	Pun	1p 2	Pun	ıp 3	Pun	np 4	Pur	np 5
	Pump Hy	/drograp	n Name			oischarge (fs)											
				<u> </u>	ion at wh	ich Pum (ft)											
				Elevat	ion at wh Of	uch Pum f (ft)	p Turns										
																et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation					Elev.	Area (sq ft)	Q Coef	Expone
	Elevation	131.5	Elevation (ft)	131.5	132.5	133.5	134.5	135.5	136.5	137.5				132.125		.61	0.5
	(ft)	131.3	Area (ac)	2.425	2.576	2.732	2.893	3.058	3.228	3.403				137	130	2.6	1.5
DET09				1				Pump		D		n	nn ?	D	an A	D	mp 5
	Pump Hy	ydrograj	oh Name			Discharge efs)	:	Pui	mp 1	Pun	np 2	Pur	np 3	Pur	np 4	Pu	mp 3
				Eleva	tion at wl	ich Pum	p Turns										

	i		ł		On	(A)	ı		1		,		1		1]	ı
				Elevati	on at whi	ch Pump	Turns										
																t Data	
Detention Basin	Initial Con	ndition					Pond Sto	rage Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation	130,5	Elevation (ft)	130.5	131.5	132.5	133.5	134.5	135.5	136.5				131.5	.785	.61	0.5
	(ft)		Area (ac)	0.112	0.147	0.186	0.23	0.278	0.331	0.388				136	50	2.6	1.5
								Pump I						· 			
DET11	Pump Hy	drograpl	n Name		Pump D			Pun	1p.1	Pum	ip 2	Pun	1p 3	Pun	np 4	Pum	p 5
				Elevati	on at wh	ich Pump	Turns										
				Elevat	ion at wh	ich Pump	Turns										
				***************************************						<u></u>					Outl	et Data	
Detention Basin	Initial Co	ndition				···	Pond Sto	orage Rel	ation	···-		·	·····	Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation	127.5	Elevation (ft)	127.5	128.5	129.5	130.5	131.5	132.5	133,5				128.0	1.57	.61	0.5
	(ft)	127.5	Area (ac)	1.493	1.612	1.736	1.865	1.998	2.136	2.278				133	150	2.6	1.5
	ξ.		-		·			Pump	Data	<u> </u>	·						
DET10	Pump Hy	drograpi	h Name		Pump D	ischarge		Pur	np 1	Pun	np 2	Pur	np 3	Pur	np 4	Pun	np 5
						fs)						ļ				ļ	
						(ft) ·										ļ	
-				Elevat	ion at wh Off	ich Pump (ft)	Turns										
Detention														Elev.	Area	O Coef	Exponent
Basin	Initial Co	ndition	Elevation		1	ſ	1	orage Re	lation	Ι	T	T	r	(ft)	(sq ft)	Q COCI.	
	Elevation (ft)	126.5	(ft)	126.5	127.5	128.5	129.5	130,5	131.5	132.5				127.0	2.355	.61	0.5
	(11)		Area (ac)	2.278	2.425	2.576	2.732	2.893	3.058	3,228				132	200	2.6	1.5
								Pump						T =			
DET12	Pump Hy	drooran	h Name		Dump F	ischarge		Pu	np 1	Pun	np 2	Pur	np 3	Pu	mp 4	Pur	np 5
			101110	171	· (c	fs)				<u> </u>		<u> </u>				 	
					ion at who On ion at wh	(ft)						-				-	
				Licva		f(ft)	P 1 UIII3					<u></u>				<u></u>	

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 1-day rainfall)

			00-year, 1-day			
	Peak	Time of peak	Basin	Peak	Peak	D: : 1
ID	flow (cfs)	(hours)	area (sq. mi)	stage (feet)	storage (ac-ft)	Diversion volume (ac-ft)
KCOS15	82.			(ICCI)	(ac-11)	(ac-1t)
KCA3		12:30	.11			
	338.	12:34	.46			
A3DET OSKC05	278.	12:46	.46	130.	15.	
	117.	12:33	.16			
R6A	117.	12:34	.16			
KCOS06	60.	12:04	.03			
KCOS02	61.	12:33	.09			
KCOS1	31.	12:14	.03			
R2A	31.	12:18	.03			
KCDV3	115.	12:21	.12			
DET03	7.9	16:02	.12	175.	14.	
R1	7.9	16:09	.12			
KCDV2	253.	12:11	.19			
DET02	24.	13:55	.19	176.	18.	
KCOS3A	225.	12:25	.26			
R3A	224.	12:28	.26			
J1	251.	12:28	.57			
R2	250.	12:30	.57			
J02	271.	12:29	.60			
R3	271.	12:33	.60			
KCDV4	239.	12:15	.21			
DET04	23.	15:07	.21	166.	22.	
J03	353.	12:33	.89			
R4	352.	12:37	.89			
KCOS03	54.	12:15	.05			
KCDV5	302.	12:21	.31			
DET05	32.	15:18	.31	161.	31.	
J04	404.	12:36	1.25			
R5	403.	12:40	1.25			
KCOS04	74.	12:07	.05			
KCDV06	170.	12:15	.15			
DET06	16.	15:15	.15	157.	16.	.00
J05	433.	12:40	1.45	== · •	-0.	
R6	428.	12:45	1.45			
KCDV7	138.	12:06	.08			
	150.	12.00	.00			

1							ı
DET07	16.	13:08	.08	144.	6.1	.00	
KCDV8	201.	12:19	.20				
DET08	22.	15:14	.20	140.	22.	.00	
J06	571.	12:44	1.92				
R7	567.	12:48	1.92				
J7	844.	12:48	2.38				
R8	844.	12:48	2.38				
KCOS11	23.	12:10	.02				
R8A	23.	12:13	.02				
KCDV9	119.	12:23	.13				
DET09	12.	15:27	.13	136.	14.		
KCDV11	43.	12:04	.02				
DET11	7.9	12:35	.02	136.	1.0		
J08	868.	12:48	2.55				
R9	851.	12:56	2.55				
Ј9	901.	12:55	2.66				
KCOS14	23.	12:18	.02				
KCOS13	40.	12:13	.03				
KCOS12	89.	12:23	.10				
R10B	89.	12:25	.10				ļ
J10B	115.	12:23	.13				
R10C	115.	12:27	.13				
J10C	133.	12:26	.16				
R10D	132.	12:31	.16				
KCDV10	137.	12:12	.11				
DET10	16.	13:43	.11	132.	8.8	.00	
KCDV12	179.	12:14	.15				
DET12	24.	13:52	.15	131.	13.	.00	
J10	1020.	12:54	3.07				
R10	1007.	12:57	3.07				
EXKC13	151.	12:11	.11				
J11	1039.	12:57	3.19				
R11	1008.	13:07	3.19				
EXKC14	34.	15:09	.15				
J12	1024.	13:07	3.33				

(10-year, 1-day rainfall)

p			U-year, 1-uay 1	amian)			
ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)	
KCOS15	48.	12:30	.11			-	
KCA3	199.	12:34	.46				

1						
A3DET	153.	12:51	.46	129.	12.	
OSKC05	68.	12:33	.16			
R6A	68.	12:35	.16			
KCOS06	33.	12:04	.03			
KCOS02	36.	12:34	.09			
KCOS1	17.	12:14	.03			
R2A	17.	12:19	.03			
KCDV3	67.	12:21	.12			
DET03	6.1	15:28	.12	173.	8.4	
R1	6.1	15:36	.12			
KCDV2	145.	12:11	.19			
DET02	18.	13:41	.19	174.	12.	
KCOS3A	130.	12:25	.26	•		
R3A	130.	12:29	.26			
J1	150.	12:29	.57			
R2	150.	12:31	.57			
J02	162.	12:30	.60			
R3	162.	12:35	.60			
KCDV4	138.	12:15	.21			
DET04	18.	14:04	.21	165.	14.	.00
J03	213.	12:35	.89			
R4	212.	12:39	.89			
KCOS03	30.	12:15	.05			
KCDV5	176.	12:21	.31			
DET05	24.	14:34	.31	160.	19.	.00
J04	248.	12:38	1.25			
R5	247.	12:43	1.25			
KCOS04	41.	12:07	.05			
KCDV06	99.	12:15	.15			
DET06	13.	14:12	.15	156.	9.8	
J05	268.	12:42	1.45			
R6	265.	12:49	1.45			
KCDV7	79.	12:06	.08			
DET07	13.	13:06	.08	143.	3.7	.00
KCDV8	117.	12:19	.20			
DET08	16.	14:30	.20	139.	15.	
J06	352.	12:48	1.92			
R7	350.	12:53	1.92			
J7	502.	12:53	2.38			
R8	502.	12:53	2.38			
i						
KCOS11	502. 13.	12:53 12:10	2.38			

1							•
R8A	13.	12:13	.02				
KCDV9	70.	12:23	.13				
DET09	9.3	15:00	.13	135.	8.3	.00	
KCDV11	24.	12:04	.02				
DET11	6.2	12:30	.02	134.	.6	.00	
108	520.	12:53	2.55				į
R9	510.	13:02	2.55				
J9	538.	13:01	2.66				
KCOS14	13.	12:18	.02				
KCOS13	23.	12:13	.03				
KCOS12	51.	12:23	.10				1
R10B	51.	12:26	.10				
J10B	66.	12:24	.13				
R10C	66.	12:28	.13				
J10C	76.	12:27	.16				į
R10D	76.	12:33	.16				
KCDV10	79.	12:12	.11				
DET10	13.	13:36	.11	131.	5.4	.00	ŀ
KCDV12	104.	12:14	.15				
DET12	19.	13:41	.15	130.	7.8	.00	
J10	613.	13:00	3.07				
R10	605.	13:04	3.07				
EXKC13	86.	12:11	.11				
J11	625.	13:04	3.19			•	
R11	607.	13:16	3.19				
EXKC14	20.	15:09	.15				
J12	617.	13:16	3.33				

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Current Scenario Modeling Results

Sacramento Hydrologic Calculator Report July 28, 2010 8:22 Method: Sacra

Project Title: Basin n Proposed Conditions Metho
Comments: Propared by: Propaged Conditions with local detention Basin 12 removed, Basins 9, 10
Date:

Metho
Propaged Conditions with local detention Basin 12 removed, Basins 9, 10
Date:

Metho
Date:

Met

Sacramento County HEC-1 method 8/6/2008

/atershed Hyd	Tologic Sun	Mean	Lag Tir	nes	Basin	"n"	Loss I	Rates	Percent Ir	npervious
	Area	Elevation		Lag Time		Basin	2000	Loss Rate		Impervious
Watershed	(acres)	(ft)	Method	(min)	Method	"n"	Method	(in/hr)	Method	Area (%)
KCOS1	16.8	203.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	•
KCDV2	120.2	199.7	Basin "n"	-	Specified	0.043	Computed	-	Computed	-
KCDV3	76.9	185	Basin "n"	-	Computed	-	Computed	-	Computed	-
KCDV5	201.3	175	Basin "n"	•	Specified	0.051	Computed	-	Computed	-
KCDV4	134.1	174	Basin "n"	-	Specified	0.044	Computed	-	Computed	-
KCDV7	52	153.5	Basin "n"	-	Specified	0.037	Computed	-	Computed	-
KCDV8	126.2	152.9	Basin "n"	-	Specified	0.043	Computed	-	Computed	-
KCDV9	82.2	144.2	Basin "n"	-	Specified	.051	Computed	-	Computed	•
KCOS02	54.9	166.3	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCOS03	30.4	153	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
OSKC05	102.3	181.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV06	94.2	166.5	Basin "n"	-	Specified	0.039	Computed	-	Computed	-
KCOS04	29.3	145.2	Basin "n"	-	Specified	.070	Computed	-	Computed	
KCOS06	20.3	166	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCA3	297.3	151	Basin "n"	-	Specified	0.049	Computed	-	Computed	-
KCOS11	11.1	157.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	-
KCDV11	13.8	145.1	Basin "n"	-	Specified	0.044	Computed	-	Computed	-
KCDV10	68.4	140.1	Basin "n"	-	Specified	0.045	Computed	-	Computed	-
KCDV12	96.8	138.3	Basin "n"	-	Specified	.042	Computed	-	Computed	-
KCOS12	65	156.5	Basin "n"	-	Specified	0.070	Computed	-	Computed	-
KCOS13	21	154	Basin "n"	-	Specified	0.070	Computed	-	Computed	
KCOS14	14	145.5	Basin "n"	-	Specified	.070	Computed	-	Computed	-
KCOS15	68.2	122.5	Basin "n"	-	Specified	0.07	Computed	-	Computed	<u> </u>
KCOS3A	168.5	213	Basin "n"		Specified	0.07	Computed	-	Computed	-
EXKC13	73.3	140	Basin "n"	-	Computed	-	Computed	-	Computed	-
EXKC14	95.1	120	Basin "n"	-	Computed	-	Computed	-	Computed	-

Basin "n" N	Channel	Centroid									Land	Use In			rea Pe	rcent						
Watershed	Length	Length (ft)	Slope (ft/ft)	Channelization	95	90	85	80	75	70	60	50	(% or 40	30	25	20	15	10	5	2	1	1*
KCOS1	1576	850	0.0159	Undeveloped Developed	-	-	-	-	-		•	-	·	-	•	-	-	-			-	-
KCDV2	3940	750	0.0156	Undeveloped	-	-	Ŀ	•	-	-	-	-	·	•	-	•	-		-	-	-	
KCDV3	1920	444	0.0042	Developed Undeveloped	2.6	6.8	- 1	-	-	-	8.1	21.4	-		-		-	-	12.9	25.1	-	
				Developed Undeveloped	0	0	-			-	0	0						_	0	0		-
KCDV5	4464	1907	0.0103	Developed	-	Ē	·	-	-			<u> </u>	-	•	Ξ	-	Ŀ	=	-	-	-	Ξ
KCDV4	3297	917	0.003	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	=	-	-	-	-	-	-	-
KCDV7	1655	580	0.0091	Undeveloped Developed	-	-	-	-	-	-	-	 -	-	-	-	 	-	<u> </u>	-	-		-
KCDV8	4054	2363	0.0081	Undeveloped Developed	-	-	-	-	-	-	-	E	-	-	-	-	-	=	-	-	-	-
KCDV9	4360	2120	.0083	Undeveloped	-	-	_	-	-	Ŀ	-	·	·	-	Ŀ	-	-	-	-		-	_
KCOS02	3900	2145	.005	Developed Undeveloped	-	-	=	-	-	-	-	-	-	-	-	-	-	=	-	-	-	-
				Developed Undeveloped	-	-	=	-	=	-	-	-	-	-	-	-	-	=	-	-	-	-
KCOS03	2089	415	.0048	Developed Undeveloped	=	=	=	=	Ē	=	-	=	÷	÷	E	E	E	=	=	=	-	-
OSKC05	4804	2082	.0081	Developed	Ē	-	=	-	-	Ë	Ė		Ė	-	三	-	_	-	-	-	-	-
KCDV06	3313	1851	.0063	Undeveloped Developed	-	-	-	-	-	-	-	-	-	-	-	=	-	<u> </u>	<u>-</u>	-	-	-
KCOS04	2745	1385	005	Undeveloped Developed	-	-	-	-	-	÷	-	-	÷	-	-	-	-	<u>-</u>	-	-	-	-
KCOS06	2377	1387	0027	Undeveloped Developed	-	-	-	-	-	Ë	-	-	-	-	-	Ē	E	E	-	-	-	E
KCA3	7016	3899	.006	Undeveloped	Ŀ	Ŀ	Ē	-	-	-	-	E	Ŀ	-	-	Ŀ	Ŀ	E	-	-	Ξ	Ξ
KCOS11	726	572	.0069	Developed Undeveloped	-	-	Ė	-	=	Ė	-	亡	-	-	-	=	=	<u> </u>	-	-	-	Ē
KCDV11	850	322	.0213	Developed Undeveloped	-	 	=	-	-	-	-	╁÷	 -	 -	ŀ÷	 -	 -	╁	 -	-	H÷	╁
	<u> </u>		}	Developed Undeveloped	-	-	E	=	E	E	-	1	1	=	=	=	E	E	=	-	-	-
KCDV10	2474	1482	.0178	Developed	<u> </u>	=	=	=	-	ΙΞ	1=	=	=	-	=	1=	=	‡=	=	-	Ē	-
KCDV12	3407	1720	.0119	Undeveloped Developed	=	1	=	-	=	Ė	Ė	<u>-</u>	=	Ė	E	E	Ë	峊	-	ļ <u>-</u>	=	Ŀ
KCOS12	2632	1237	.0057	Undeveloped Developed	-	-	+=	 -	 ÷	 	┝÷	+-	+-	-	+-	-	+-	ŀ÷	-	-	-	-
KCOS13	1370	566	.0088	Undeveloped Developed	-	-	-	-	-	-	-	-	E	<u>:</u>	H	H	Ŀ	1	-	-	ŀ÷	-
KCOS14	1990	908	.0085	Undeveloped	-	<u> </u>	=	-	<u> </u>	ļ <u> </u>	Ŀ	1 -	三	<u>L</u>	E	-		-	1-	1=	Ħ	1-
KCOS15	3317	1334	.0027	Developed Undeveloped	Ē	-	-	=	-	Ė	=	-	Ė	Ė	-	Ė	=	Ė	=	Ė	Ŀ	-
KCOS3A	-	1555	.0132	Developed Undeveloped	-	-	-	-	-	-	-	+=	-	-	-	-		-	<u> </u>	亡	<u> -</u>	-
·	 	 	 	Developed Undeveloped	-	-	F	-	-	-	-	-	-	-	F	-	ŀ	F	-	100	-	-
EXKC13	4651	2747	0105	Developed	 	_		1		1			1	1	F	1-	1	1		0	二	#
EXKC14	79700	3064	.003	Undeveloped Developed	\vdash	+	 	+-	-	┼	1	+	╫	+-	\vdash	+-	+	+-	+	0	\vdash	+

Refer to the Drainage manual for Land Use Impervious Area Percent

Dense Oaks, Shrubs, Vines

	Soil Cover							I	and Use	Impervi (% or a	ous Are	a Percer	nt						
Watershed	Group	95	90	85	80	75	70	60	50	40	30	25	20	15	10	5	2	1	1*
KCOS1	B C					ļ								<u> </u>			4.8		ļ
KCOS1	D					 						 		-			12		
<u> </u>	В					l								 					
KCDV2	С	1.1						26.2	12.2							8.2	2.2		
	D	2						36.7	21.6							2.2	7.8		
	В													<u> </u>					
KCDV3	С				<u></u>	 	<u> </u>		1				ļ	 	ļ	100	25.1		<u> </u>
	D B	2,6	6.8					8.1	21.4			<u> </u>		 		12.9	25.1		⊢
KCDV5	C					 	 					ļ		┼		1.1			┢
	D	7.2					3.7	25.9	81.2			 	<u> </u>	 	 	23.7	58.5		T
	В																		
KCDV4	С																4.7		
	D					<u> </u>	6.4	57.5	6.4	41					<u> </u>	14	5.3		<u> </u>
	В	-		ļ	ļ	<u> </u>	ļ					<u> </u>	ļ	ļ	ļ	<u> </u>			<u> </u>
KCDV7	C D	2.6 4.2	12.4		 	├	11.6	15.7						├		4.5			├-
·	В	7.4	12.4	 	 	 	11.0	13.7				 		+-	 	4.5			+
KCDV8	C	1.6			 	 			-			 	 	1					†
	D	5					1	58.9	37.2			1				18.3	5.2		\top
	В																		
KCDV9	С		<u> </u>		<u> </u>	ļ		ļ				ļ							<u> </u>
	D	16.2	2.5	<u> </u>	ļ	 	ļ	<u> </u>	24.5	1		<u> </u>	<u> </u>	ļ	<u> </u>	9.8	28		┼
KCOS02	B	 	<u> </u>	 	 	 	 						 	-		 	16.2		┼
KCO302	D	 		 	├	┼	-					-	 	 		╂	16.3 38.6		╁
	В		ļ	-	 	 	 	 	-				\vdash	+			30.0		╁
KCOS03	C					†			 			1	†	1	1		12.7		1
	D																17.7		
	В													<u> </u>			ļ		1_
OSKC05	С	<u> </u>	<u> </u>	<u> </u>	ļ	 	ļ	L	<u> </u>			<u> </u>	<u> </u>	 	 	ļ	ļ	ļ	↓_
	D B	 -	 		 	-		 				 	├	-		 	102.3		╀
KCDV06	C	0.9		 	 	+		 	 			┼	-	+-	 	 	 	 	+-
KOD 100	D	23	 	 	 	 	10.9	46.9	 			 	 	+	 	5.5	7	 	+
	В				1	1	1		 		l	-	 	 	1				1
KCOS04	С																20.4		
	D	<u> </u>				<u> </u>			ļ								8.9	<u> </u>	
***	В	ļ		ļ	 	 	 	 	ļ			 		 	<u> </u>	ļ	<u> </u>	<u> </u>	╀-
KCOS06	C D	 	 	 	 		╂	-	 	·	<u> </u>	 	 			 	20.3	├	+-
	В	├	 	-	 	 		 	├		 	┼──	+	-	-	┼	20.3	 	+-
KCA3	C	 	 	 	+	1	 	 	120	ļ		+	 	 		0.6	26.3	 	+-
	D		1			1	1		78.4	 		 	1	1	1	4.4	67.6	1	†
	В																		I
KCOS11	С		1				<u> </u>										5.9	<u> </u>	1
	↓ D	 	 	 	 	<u> </u>	 	 		 	<u> </u>	-	<u> </u>	-		-	5,2	 	4
KCDV11	B	 	├	 		-	-	 	-	ļ			-	+	-	+	-	-	+
VCDAII	D	2.1	\vdash	+-	+	1-	+	 	8.9	 		+	+	+-	+-	2.8	+	-	+
	B	2.1	 	\vdash	+	 	+	1	0.9	 	 	1-	 	+	-	2.0	+	+-	+
KCDV10		1	1	1	 	1	+	†	1	 	 	+	1	1	1	1	 	1	+
	D	5	5						13.2	32.5					1	8	4.7		I
	В																		I
KCDV12	-	1.5			\bot												1		\perp
	D	5.5	24	<u> </u>		<u> </u>	<u> </u>		23.2	24.9		4	 		-	15.8	1.3	 	4
W00011	B			 	-	 	 	┼	 		<u> </u>		4				1	 	-
KCOS12	C D	 	 	 	+	+	-	+	+	 	 	+	+	+	-		27.1 37.9	+	+-
	B	-		+	+	+		+	+	 			+				31.9	+	+

KCOS13	C									1.3	
KCO313	D									19.7	
	В										
KCOS14	С										
	D									14	
	В										
KCOS15	С										
	D									68.2	
	В										
KCOS3A	С			T						32.6	
	D									135.9	
	В]						
EXKC13	С				1					6.5	
	D									66.8	
	В										
EXKC14	С									4.1	
	D									91	

Refer to the help file for Land Use Impervious Area Percent

^{*}Dense Oaks, Shrubs, Vines

an optopic reducti	Transferring Court	our po (oturalia)						
Routing ID	Route From	Route To	Channel Type	Length (ft)	Slope (ft/ft)	Width or Diameter (ft)	Side Slope (H:V)	Mannings "n"
Ri	DET03	J1	Pipe	2814	0.005	3	3:1	0.015
R6A	OSKC05	J06	Trapezoidal	555	0.007	20	4:1	0.030
R4	J03	J04	Trapezoidal	2319	0.0048	30	4:1	0.014
R5	J04	J05	Trapezoidal	2582	0.0039	20	3:1	0.015
R7	J06	J7	Trapezoidal	2058	0.0025	20	3:1	0.025
R2A	KCOS1	J02	Trapezoidal	1510	0.0159	05	3:1	0.03
R2	J1	J02	Trapezoidal	644	0.0047	5	3:1	0.03
R3	J02	J03	Trapezoidal	3485	.0313	5	3:1	0.03
R6	J05	J06	Trapezoidal	2283	0.0031	20	3:1	0.03
R8	J7	J08	Trapezoidal	95	0.0025	10	1:1	0.025
R8A	KCOS11	J08	Pipe	1147	0.005	3		0.015
R9	J08	J9	Trapezoidal	3214	0.0019	20	3:1	0.03
R10B	KCOS12	J10B	Trapezoidal	524	0.005	20	3:1	0.03
R10C	J10B	J10C	Trapezoidal	1398	0.005	10	3:1	0.03
R10D	J10C	J10	Pipe	2907	0.0034	4		0.015
R3A	KCOS3A	J1	Pipe	2628	0.005	5		0.015
R10	J10	J11	Trapezoidal	1028	0,0022	15	2.5:1	0.07
R11	J11	J12	Trapezoidal	2966	0.0022	15	2.5:1	0.07

	İ	ļ											Į			t Data	
Detention Basin	Initial Con	dition					Pond Sto	rage Rela	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponen
!	Elevation	0	Elevation (ft)	127.4	128.5	128.5	130.5	131.5						124.41	.54	.61	0.5
	(ft)		Area (ac)	6.38	6.61	6.89	7.23	7.81						128.50	84	2.6	1.5
								Pump 1									
A3DET	Pump Hyd	lrograpi	h Name		Pump Di	scharge		Pum	p 1	Pum	2	Pump	p 3	Pun	1p 4	Pum	p 5
					(cf	s)											
	ļ		\ ¹	Elevation	at which fi)		Turns On										
				Elevati	on at whi Off		Turns										
D-44	l													- F31		et Data	
Detention Basin	Initial Con	dition					Pond Sto	rage Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
	Elevation	171	Elevation (ft)	171	172	173	174	175	176	177				171.875	2.41	.61	0.5
	(ft)	. 1/1	Area (ac)	3.228	3.403	3.582	3,765	3.954	4.147	4.344				176.5	230	2.6	1.5
			(ac)				L	Pump 1	Data	<u> </u>	<u> </u>	<u> </u>			L	Ĺ	<u> </u>
DET02	ļ ———			Pump 1 Pump 2 Pump 3							Pump 4		Pump 4 Pump 5				
	Pump Hyo	irograp	h Name		Pump D												
				Elevati	on at wh	ich Pump	Turns										
	l		ł	Elevati	On on at wh		Turns									 	
	 				Off		`		·	L		<u> </u>		ļ			
Detention														Elev.	Area	et Data	L
Basin	Initial Con	ndition	 				Pond St	orage Re	lation	т	т		r	(ft)	(sq ft)	Q Coer.	Expone
	Elevation (ft)	170.5	Elevation (ft)	170.5	171.5	172.5	173.5	174.5	175.5	176.5	ļ	<u> </u>		171.	.785	.61	0.5
			Area (ac)	2.654	2.812	2.975	3.143	3.315	3.492	3.673	<u> </u>	<u></u>		176	190	2.6	1.5
DET03	<u> </u>			Ţ				Pump Pui	Data np 1	Pur	np 2	Pur	np 3	Pu	mp 4	Pur	np 5
	Pump Hy	drograp	h Name	Pump Discharge												<u> </u>	
				Eleva	tion at wh	efs) nich Pum n (ft)	p Turns			1							
				Elevat	tion at wh		p Turns										
Data :																let Data	1
Detention Basin	Initial Co	ndition					Pond St	orage Re	lation					Elev.	Area (sq ft)	Q Coef	Expone
	Elevation	161.5	Elevation (ft)	161.5	162.5	163.5	164.5	165.5	166.5	167.5				162.375	T	.61	0.5
	(ft)	101.3	Area (ac)	3.954	4.147	4.344	4.546	4.753	4.964	5.18				167	251	2.6	1.5
DET04				1				Pump		T 5.		1 -	2			T	mn 5
DE104	Pump Hy	drograp	oh Name			Discharge (fs)	;	Pu	mp 1	Pur	np 2	Pun	np 3	Pu	mp 4	Pu	mp 5
				Elevat	ion at wi		p Turns										
				Eleva	tion at wl	nich Pum f (ft)	p Turns										
	1							·		.1					Ou	let Data	
Detention Basin	Initial Co	ndition		,	.,		Pond S	torage Re	lation				<u> </u>	Elev. (ft)	Area (sq ft)	Q Coef	Expone
	1	1	Elevation	156.5	157.5	158.5	159.5	160.5	161.5	162.5	1	1	1	1	1		0.5

1	(ft)		Area (ac)	5.739	5.971	6.208	6.449	6.694	6.944	7.199		-	1	162	315	2.6	1.5
Į			(40)			l		Pump D	ata	.لا	l						
	Pump Hyo	Irograph	Name		D. D.			Pum	p 1	Pump	2	Pum	p 3	Pum	p 4	Pumj	p 5
DET05	r unip riye	nograpi	Ivano		Pump Di (cf	s)											
					on at whi	(ft)											
				Elevati	on at whi Off		Turns										
																t Data	
Detention Basin	Initial Co	ndition					Pond Sto	orage Rela	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
	Elevation	150.5	Elevation (ft)	152.5	153.5	154.5	155.5	156.5	157.5	158.5				153.	1.57	.61	0.5
	(ft)	152.5	Area (ac)	2.812	2.975	3.143	3.315	3.492	3.676	3.859				158	170	2.6	1.5
								Pump I									
DET06	Pump Hy	drograpl	n Name		Pump D	ischarge		Pun	ıp l	Pum	p 2	Pun	ıp 3	Pum	p 4	Pum	ıp 5
					(c1	fs)											
	ł			Elevati	ion at wh On		Turns									-	
	•			Elevat	ion at wh	ich Pump	Turns										
	<u> </u>		T		Off	(It)									Outle	t Data	
Detention		••.•												Elev.	Area	Q Coef.	Expone
Basin	Initial Co		Elevation (ft)	139.5	140.5	143.5	Pond Sto	orage Rel 142.5	144.5	145.5				(ft) 140.	(sq ft) 1.57	.61	0.5
DET07	Elevation (ft)	139.5	Area (ac)	0.965	1.061	1.162	1.268	1.378	1.493	1.612				145	135	2.6	1.5
					·····		1	Pump l	Data	!		L					
	Pump Hy	drogran	h Name		Dunn D	iash sass		Pun	np 1	Pum	ıp 2	Pur	np 3	Pun	np 4	Pun	1p 5
	1 dilip ily	ulograp	II IVAIIIC		· (c	ischarge fs)											
٠	}			Elevat	ion at wh	ich Pum (ft)	p Turns										
				Elevat	ion at wh		p Turns										
Detention														Elev.	Outl Area	et Data	T
Basin	Initial Co	ndition					Pond Ste	orage Rel	ation					(ft)	(sq ft)	Q Coef.	Expone
·	Elevation	135.5	Elevation (ft)	135.5	136.5	137.5	139.5	138.5	140.5	141.5				136.875	2.41	.61	0.5
	(ft)	100.0	Area (ac)	4.147	4.344	4.546	4.753	4.964	5.18	5.4				141	235	2.6	1.5
	 	<u> </u>	1 (40)	L	L	L	L	Pump	L Data	L	L			<u> </u>	L	<u> </u>	<u> </u>
DET08								,	np 1	Pun	p 2	Pun	1р 3	Pun	np 4	Pur	np 5
	Pump Hy	/drograp	h Name			ischarge fs)				}							
		•		}	ion at wh	ich Pum (ft)	-										
				Elevat	ion at wh	ich Pum (ft)	p Turns										
										•						et Data	
Detention Basin	Initial Co	ondition					Pond St	orage Re	lation					Elev. (ft)	Area (sq ft)	Q Coef.	Expone
	Elevation	T	Elevation (ft)	131.5	132.5	133.5	134.5	135.5	136.5	137.5				131.83	.349	.61	0.5
	(ft)	131.5	Area (ac)	4.753	4.954	5.18	5.4	5.625	5.855	6.089				137	130	2.6	1.5
DET09				1				Pump	Data mp 1	Pun		_ <u> </u>	np 3	T	mp 4	n	mp 5
DETO	Pump Hydrograph Name															כ מווז	

	,													,			
					On	V											
				Elevati	on at wh		Tums						!		!		
															Outle	t Data	
Detention Basin	Initial Co	ndition			Pond Storage Relation								Elev. (ft)	Area (sq ft)	Q Coef.	Exponent	
	Elevation	130.5	Elevation (ft)	130.5	131.5	132.5	133.5	134.5	135.5	136.5				130.75	.197	.61	0.5
	(ft)	130.3	Area (ac)	0.304	0.359	0.418	0.483	0,552	0.625	0.703				136	50	2.6	1.5
								Pump l	Data								
DET11								Pump 1		Pump 2 Pump 3		1p 3	Pun	1p 4	Pun	1p 5	
	Pump Hydrograph Name		Pump Discharge (cfs)														
				Elevat	ion at wh On		Turns										
				Elevat	ion at wh Off		Turns										
					-										Outl	et Data	
Detention Basin	Initial Co	ndition					Pond St	orage Rel	ation					Elev. (ft)	Area (sq ft)	Q Coef.	Exponent
	Elevation	127.5	Elevation (ft)	127.5	128.5	129.5	130.5	131.5	132.5	133.5				127.83	.349	.61	0.5
	(ft)	127.3	Area (ac)	3.582	3.765	3.954	4.147	4.344	4.546	4.753				133	150	2.6	1.5
		·		·				Pump	Data				L				
DET10								Pur	np 1	Pun	ıp 2	Pur	np 3	Pur	np 4	Pur	np 5
	Pump Hy	drograp	h Name			ischarge fs)											
				Elevat	ion at wh On	ich Pum (ft)	p Turns										
				Elevat	ion at wh	ich Pum (ft)	p Turns										

Sacramento method results (Project: Basin n Proposed Conditions) (100-year, 1-day rainfall)

	Peak	Time of	00-year, 1-day : Basin	Peak	Peak	
	flow	peak	area	stage	storage	Diversion volume
ID	(cfs)	(hours)	(sq. mi)	(feet)	(ac-ft)	(ac-ft)
KCOS15	82.	12:30	.11			
KCA3	338.	12:34	.46			
A3DET	278.	12:46	.46	130.	15.	
OSKC05	117.	12:33	.16			
R6A	117.	12:34	.16			
KCOS06	60.	12:04	.03			
KCOS02	61.	12:33	.09			•
KCOS1	31.	12:14	.03			
R2A	31.	12:18	.03			
KCDV3	115.	12:21	.12			
DET03	7.9	16:02	.12	175.	14.	
R1	7.9	16:09	.12			
KCDV2	253.	12:11	.19			
DET02	24.	13:55	.19	176.	18.	
KCOS3A	225.	12:25	.26			
R3A	224.	12:28	.26			
J1	251.	12:28	.57			
R2	250.	12:30	.57		•	
J02	271.	12:29	.60			
R3	271.	12:33	.60			
KCDV4	239.	12:15	.21			
DET04	23.	15:07	.21	166.	22.	
J03	353.	12:33	.89			
R4	352.	12:37	.89			
KCOS03	54.	12:15	.05			
KCDV5	302.	12:21	.31			
DET05	32.	15:18	.31	161.	31.	
J04	404.	12:36	1.25			
R5	403.	12:40	1.25	. *		
KCOS04	74.	12:07	.05			
KCDV06	170.	12:15	.15			
DET06	16.	15:15	.15	157.	16.	.00
J05	433.	12:40	1.45			
R6	428.	12:45	1.45			
KCDV7	138.	12:06	.08			

DET07	16.	13:08	.08	144.	6.1	.00	1
KCDV8	201.	12:19	.20				
DET08	22.	15:14	.20	140.	22.	.00	ļ
J06	571.	12:44	1.92				
R7	567.	12:48	1.92				
J7	844.	12:48	2.38				
R8	844.	12:48	2.38				
KCOS11	23.	12:10	.02				
R8A	23.	12:13	.02				
KCDV9	119.	12:23	.13				1
DET09	2.7	24:20	.13	135.	19.		
KCDV11	43.	12:04	.02				
DET11	2.1	15:06	.02	135.	2.2		
J08	854.	12:48	2.55				
R9	837.	12:56	2.55				
Ј9	887.	12:55	2.66				
KCDV12	179.	12:14	.15			•	
KCOS14	23.	12:18	.02				
KCOS13	40.	12:13	.03				
KCOS12	89.	12:23	.10				
R10B	89.	12:25	.10				
J10B	115.	12:23	.13				
R10C	115.	12:27	.13				
J10C	133.	12:26	.16				
R10D	132.	12:31	.16				
KCDV10	137.	12:12	.11				,
DET10	2.8	24:06	.11	131.	16.		!
J10	1025.	12:53	3.07				
R10	1013.	12:56	3.07				
EXKC13	151.	12:11	.11				
J11	1046.	12:56	3.19				
R11	1019.	13:05	3.19				
EXKC14	34.	15:09	.15				
J12	1034.	13:05	3.33				

(10-year, 1-day rainfall)

			u-year, 1-uay 1	amian)			
ID	Peak flow (cfs)	Time of peak (hours)	Basin area (sq. mi)	Peak stage (feet)	Peak storage (ac-ft)	Diversion volume (ac-ft)	
KCOS15	48.	12:30	.11				
KCA3	199.	12:34	.46				
A3DET	153.	12:51	.46	129.	12.		

OSKC05	68.	12:33	.16			
R6A	68.	12:35	.16			
KCOS06	33.	12:04	.03			
KCOS02	36.	12:34	.09			
KCOS1	17.	12:14	.03			
R2A	17.	12:14	.03			
KCDV3	67.	12:21	.12			
DET03	6.1	15:28	.12	173.	8.4	
R1	6.1	15:36	.12	175.	0.4	
KCDV2	145.	12:11	.12			
DET02	18.	13:41	.19	174.	12.	
KCOS3A	130.	12:25	.26	174.	12.	
R3A	130.	12:29	.26			
J1	150.	12:29	.57			
R2	150.	12:31	.57			
J02	162.	12:31	.60			
R3	162.	12:35	.60			
KCDV4	138.	12:15	.21			
DET04	18.	14:04	.21	165.	14.	.00
J03	213.	12:35	.89	105.	14.	.00
R4	212.	12:39	.89			
KCOS03	30.	12:15	.05			
KCDV5	176.	12:21	.31			
DET05	24.	14:34	.31	160.	19.	.00
J04	248.	12:38	1.25	100.	17.	.00
R5	247.	12:43	1.25			
KCOS04	41.	12:07	.05			
KCDV06	99.	12:15	.15			
DET06	13.	14:12	.15	156.	9.8	
J05	268.	12:42	1.45	150.	7.0	
R6	265.	12:49	1.45			
KCDV7	79.	12:06	.08			
DET07	13.	13:06	.08	143.	3.7	.00
KCDV8	117.	12:19	.20			.00
DET08	16.	14:30	.20	139.	15.	
J06	352.	12:48	1.92	2001		
R7	350.	12:53	1.92			
J7	502.	12:53	2.38			
R8	502.	12:53	2.38			
KCOS11	13.	12:10	.02			
R8A	13.	12:13	.02			

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KCDV9	70.	12:23	.13				
DET09	2.1	19:59	.13	134.	12.		
KCDV11	24.	12:04	.02				
DET11	1.7	13:43	.02	134.	1.3	.00	
J08	509.	12:53	2.55				
R9	499.	13:02	2.55				
J9	527.	13:01	2.66				
KCDV12	104.	12:14	.15				
KCOS14	13.	12:18	.02				
KCOS13	23.	12:13	.03				
KCOS12	51.	12:23	.10				
R10B	51.	12:26	.10				
J10B	66.	12:24	.13				
R10C	66.	12:28	.13				
J10C	76.	12:27	.16				
R10D	76.	12:33	.16				
KCDV10	79.	12:12	.11				
DET10	2.2	18:42	.11	130.	9.7		
J10	607.	12:59	3.07				
R10	600.	13:03	3.07				
EXKC13	86.	12:11	.11				
J11	619.	13:03	3.19				
R11	603.	13:15	3.19				
EXKC14	20.	15:09	.15				
J12	613.	13:15	3.33				

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Appendix H: Technical Memorandum – Updated Storm Drain Demands

TECHNICAL MEMORANDUM

Date:

July 21, 2010

To:

Bob Shattuck, Lennar Communities

From:

Scott Hartstein, MacKay & Somps

TM No.:

Technical Memorandum No. 7

Subject:

Updated Storm Drain Demands

SunCreek Specific Plan Rancho Cordova, CA

Job No.:

7991-10

Task No.:

Task D.3

A. Introduction

In the two years since Sacramento County Water Resources last reviewed the Regional Master Drainage Study (RMDS) for the SunCreek Specific Plan (MacKay & Somps, December 2008), the land use plan has undergone several minor land use changes in response to requirements imposed by the City of Rancho Cordova and other related local agencies. These changes in land use, principally relating to the addition of more employment related land uses to the Specific Plan in favor of low density, medium density, and compact medium density residential land uses, have a minor impact on the storm drain demands generated by development of the project.

The purpose of this technical memorandum is to quantify the magnitude of these land use changes and the resulting changes in storm drain demands. It is believed that the magnitude of change in storm drain demands is nominal when compared to those projected in the RMDS. The goal of this technical memorandum is to demonstrate that the magnitude of these changes is insignificant, and that the RMDS still adequately projects the overall impacts of the project in terms of storm drain supply and related infrastructure for purposes of environmental review.

B. Land Use Plan Changes

The prior and updated land use plans are shown in Appendix A (Figures 1 and 2, respectively). A comparison of the land uses between the version of the land use plan used during the preparation of the RMDS and the updated land use plan for the project is summarized in Table 1.

<u>Table 1</u> Land Use Comparison

Land Use Description	Prior Land Use Plan (Acres)	Updated Land Use Plan (Acres)	Change (Acres)	Change %
Low Density Residential (LDR)	190.0	169.4	-20.6	-10.8%
Medium Density Residential (MDR)	379.0	322.7	-56.3	-14.9%
Compact Density Residential (CMDR)	27.0	20.1	-6.9	-25.6%
High Density Residential (HDR)	29.0	34.6	5.6	19.3%
Commercial Mixed Use (CMU)	29.0	31.9	2.9	10.0%
Village Center	3.0	0	-3.0	-100.0%
Local Town Center (Commercial & Employment)	0.0	59.4	59.4	100.0%
Public/Quasi Public (PQP)	7.0	13.0	6.0	85.7%
Neighborhood Park (PP)	61.0	44.0	-17.0	-27.9%
Community Park	35.0	43.1	8.1	23.1%
Neighborhood Green	0.0	4.3	4.3	100.0%
Parkway, Paseos and Trails (PC)	28.0	9.1	-18.9	-67.5%
School	112.0	110.9	-1.1	-1.0%
Minor Roads	0.0	23.1	23.1	100.0%
Major Roads	97.0	79.0	-18.0	-18.6%
Wetland Buffer/Bike Path Corridor	30.0	45.2	15.2	50.7%
Detention Basin (DB)	31.0	46.9	15.9	51.3%
Storm Drain Channel	9.0	5.0	-4.0	-44.4%
Wetland Preserve	218.0	203.7	-14.3	-6.6%
Total	1285.0	1265.4	-19.6	-1.5%

Footnote:

Refinement in project boundary resulted in a reduction in total land use areas of approximately 20 acres from the prior to the current land use plan.

Clearly, the amounts of the various land uses for the project have changed during the last two years. Additionally, by inspection it is evident that the spatial distribution of the various land uses of the prior and updated land use plans is relatively the same. Therefore, as long as the resulting total storm drain demands of the two land use plans are identical, or nearly so, and as long as the distribution of said demand across the project area is relatively the same between the prior and the updated land use plans, it is reasonable to conclude that the size and location of the various storm drain infrastructure improvements contemplated in the RMDS to serve the prior land use plan are still adequate and appropriate to serve the updated land use plan.

C. Updated Storm Drain Demands

The storm drain demands resulting from the prior and updated land use plan are summarized in Tables 2 and 3. The unit demand figures used for these demand calculations and the methodology of calculating these demands are identical. The only difference between these two sets of calculations is the change in land use areas.

<u>Table 2</u> <u>SunCreek Storm Drain Demand - Prior Land Use Plan</u>

				Water
				Quality
		Total	Runoff	Flow (in
Land Use Description	Land Use Classification	Acres	Coefficient	ft ³ /s)
Low Density Residential (LDR)	Single Family	190.0	0.50	1.7
Medium Density Residential (MDR)	Multi-units, detached	379.0	0.60	40.9
Compact Density Residential (CMDR)	Multi-units, detached	27.0	0.60	2.9
High Density Residential (HDR)	Multi-units, attached	29.0	0.75	3.9
Commercial Mixed Use (CMU)	Apartment dwelling areas	29.0	0.75	3.9
Village Center	Neighborhood areas	3.0	0.70	0.4
Local Town Center (Commercial & Employment)	Neighborhood areas	0.0	0.70	0.0
Public/Quasi Public (PQP)	Playgrounds	7.0	0.40	0.5
Neighborhood Park (PP)	Parks	61.0	0.25	2.7
Community Park	Parks	35.0	0.25	1.6
Neighborhood Green	Parks	0.0	0.25	0.0
Parkway, Paseos and Trails (PC)	Parks	28.0	0.25	1.3
School	Neighborhood areas	112.0	0.70	14.1
Minor Roads	Asphaltic	0.0	0.95	0.0
Major Roads	Asphaltic	97.0	0.95	16.6
Wetland Buffer/Bike Path Corridor	Open Space	30.0	0.00	0.0
Detention Basin (DB)	Open Space	31.0	0.00	0.0
Storm Drain Channel	Open Space	9.0	0.00	0.0
Wetland Preserve	Open Space	218.0	0.00	0.0

Cumulative

90.5

Total Acreage 1,285.0

Developed Acreage 997.0

<u>Table 3</u> <u>SunCreek Storm Drain Demand - Updated Land Use Plan</u>

				Water
				Quality
		Total	Runoff	Flow (in
Land Use Description	Land Use Classification	Acres	Coefficient	ft ³ /s)
Low Density Residential (LDR)	Single Family	169.4	0.50	1.5
Medium Density Residential (MDR)	Multi-units, detached	322.7	0.60	34.9
Compact Density Residential (CMDR)	Multi-units, detached	20.1	0.60	2.2
High Density Residential (HDR)	Multi-units, attached	34.6	0.75	4.7
Commercial Mixed Use (CMU)	Apartment dwelling areas	31.9	0.75	4.3
Village Center	Neighborhood areas	0	0.70	0.0
Local Town Center (Commercial & Employment)	Neighborhood areas	59.4	0.70	7.5
Public/Quasi Public (PQP)	Playgrounds	13.0	0.40	0.9
Neighborhood Park (PP)	Parks	44.0	0.25	2.0
Community Park	Parks	43.1	0.25	1.9
Neighborhood Green	Parks	4.3	0.25	0.2
Parkway, Paseos and Trails (PC)	Parks	9.1	0.25	0.4
School	Neighborhood areas	110.9	0.70	14.0
Minor Roads	Asphaltic	23.1	0.95	4.0
Major Roads	Asphaltic	79.0	0.95	13.5
Wetland Buffer/Bike Path Corridor	Open Space	45.2	0.00	0.0
Detention Basin (DB)	Open Space	46.9	0.00	0.0
Storm Drain Channel	Open Space	5.0	0.00	0.0
Wetland Preserve	Open Space	203.7	0.00	0.0

Cumulative

91.9

Total Acreage 1,265.4

Developed Acreage 964.6

D. Comparison with Storm Drain Study

A comparison of the storm drain demands resulting from the prior and updated land use plans is shown in Table 4. Like the earlier comparison of land use areas between the prior and the updated land use plans, the differences in the resulting demands for storm drain are nominal. In fact, the projected demands resulting from the updated land use plan are slightly more than those contained in the RMDS, 1.5% more in terms of cumulative water quality flow. While the developed acreage for the project has actually decreased, the increase in cumulative water quality flow is attributable to an increase in the HDR, CMU and Commercial & Employment Land Use Designations. This incremental increase results in insignificant adjustments to the peak flow and hydromodification requirements. The basins are contained within developable parcels and any modifications can be done within the developable footprint, without additional environmental impacts.

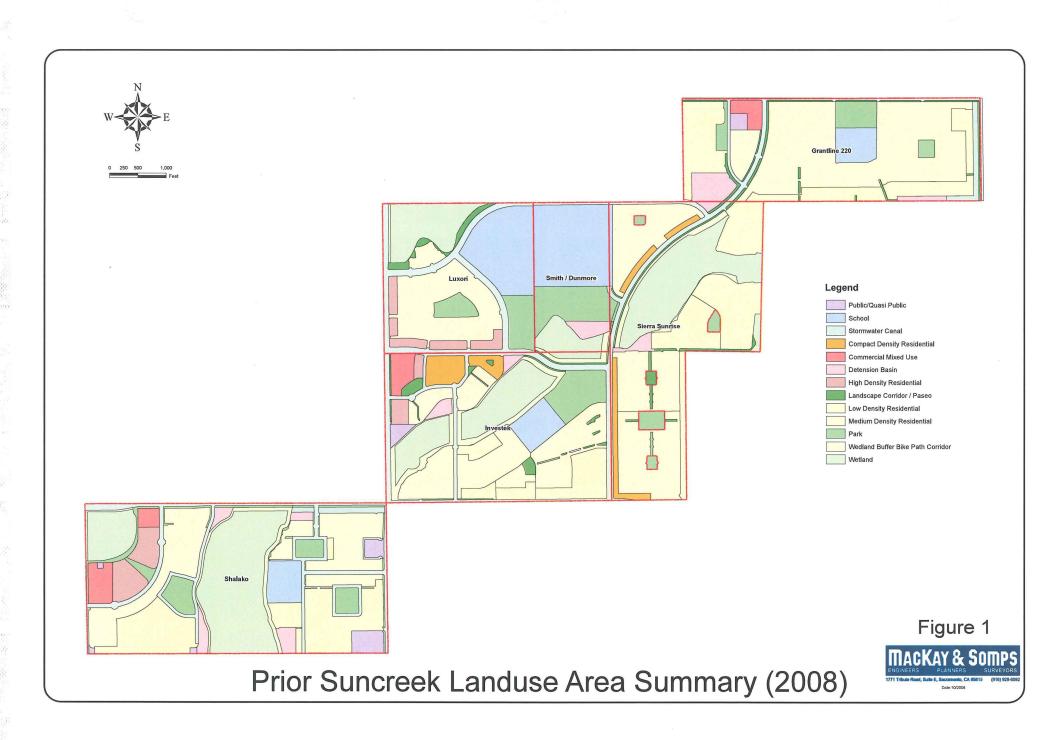
<u>Table 4</u> <u>Comparison of Drainage Demands</u>

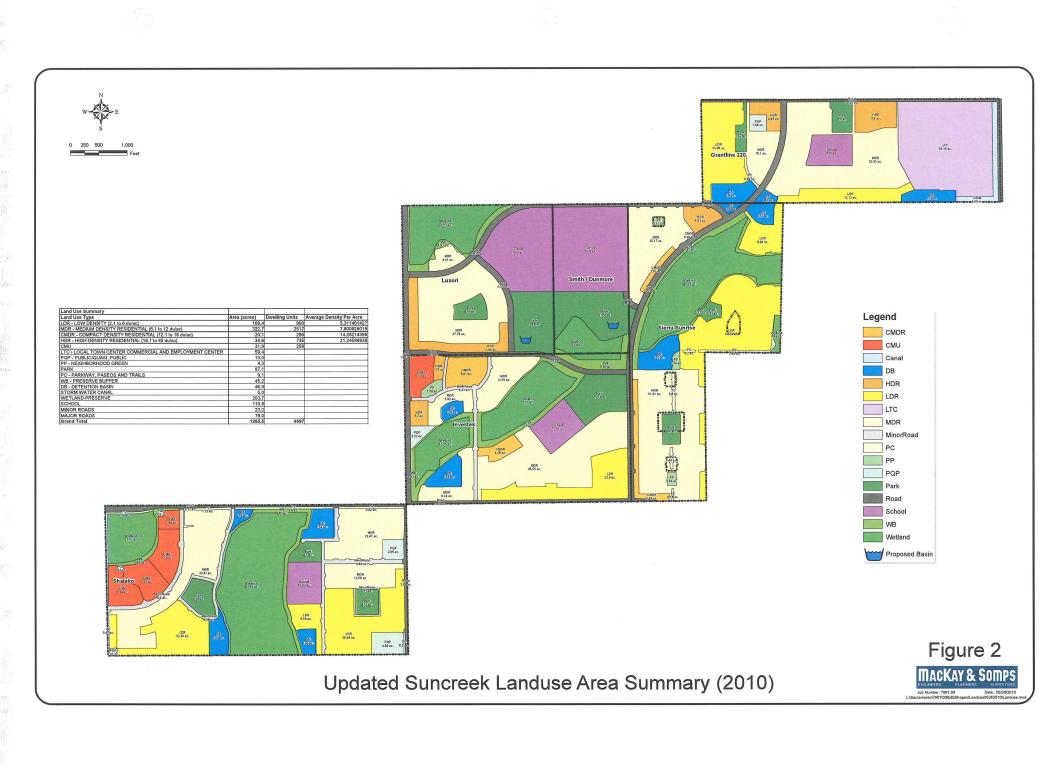
		Updated		
	Prior Land	Lane Use		
Demand	Use Plan	Plan	Change	Change %
Developed Acreage	997.0	964.6	-32.4	-3.2%
Cumulative Water Quality Flow	90.5	91.9	1.4	1.5%

E. Summary

The magnitude of the land use changes and the resulting changes in storm drain demands between the prior and updated land use plans are nominal. Furthermore, the spatial distribution of proposed land uses is relatively the same between the prior and updated land use plan. Accordingly, it is reasonable to conclude that the RMDS still adequately addresses the infrastructure requirements for the current land use plan, and that the differences in overall impacts on storm drain demand and infrastructure between the prior and updated land use plans are insignificant.

Appendix A





Appendix I: Summary of Sunrise Boulevard Flood Protection Study



February 5, 2010

Mr. Mark Rains Sacramento County Department of Water Resources 827 7th Street, Room 301 Sacramento CA 95814

SUBJECT: Summary of Sunrise Boulevard Flood Protection Study

Dear Mark:

West Yost Associates (West Yost) has completed a hydraulic analysis of flood protection alternatives for Sunrise Boulevard south of Highway 16 (Jackson Road). This letter provides a summary of the analysis and results of the study.

BACKGROUND

Sacramento County and the City of Rancho Cordova are planning to replace the bridge on Sunrise Boulevard at Laguna Creek just south of Highway 16 (See Figure 1). The existing bridge is undersized and subject to potential flooding during large storm events. In addition, a reach of Sunrise Boulevard to the south of the bridge is subject to flooding during moderate storm events. West Yost performed a hydraulic analysis to define the existing flood flows and water surface elevations at the bridge and the roadway to the south, and to evaluate potential solutions for protecting the bridge and roadway from flooding.

HYDRAULIC MODELING APPROACH

Hydraulic modeling was performed to define the existing 10-year and 100-year water surface elevations in the vicinity of the proposed bridge and also to evaluate potential future flood protection measures for the roadway. Hydraulic modeling for this reach of Laguna Creek was previously prepared by MacKay & Somps as part of a technical study prepared for the SunCreek Specific Plan, which is located upstream of Sunrise Boulevard. That model was used as a starting point for this study. The model was revised to provide more detail in the project area and the updated model was used to define existing conditions and to evaluate potential flood protection alternatives. The various model configurations are described below.

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Mr. Mark Rains February 5, 2010 Page 2

Existing Conditions

As indicated above, West Yost revised the HEC-RAS model prepared by MacKay & Somps for SunCreek to better define the existing flooding conditions near Sunrise Boulevard and Laguna Creek. The revisions were focused on improving the representation of the potential flow spills from Laguna Creek immediately upstream of Sunrise Boulevard. During moderate to large storms, the water level in the creek can exceed the top of the bank and spill out of the creek. Flows that spill over the left (south) bank of the creek will enter into a floodplain area east of Sunrise Boulevard, labeled "East Overflow Area" on Figure 2. When the ponding depth in this floodplain area reaches 2 to 3 feet, flow will enter a second storage area, labeled "West Overflow Area" on Figure 2, by spilling over Sunrise Boulevard to the west and over high ground to the south. A double 8'x5' box culvert under Sunrise Boulevard allows flows in this second storage area to move to either side of the road. The West Overflow Area also receives flows directly from an approximately 1,000 acre watershed located to the east. Flow in this second storage area will re-enter Laguna Creek just downstream of the Sunrise Boulevard Bridge when water levels in the creek recede enough to allow it. When the West Overflow Area fills, flow will spill south along Sunrise Boulevard, entering a third watershed labeled "South Overflow Area" on Figure 2. This neighboring watershed covers approximately 580 acres and drains under Sunrise Boulevard in a 7' x 5' box culvert approximately 920 feet north of Grantline Road. Runoff then continues west and is conveyed under the Folsom South Canal in four 42-inch siphons and re-enters Laguna Creek approximately 2,700 feet south of Florin Road.

Because the MacKay & Somps study was more focused on the SunCreek planning area, they used a simplified representation of the flooding in vicinity of Sunrise Boulevard. Their model included wide cross sections along Laguna Creek between Sunrise Boulevard and Highway 16 and the bridge at Sunrise Boulevard. The cross sections did not cover the entire width of the floodplain storage areas and the model did not allow for spill into the South Overflow Area.

For this study, the East, West and South Overflow Areas were modeled as a series of storage ponds that were connected to Laguna Creek and each other by lateral weirs. A schematic of the overflow storage configuration is provided as Figure 2. The elevation-storage volume relationships within each of the storage areas are presented in Tables 1 through 3 and were based on topographic mapping provided by MacKay & Somps. The topographic mapping was based on a compilation of data from a number of sources including LIDAR mapping developed by the County. Prior to final design of the new bridge or any roadway improvements, it would be desirable to obtain design level topographic mapping to more accurately define the spill elevations along the left bank of Laguna Creek near the bridge. It would also be desirable to survey the double 8' x 5' box culverts and the 7' x 5' box culvert under Sunrise Boulevard and add them to the model. For this study, it was assumed that these culverts do not significantly restrict flow.

The South Overflow Area is modeled as a storage area that drains directly to Laguna Creek through a set of 42-inch culverts that represent the Folsom South Canal siphons. This is a simplified representation of the actual system because the 42-inch pipes were not modeled as siphons and a short reach of channel between the Folsom South Canal and Laguna Creek was not modeled. However, the results near the Sunrise Boulevard Bridge are not highly sensitive to this part of the model so the simplification is considered reasonable for this study.

Table 1. Elevation-Volume Data for East Overflow Area					
Elevation, NGVD29	Area, sf	Incremental Volume, ac-ft	Cumulative Volume, ac-ft		
111.1	0	0.0	0.0		
112.0	41,266	0.4	0.4		
114.0	412,212	10.4	10.8		
116.0	1,473,120	43.3	54.1		

Table 2. Elevation-Volume Data for West Overflow Area					
Elevation, NGVD29	Area, sf	Incremental Volume, ac-ft	Cumulative Volume, ac-ft		
110.0	147,824	0.0	0.0		
112.0	510,788	15.1	15.1		
114.0	1,757,567	52.1	67.2		
116.0	2,792,032	104.4	171.6		

Table 3. Elevation-Volume Data for South Overflow Area					
Elevation, NGVD29	Area, sf	Incremental Volume, ac-ft	Cumulative Volume, ac-ft		
105.0	0	0.0	0.0		
110.0	400,085	23.0	23.0		
112.0	2,480,313	66.1	89.1		
114.0	5,383,000	180.5	269.6		

Mr. Mark Rains February 5, 2010 Page 4

Alternative 1 - Raise Bridge and Road

For Alternative 1, the bridge and roadway are protected from flooding by raising them above the floodplain elevation. The modeled elements included with Alternative 1 are described below and shown on Figure 3.

- The Sunrise Boulevard Bridge is raised above the 100-year water surface elevation of 115.3 feet. The minimum invert elevation of the creek at this location is approximately 106.5 feet. For this study it was assumed that the existing creek section at the bridge would not be significantly altered and that the bridge abutments would be constructed outside of the banks of the creek. The assumed width between bridge abutments is 68 feet. A single, central pier with a width of 1.25 feet was assumed.
- Sunrise Boulevard is raised above the 100-year water surface elevation from the bridge to a point about 3,000 feet to the south, just past Florin Road.
- Culverts are added under the road to allow spill from the creek to pass between the floodplain storage areas. Under existing conditions, flood flows pass over the roadway. The culverts are intended to replace the flow capacity that is lost by raising the road. For this study, twelve 48-inch culverts were modeled at a location approximately 1,800 feet south of Laguna Creek as shown on Figure 1. The actual shape, size, and number of the required culverts could vary depending on the ultimate design of the roadway and the available cover over the culverts.

Alternative 2 - Raise Bridge and Construct Containment Levee

For Alternative 2, the bridge is raised above the floodplain elevation. The roadway to the south of the bridge is protected from Laguna Creek overflow by a containment levee along the left (south) bank of the creek. The increase in downstream flows caused by preventing the creek overflow would be mitigated in the already planned detention facility at the Triangle Rock mining pit. This detention facility will use a weir and detention basin to limit peak flows delivered downstream to the roughly the two year peak flow during large storms up to the 100-year event. This detention basin will help prevent the spill from Laguna Creek to Gerber Creek that occurs downstream of Vineyard Road, and mitigate for volume impacts from upstream development. The modeled elements that are included with Alternative 2 are described below and shown on Figure 4.

- The Sunrise Boulevard Bridge is raised above the 100-year water surface elevation of 115.3 feet. The minimum invert elevation of the creek at this location is approximately 106.5 feet. For this study it was assumed that the existing creek section at the bridge would not be significantly altered and that the bridge abutments would be constructed outside of the banks of the creek. The assumed width between bridge abutments is 68 feet. A single, central pier with a width of 1.25 feet was assumed.
- A containment levee or berm is modeled along the left overbank of Laguna Creek from Highway 16 to the Folsom South Canal. A gated 10' x 6' box culvert is included through the levee to allow the local watershed to drain into the creek. The culvert size was selected to be large enough to not significantly restrict flow, but it was not optimized. If this alternative is considered for implementation, the size should be evaluated further.

Mr. Mark Rains February 5, 2010 Page 5

> A regional detention basin is included just downstream of the Folsom South Canal at the Triangle Rock mining pit. The storage volume of the basin was based on information prepared by MacKay & Somps for their SunCreek study. The peak storage volume during the 100-year storm is approximately 800 acre-feet at an elevation of 102 feet. The weir was assumed to be 600 feet long at an elevation of 110.5 feet.

HYDRAULIC MODELING RESULTS

The hydraulic models were used to calculate existing 10-year and 100-year water surface elevations and flows in the area of interest and to evaluate the effectiveness of the flood protection alternatives. Table 2 provides a summary of the calculated peak water surface elevations in the area of interest. Table 3 presents a summary of the calculated flood flows at key points in the system.

Table 4. Calculated Peak Water Surface Elevations in feet (NGVD29)							
	Low Road Elevation	10-Year Storm			100-Year Storm		
Location	on Sunrise Boulevard, Existing	Existing Conditions	Alternative 1	Alternative 2	Existing Conditions	Alternative	Alternative 2
Just Upstream of Sunrise Boulevard Bridge	115.30	114.63	114.45	114.39	115.50	115.33	115.50
East Overflow Area	112.30	114.03	114.03	113.77	115.27	115.29	114.70
West Overflow Area	112.30	114.03	114.02	113.77	115.27	115.27	114.70
South Overflow Area	111.80	108.91	108.91	108.90	110.17	110.17	110.17
Just Upstream of old Highway 16 Bridge	n/a	116.01	116.01	116.01	117.35	117.19	117.51
Downstream of Folsom South Canal	n/a	112.53	112.53	110.94	113.38	113.39	111.38

Table 5. Calculated Peak Flow in cfs							
10-Year Storm				100-Year Storm			
Location	Existing Conditions	Alternative 1	Alternative 2	Existing Conditions	Alternative 1	Alternative 2	
Just Upstream of Sunrise Boulevard Bridge	750	770	810	1,010	1,150	1,470	
At Folsom South Canal	850	850	850	1,370	1,370	1,460	
Downstream of Folsom South Canal	850	850	300	1,370	1,380	390	
Spill Along East Side of Sunrise Blvd. to South Watershed	20	20	10	160	160	80	

Existing Condition Results

Under existing conditions, the results on Table 2 indicate that shallow flooding of the bridge is expected during a 100-year storm event. The 10-year water surface elevation is below the surface elevation at the bridge. The low chord of the existing bridge deck is below the water surface for both storm events and represents a significant restriction to flood flows during a 100-year storm event.

The elevations along the road to the south of the bridge are lower than at the bridge itself and portions of the road would be subject to flooding during the 10-year and 100-year storms. The 10-year and 100-year water surface elevations south of the bridge are approximately 114.0 and 115.3 feet, respectively (see East Overflow Area in Table 2). For the 10-year, 24-hour storm, approximately 1,600 feet of Sunrise Blvd between Grant Line Road and Highway 16 would be inundated for approximately 11 hours up to a maximum depth of 1.8 feet. For the 100-year, 24-hour storm, approximately 3,300 feet of Sunrise Blvd between Grant Line Road and Highway 16 would be inundated for approximately 16 hours up to a maximum depth of 3.1 feet. Figure 5 shows the calculated flood depths above the roadway.

The 10-year peak flood flow ranges from 750 cfs at the bridge to 850 cfs downstream of the Folsom South Canal. Approximately 20 cfs is predicted to spill from the floodplain area near the bridge to the adjacent watershed to the south. The 100-year peak flood flow ranges from 1,010 cfs at the bridge to 1,370 cfs downstream of the Folsom South Canal. Approximately 160 cfs is predicted to spill from the floodplain area near the bridge to the adjacent watershed to the south.

Mr. Mark Rains February 5, 2010 Page 7

Alternative 1 Results

The results for Alternative 1 indicate that raising the road could be a feasible approach for protecting the road from flooding without adversely impacting existing flooding on adjacent land. Water surface elevations upstream of the bridge are predicted to be slightly lower than existing elevations. This is due to providing clearance between the bridge deck and the calculated water surface elevation, which removes a significant restriction to flow. Removal of this restriction results in slightly higher flows and water surface elevations downstream of the bridge, but the increases are small. The water surface elevations in the overflow areas to the south of the creek would be essentially equal to existing elevations. The proposed culverts under Sunrise Boulevard would adequately mitigate for the potential impacts of raising the road.

Alternative 2 Results

The results for Alternative 2 show that this is not a feasible approach. The goal of the alternative is to protect the roadway south of the bridge by constructing levees along the creek to prevent spill from the creek. The levees prevent overflow from the creek, but they don't prevent the road from flooding. Runoff from the 1,000 acre watershed to the east that drains into the West Overflow storage area, currently crosses Sunrise Boulevard through two 8'x5' box culverts (See Figure 2) and then continues to the north in a channel and enters Laguna Creek just downstream of Sunrise Boulevard. If Alternative 2 were implemented, this watershed would continue to drain into the West Overflow area and then to Laguna Creek through a flap-gated culvert through the containment levee. However, during a large storm event, high water in the creek will prevent runoff from the tributary shed from entering the creek at the peak of the storm. During the 100-year storm, the runoff from the tributary watershed would pond behind the containment levee to an elevation that is lower than the existing floodplain elevation (114.7 versus 115.3) but is still significantly higher than the low point of the road. Therefore, the road would still need to be raised for this alternative. The alternative would also cause increases in the 100-year water surface elevations upstream of the bridge.

The planned regional detention basin downstream of the Folsom South Canal will produce significant reductions in flows and water surface elevations downstream of the Folsom South Canal. However, these reductions do not extend upstream to Sunrise Boulevard.

West Yost Associates 063\00-08-22L

Mr. Mark Rains February 5, 2010 Page 8

CONCLUSIONS

Sunrise Boulevard is vulnerable to flooding from Laguna Creek during both the modeled 10-year and 100-year storm events. Raising the elevation of the bridge and roadway above the 100-year water surface elevation appears to be a feasible approach for protecting the road. Raising the roadway would block flood flows that currently flow over the roadway. Without mitigation, this could cause increases to the water surface elevations in areas east of Sunrise Boulevard. However, the potential increases to water surface elevations can be mitigated by providing culverts under the raised roadway.

Sincerely,

WEST YOST ASSOCIATES

Mar Kur

Mark O. Kubik Principal Engineer R.C.E. #50963

MOK:nmp

attachments

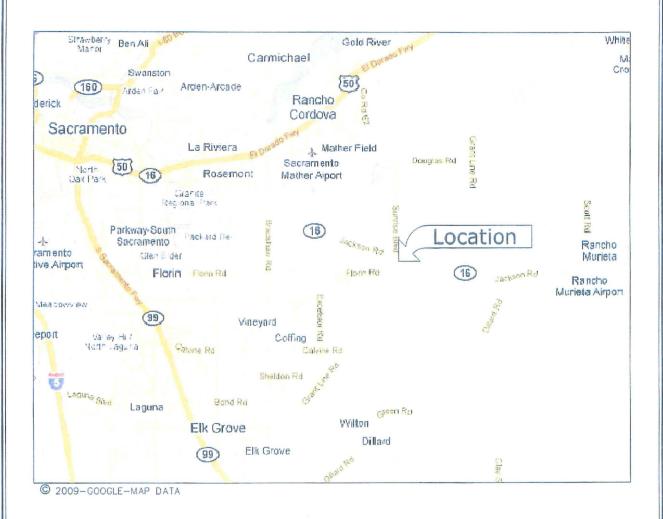




Figure 1
Sunrise Boulevard
Flood Protection Study
Vicinity Map





Figure 3 Sunrise Boulevard Flood Protection Study Alternative 1 Schematic





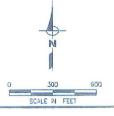
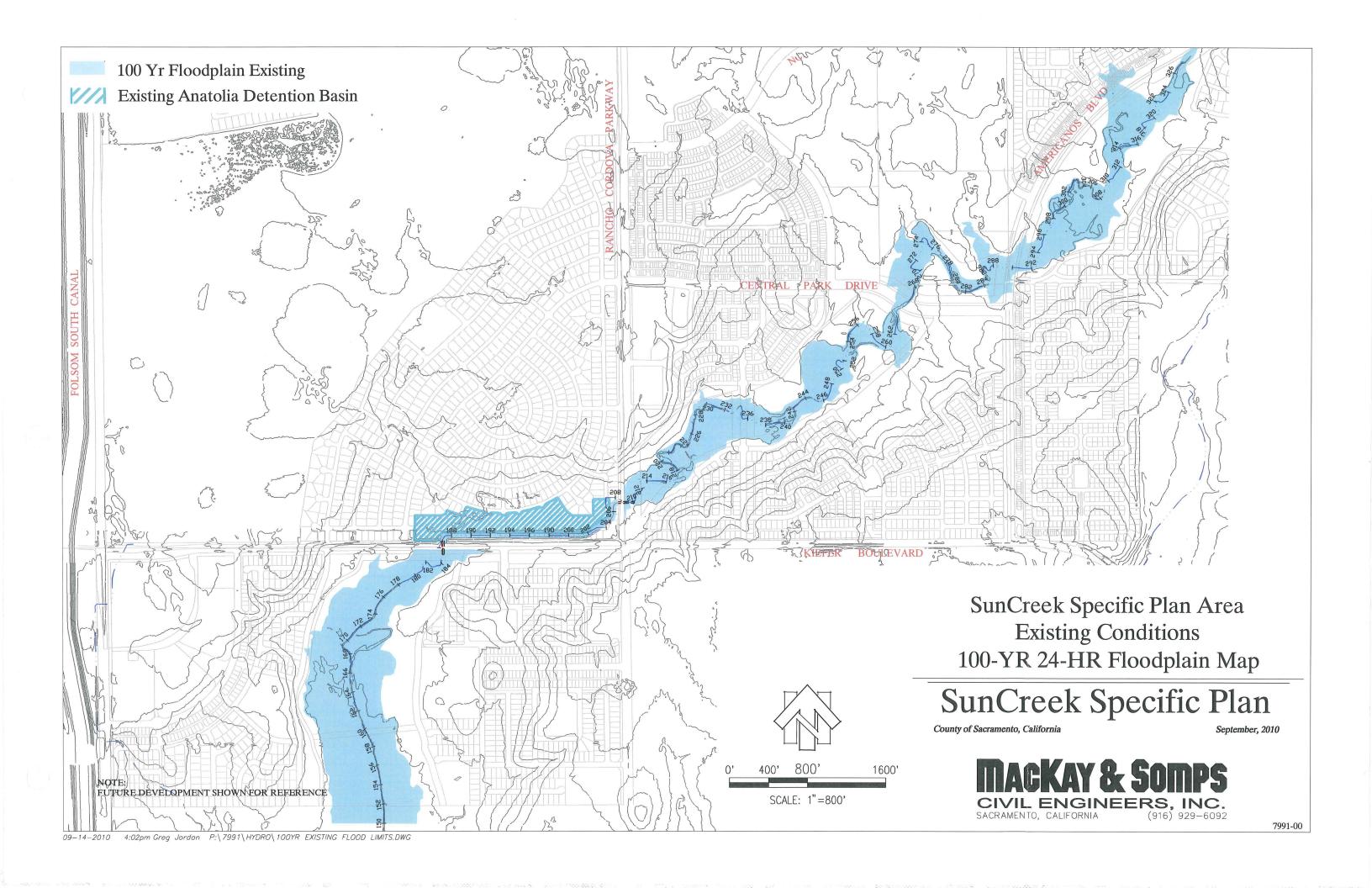


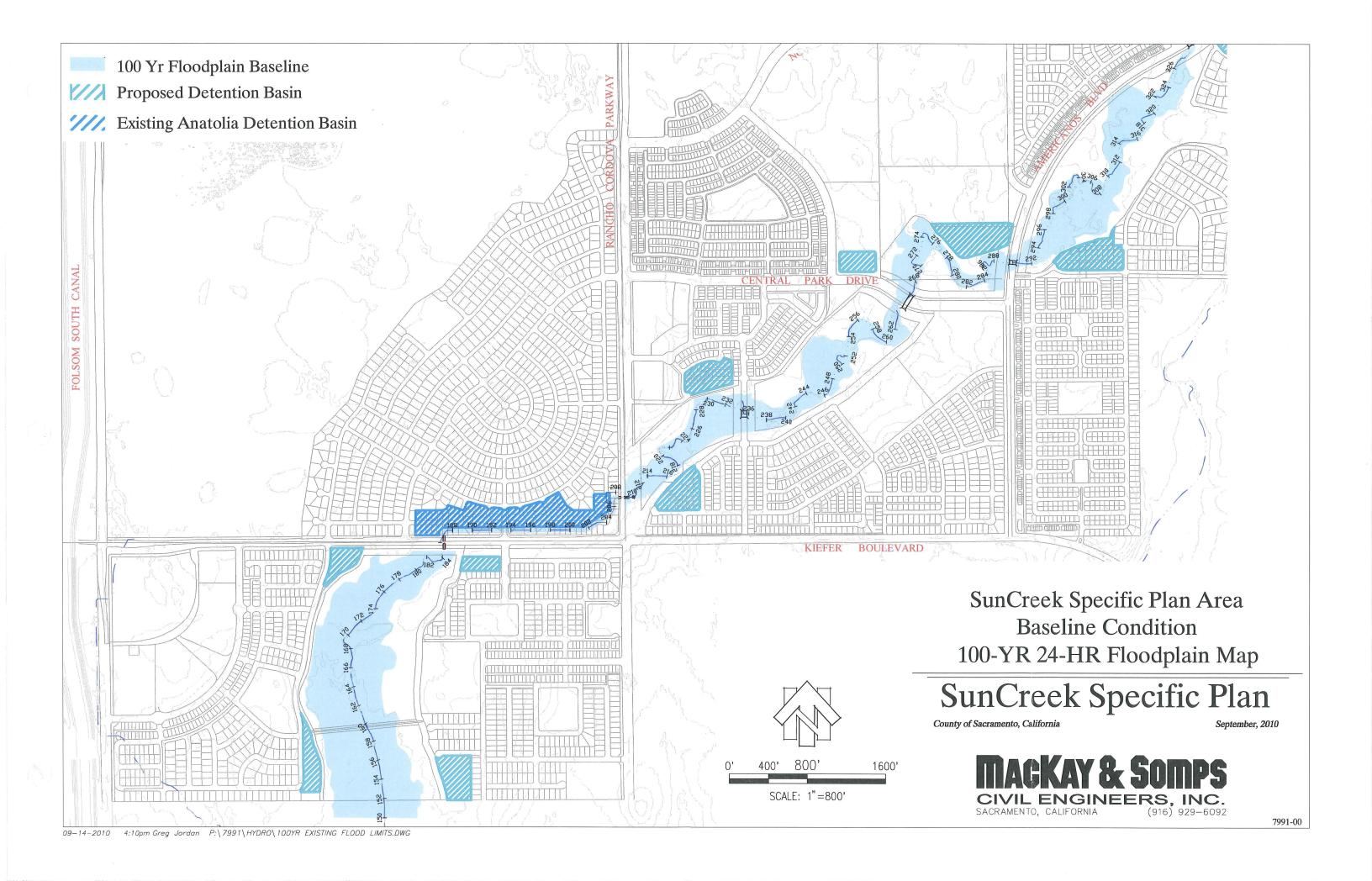
Figure 5
Sunrise Boulevard
Flood Protection Study
Approximate Flood Depths
For Existing Conditions



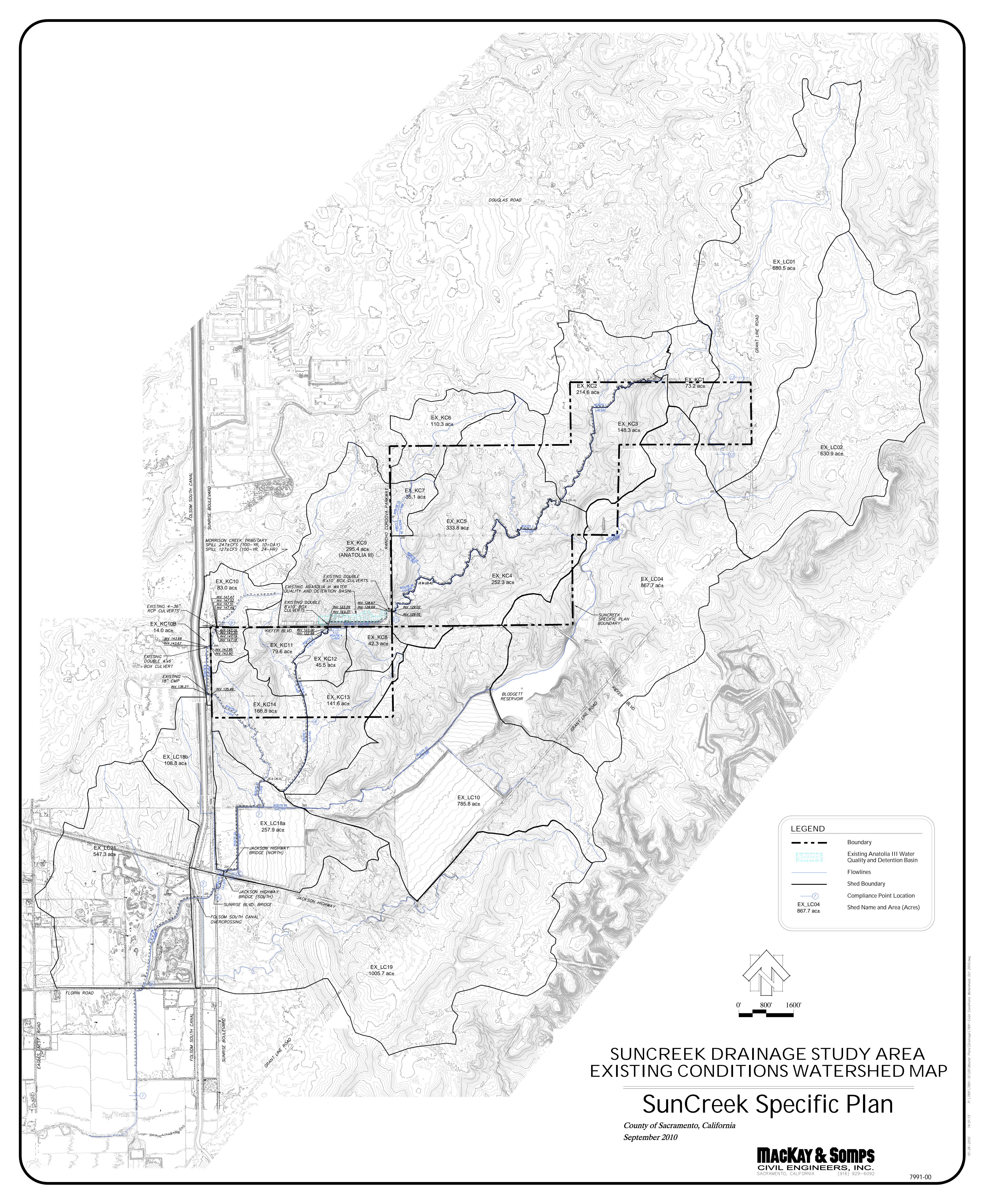
Appendix J: SunCreek Specific Plan Area – Existing Conditions 100-Year, 24-Hour Flood Plain Map



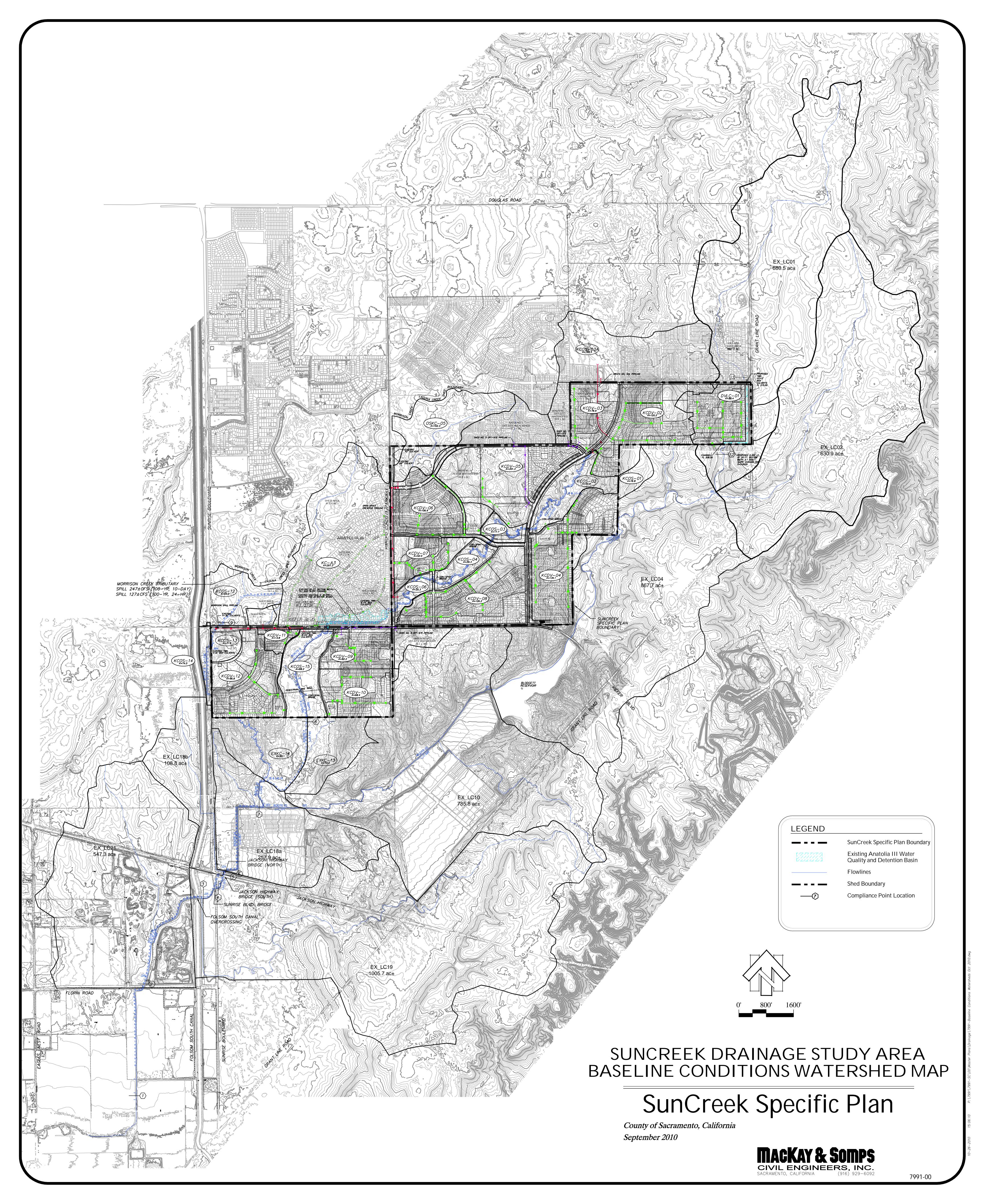
Appendix K: SunCreek Specific Plan Area – Baseline Conditions 100-Year, 24-Hour Flood Plain Map



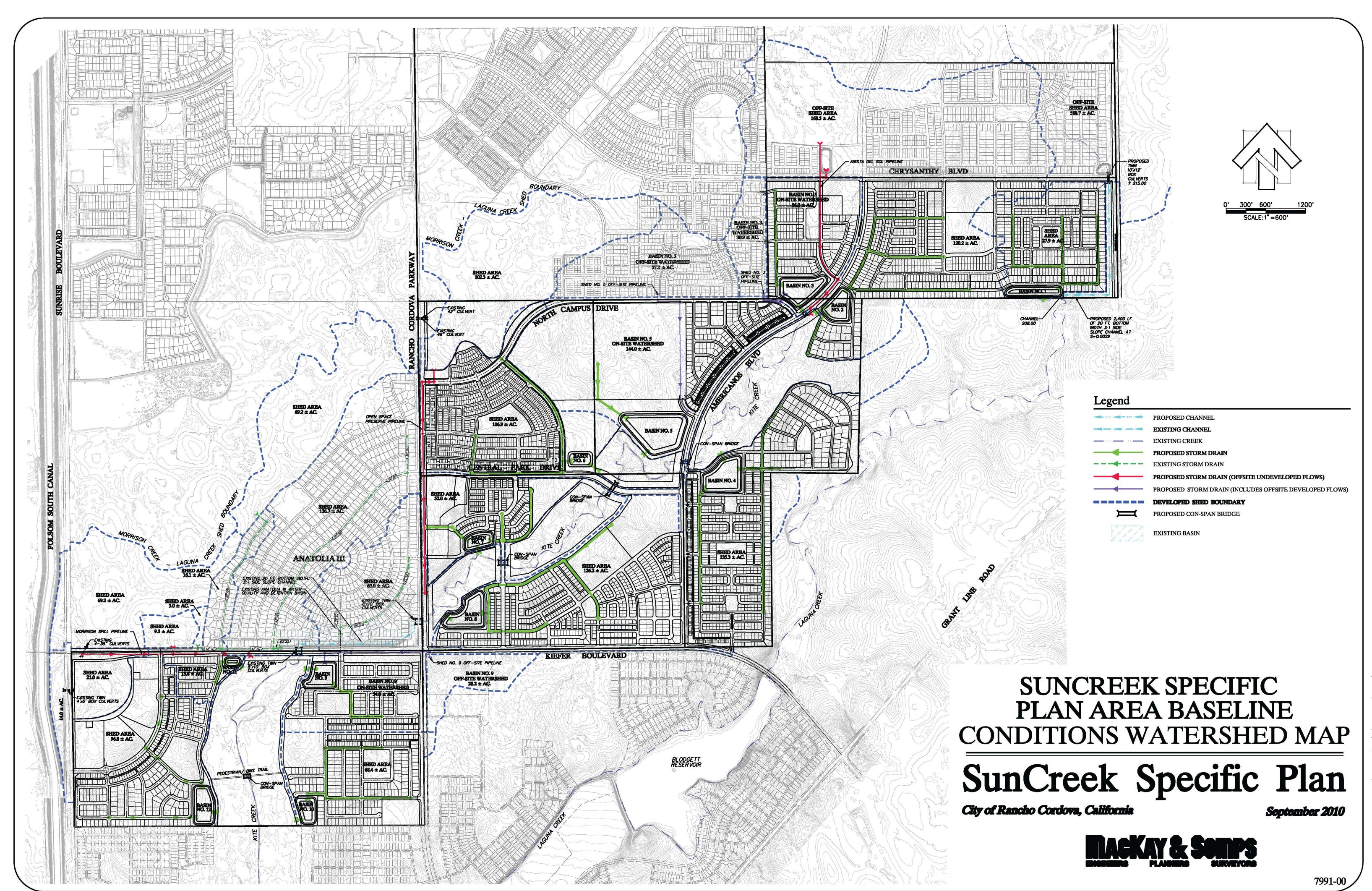
Appendix L: SunCreek Drainage Study Area – Existing Conditions Watershed Map



Appendix M: SunCreek Drainage Study Area – Baseline Conditions Watershed Map

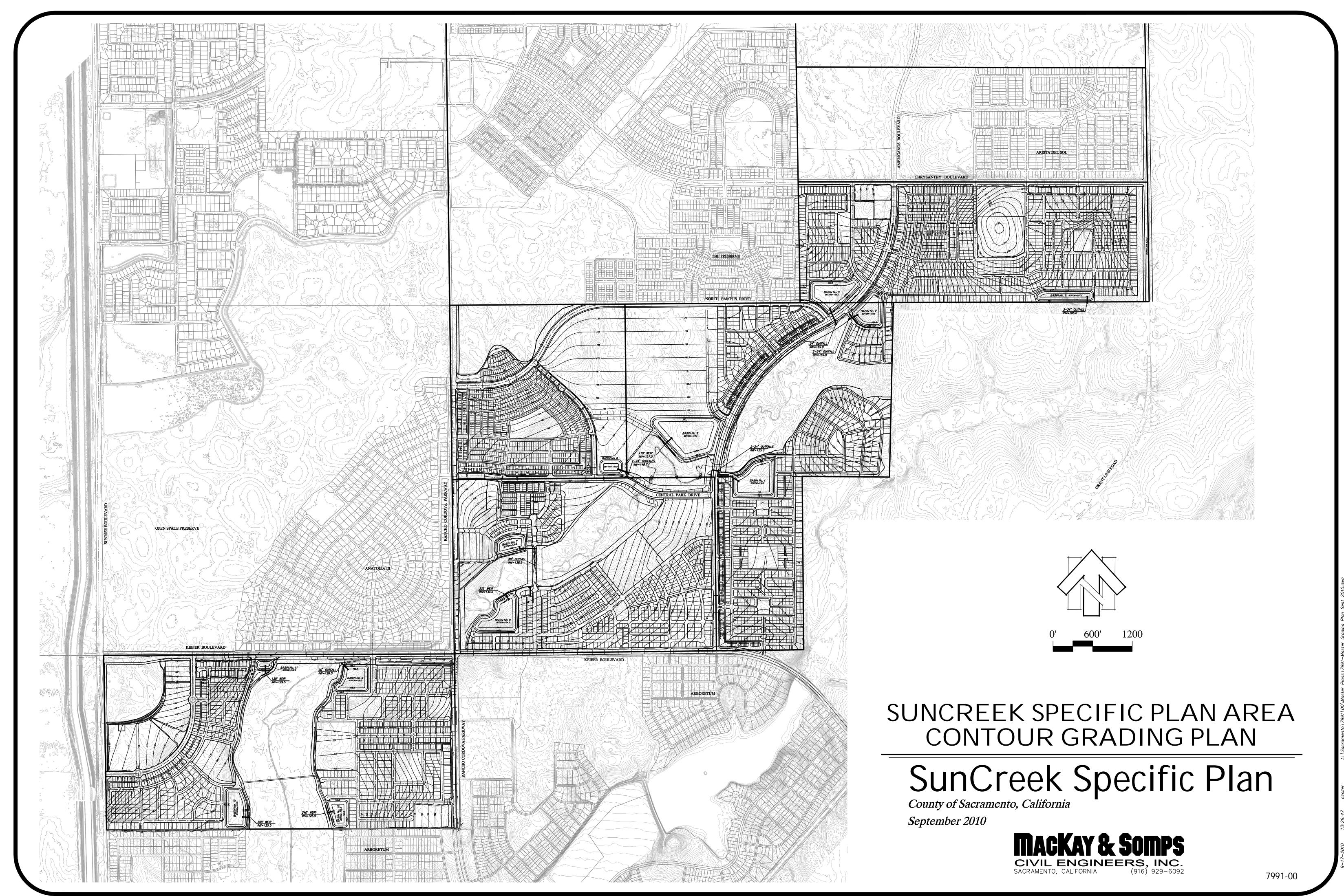


Appendix N: SunCreek Specific Plan Area – Baseline Conditions Watershed Map



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Appendix O: SunCreek Specific Plan Area – Contour Grading Plan



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Appendix P: HEC-RAS Results

Appendix P-1: HEC-RAS Results, Existing Conditions Model, 10-Year, 24-Hour Storm

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	Х	XXXXXX	xxxx			xxxx		>	X	XXXX
Х	X	X	Х	Х		Х	Х	Х	Х	X
X	Х	X	X			Х	Х	X	X	X
XXX	XXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	Х	Х	X
Х	X	X	Х	Х		Х	Х	Х	Х	X
X	X	XXXXXX	XX	XX		×	X	X	X	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 10:41:28 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2	Reach Reach-1	River Sta 11900 11850.* 11800 11750.* 11700 11650.* 11600 11550.* 11300 11450.* 11400 11350.* 11400 11350.* 11000 11050.* 11000 11050.* 11000 10887.5* 10650 10490.* 10430.* 10310.* 10310.* 10250 10250 10200.*	MAX WS MAX WS	Q Total (cfs) 308.14 308.33 306.37 307.24 308.09 305.52 306.36 307.20 306.35 306.34 305.51 305.47 304.67 304.67 304.67 304.57 304.57 304.51 303.87 304.51 304.52 305.19 304.49			Crit W.S. (ft)					296.62 313.81 411.49 399.53 376.06 330.56 336.71 337.96 401.83 406.25 454.20 461.22 477.51 497.26 533.06 544.94 573.11 583.01 602.52 638.30 681.04 784.26 881.72 980.99 1050.73 1128.37 965.02	0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	10150 10100.* 10050	Max WS Max WS Max WS	304.37 304.35 303.87	150.00 150.00 150.00	162.22 162.22 162.22		162.22 162.22 162.22	0.000000 0.000000 0.000000	0.04 0.05 0.05	6881.09 6557.42 6332.71	855.76 844.11 774.09	0.00 0.00 0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	10030 10000.* 9950	Max WS Max WS	304.82 304.31	150.00 150.00	162.22 162.22		162.22 162.22	0.000000 0.000000	0.05 0.04	6589.10 6860.19	794.00 813.45	0.00 0.00

						KiteC 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22	reek.rep						
RIVER-2	Reach-1	9900.*	Max WS	304.29	150.00 150.00	162.22		162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22 162.22	0.000000 0.000000 0.000000	0.04 0.04	7506.73 8113.07 7903.99	1037.55 1198.91 1387.12 1454.42 1493.77 1532.96 1676.96 1727.91 1760.25 1775.38 1703.59 1607.94 1431.13 1248.08 1125.45 1021.36	0.00 0.00 0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	9850 9800.*	Max WS	303.85		162.22		162.22	0.000000	0.04	7003 00	1190.91	0.00
RIVER-2	Reach-1 Reach-1	9800.* 9750 9675.* 9600 9550.* 9500.*	Max WS Max WS Max WS	304.03	150.00 150.00 149.36 148.73 148.36 148.00 147.00 146.00 145.51 145.02 144.51	162.22		162.22	0.000000	0.04	8198.10 8893.31 9676.16 11932.31	1454.42	0.00
RIVER-2	Reach-1	9675.*	Max WS	303.85	149.36	162.22		162.22	0.000000	0.03	8893.31	1493.77	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9600	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	304.50	148.73	162.22		162.22	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02	9676.16	1532.96	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9550.*	Max WS	304.44	`148.36	162.22		162.22	0.000000	0.03	11932.31	1676.96	0.00
DT\/ED_7	Reach-1	9500	Max WS	303.83	148.00	162.22		162.22	0.000000	0.02	14360.24	1727.91	0.00
RIVER-2	Reach-1	9450.*	Max WS	304.12	147.00	162.22		162.22	0.000000	0.02	15358.53	1760.25	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach 1	9400	Max WS	303.85	146.00	162.22		162.22	0.000000	0.02	11932.31 14360.24 15358.53 16694.54 16142.28 15471.57 14448.79 12971.60 12643.71 13001.21 13218.50 12432.24	17/3.30	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
DTVED-2	Poach-1	9330	Max WS	304.23	145.31	162.22		162.22	0.000000	0.02	15471.57	1607.94	0.00
RTVER-2	Reach-1	9300 9200.*	Max WS	303.94	144.51	162.22		162.22	0.000000	0.02	14448.79	1431.13	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	9100	Max WS	303.89	144.00	162.22		162.22	0.000000	0.02	13377.69	1248.08	0.00
RIVER-2	Reach-1	9100 9050.*	Max WS	303.83	144.00	162.22		162.22	0.000000	0.02	12971.60	1125.45	0.00
RIVER-2	Reach-1	9000 8900.* 8800 8700.*	Max WS	303.81	144.00 144.00 143.08 142.16	162.22		162.22	0.000000	0.02	12643.71	1021.36	0.00
RIVER-2	Reach-1	8900.*	Max WS	303.91	143.08	162.22		162.22	0.000000	0.02 0.02 0.02	13001.21	994.54 949.80 979.85	0.00
RIVER-2	Reach-1	8800		303.85	142.16	162.22		162.22	0.000000	0.02	13/18.30	949.80	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	8600."	Max WS Max WS	303.60	143.70 145.24	162.22	145.80	162.22	0.000000	0.02	11906.28	987.96	0.00
RTVER-2	Reach-1	8500 8500	Max W3	Inl Struct		102.22	143.00			0.05	11500110		0.00
RIVER-2 RIVER-2	Reach-1	8450	Max WS	303.78	140.56	152.43		152.55	0.003341	2.74	110.89	29.02	0.25
RIVER-2	Reach-1	8350	11-14 140	305.06	140.09	152.05		152.18	0.004226	2.89	105.65	28.45	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	8250.*	Max WS	306.36	139.60	151.63		151.76	0.004247	2.89	105.83	28.67	0.27
RIVER-2	Reach-1	8150.*	Max WS	307.65	139.11	151.21		151.34	0.004293	2.90	105.93	28.93 20.21	0.27
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	8050." 7050.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	308.94	140.56 140.09 139.60 139.11 138.62 138.13 137.64 137.15 136.66 136.17	150.79		150.92	0.004337	2.92	105.97	29.21	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7850.**	Max WS Max WS	310.24	137 64	149.91		150.45	0.004433	2.94	106.03	29.97	0.28
RTVER-2	Reach-1	7750.*	Max WS	312.85	137.15	149.45		149.59	0.004687	2.95	105.96	30.83	0.28
RIVER-2	Reach-1	7650.*	Max WS	314.14	136.66	148.98		149.12	0.004873	2.97	105.85	31.78	0.29
RIVER-2	Reach-1	7550.*	Max WS	315.44	136.17	148.50		148.64	0.004947	2.98	105.93	32.06	0.29
RIVER-2	Reach-1	7450.*	Max WS	316.76	135.68	148.01		148.15	0.005028	2.99	105.86	32.20	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	8600 8500 8450 8450 8250.* 8150.* 8050.* 7950.* 7650.* 7550.* 7450.* 7250.* 7250.* 7250.* 7050.* 6950.* 6650.* 6650.* 6650.* 66383.33* 6300 6250 6200 6100.* 5900.* 5900.* 5900.* 5900.*	Max WS Max WS Max WS Max WS	318.06	135.68 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76 131.27	147.51		147.03	0.005107	2.74 2.89 2.90 2.92 2.93 2.94 2.95 2.99 3.01 3.04 3.04 3.14 3.22 3.70 3.70 3.70	110.89 105.65 105.83 105.93 105.97 105.98 106.03 105.96 105.85 105.93 105.74 105.72	29. 02 28. 45 28. 67 28. 93 29. 21 29. 51 29. 97 30. 83 31. 78 32. 26 32. 24 32. 11 31. 93 31. 64 31. 24 30. 69 29. 92 28. 52 30. 65 36. 55 31. 47 28. 78	0.29
RIVER-2	Reach-1	7250." 7150 *	Max WS	320.68	134.70	146.48		146.63	0.005257	3.04	105.72	32.11	0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7050.*	Max WS	321.99	133.72	145.96		146.11	0.005348	3.06	105.06	31.93	0.30
RIVER-2	Reach-1	6950.*	Max WS	323.31	133.23	145.43		145.57	0.005496	3.10	104.34	31.64	0.30
RIVER-2	Reach-1	6850.*	Max WS	324.62	132.74	144.87		145.03	0.005697	3.14	103.29	31.24	0.30
RIVER-2	Reach-1	6750.*	Max WS	325.94	132.25	144.29		144.45	0.006067	3.22	101.30	30.69	0.37
KIVER-Z	Reach-1	6650.*	Max WS	327.20	131./0	143.03		143.63	0.000002	3.33	88 89	28.52	0.33
RIVER-2	Reach-1	6466 66*	May WS	320.30	131.27	142.03		142.32	0.003030	3.70	89.04	30.65	0.38
RTVER-2	Reach-1	6383.33*	Max WS	330.79	134.40 135.97 136.00	141.59		141.76	0.005462	3.25	101.73	36.55	0.34
RIVER-2	Reach-1	6300	Max WS	331.90	135.97	141.26		141.40	0.003180	3.04	109.08	31.47	0.29
RIVER-2	Reach-1	6250	Max WS	332.56	136.00	141.01		141.21	0.004671	3.53	94.19	28.78	0.34
RIVER-2	Reach-1	6200	Max WS	333.22	135.00	140.67		140.94	0.006266	4.11	80.99	23.16	0.39
RIVER-2	Reach-1	6100.*	Max WS	334.56	134.75	140.20		140.39	0.0046/1	3.3L 3.13	107.45	20.90 34 91	0.34
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	5000.*	Max WS Max WS	333.09	135.00 134.75 134.50 134.25 134.00 133.75 133.50 133.25 133.20 132.73 132.45 132.18 131.91	139.01		139.50	0.003575	2.88	117.23	40.88	0.30
RIVER-2	Reach-1	5800.*	Max WS	338.56	134.00	139.12		139.24	0.003563	2.74	123.59	46.66	0.30
RIVER-2	Reach-1	5700.*	Max WS	339.90	133.75	138.75		138.87	0.003953	2.72	124.82	51.69	0.31
RTVFR-2	Reach-1	5600.*	Max WS	341.23	133.50	138.29		138.42	0.005166	2.90	117.51	54.15	0.35
RIVER-2 RIVER-2 RIVER-2	Reach-1	5500.*	May WS	342.56	133.25	137.57		137.77	0.008122	3.59	95.38	44.53	0.43
RIVER-2	Reach-1	5400	Max WS Max WS Max WS Max WS	343.89 245 17	133.00	135.85		136.40	0.020547	3.33	105 21	56.36	0.42
RIVER-2 RIVER-2	Reach-1	5304.54" 5209 09*	Max WS	343.17	132.73	134.35		134.44	0.007012	2.44	141.86	88.61	0.34
RTVFR-2	Reach-1	5113.63*	Max WS	347.74	132.18	133.93		133.99	0.004356	2.04	170.36	121.36	0.30
RIVER-2	Reach-1	5018.18*	May WS	349.02	131.91	133.56		133.61	0.004046	1.82	192.27	154.73	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	5500.* 5400 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45*	Max WS Max WS Max WS Max WS	350.29	131.64	133.23		133.27	0.003918	3.53 4.11 3.13 2.88 2.74 2.72 2.90 3.59 3.28 2.44 2.04 1.82 1.67 1.49	105. 06 104. 34 103. 29 101. 30 97. 66 88. 89 89. 04 101. 73 109. 08 94. 19 80. 99 95. 26 107. 45 117. 23 123. 59 124. 82 117. 51 95. 80 1105. 21 141. 86 170. 36 192. 27 209. 78 224. 99 237. 56 246. 53 254. 74	23.16 28.96 34.91 40.88 46.66 51.69 54.15 44.53 25.30 56.36 88.61 121.36 154.73 187.00 218.83 252.54 290.99 333.27 401.04 423.62	0.25 0.26 0.27 0.27 0.27 0.27 0.28 0.29 0.29 0.29 0.30 0.30 0.31 0.33 0.37 0.38 0.34 0.29 0.39 0.34 0.39 0.34 0.29 0.34 0.39 0.34 0.39 0.34 0.29 0.34 0.39 0.34 0.29 0.34 0.39 0.34 0.29 0.34 0.39 0.37 0.37 0.38
RIVER-2	Reach-1	4827.27*	Max WS	351.57	131.36 131.39 130.82 130.55 130.27 130.00	132.91		132.95	0.003850	1.56	224.99 227 56	210.03 252 54	0.27 0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	4/31.81*	Max WS	352.85 354 12	131.09	132.01 132 31		132.03	0.003913	1.49	246.53	290.99	0.28
KIVEK-2	Reach-1	4030.30* 4540 90*	May WS	355 39	130.62	132.02		132.05	0.004547	1.40	254.74	333.27	0.28
RTVER-2	Reach-1	4445.45*	Max WS	356.66	130.27	131.74		131.77	0.004460	1.29	276.47 189.39 201.64	401.04	0.27
RIVER-2	Reach-1	4350	Max WS Max WS Max WS	357.93	130.00	131.19		131.25	0.017049	1.89	189.39	423.62	0.50
KTAFK-5	Reach-1	4260.*	Max WS	359.02	129.40	130.57		130.62	0.013700	1.78	201.64 201.31	420.25	0.45
RIVER-2		4350 4260.* 4170.* 4080.* 3990.*	Max WS	304.29 303.85 304.24 303.85 304.44 303.85 304.23 304.00 303.94 303.85 304.23 304.03 303.94 303.85 304.23 304.23 304.23 304.23 305.85 307.65 308.94 311.55 311.57 312.66 333.22 334.62 335.59 331.90	128.80	152. 43 152. 05 151. 63 151. 21 150. 79 150. 35 149. 91 149. 45 148. 98 148. 50 147. 50 146. 48 145. 96 145. 43 144. 87 144. 87 144. 29 143. 65 142. 83 142. 11 141. 59 141. 26 141. 01 140. 67 140. 20 139. 81 139. 47 139. 12 138. 29 137. 57 138. 29 137. 57 135. 85 134. 88 134. 35 133. 23 132. 91 132. 02 131. 74 131. 19 130. 57 130. 00 129. 60 129. 60 129. 60		152.55 152.18 151.76 151.34 150.49 150.04 149.59 149.12 148.64 147.14 146.63 147.14 145.57 145.57 145.57 145.93 144.45 141.76 141.40 141.21 140.94 140.94 140.94 140.94 140.94 140.94 141.21 140.94 141.21 140.94 133.60 138.42 137.77 135.05 138.42 138.42 137.77 138.42 139.42 13	0.003341 0.004226 0.004247 0.004293 0.004357 0.004433 0.004526 0.004687 0.005163 0.005107 0.005163 0.005287 0.005348 0.005496 0.005697 0.006067 0.006802 0.009050 0.008270 0.005462 0.003180 0.004671 0.006266 0.004671 0.006266 0.004671 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918 0.003918	1.29 1.89 1.78 1.79 1.55	233.34	407.37 428.56	0.27 0.28 0.28 0.27 0.50 0.45 0.45
RIVER-2	Reach-1	4080.*	Max WS	361.22	128.20	129.60		129.04 120 20	0.008801	1 23	295.43	470.15	0.27
RIVER-2	Reach-1	3990.*	Max WS	30Z.31	127.60	173.30		163.33	0.004301	1.23	233.73		J

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RIVER-2	Reach-1	3900 3800.*	Max WS	363.40	127.00 126.70	129.15		129.16	0.003486 0.003842	1.11	326.28 315.62	490.53 482.89 474.62 454.99 420.54 396.38 365.73 361.84 364.73 386.78 445.32 489.01 486.80	0.24 0.25 0.27 0.28 0.28 0.27
RIVER-2	Reach-1	3800.*	Max WS	364.78 266 17	126.70	128.87		128.89	0.003842	$\frac{1.16}{1.21}$	312.62	482.89	0.25
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	3600.*	Max WS Max WS Max WS	367.55	126.40	128.33		128.01	0.004308	1.21 1.26 1.29 1.31 1.32 1.32 1.29 1.21 1.16 1.19 1.34 1.38 1.30 1.28	302.30 290.98 285.73 282.46 280.85 280.48 283.37 291.03 311.01 327.44 317.83 284.97 276.13 293.48 299.08 291.74	454.02	0.27
RTVFR-2	Reach-1	3500.*	Max WS	368.93	125.80	128.03		128.06	0.004554	1.29	285.73	420.54	0.28
RTVFR-2	Reach-1	3400.*		370.30	125.50	127.77		127.79	0.004406	1.31	282.46	396.38	0.27
RIVER-2 RIVER-2	Reach-1	3300.*	Max WS	371.66	125.20	127.50		127.52	0.004255	1.32	280.85	378.58	0.27
RIVER-2	Reach-1	3200.*	Max WS	373.02	124.90	127.23		127.26	0.004112	1.33	280.48	365.73	0.27
RTVFR-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	3100.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	374.38	124.60	126.97		127.00	0.003947	1.32	283.37	361.84	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	3000.*	Max WS	3/5./3	124.30	126.72		126.75	0.0036/6	1.29	291.03	364./3	0.25
RIVER-2	Reach-1	2900 2812 5*	Max WS	3//.00 378 21	124.00	126.49		126.32	0.003209	1.21	327 44	300.70 445 32	0.24
RTVFR-2	Reach-1	2725.*	Max WS	379.34	123.03	126.02		126.04	0.003231	1.19	317.83	489.01	0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	2637.5*		380.46	122.55	125.68		125.71	0.005942	1.34	284.97	486.80	0.31
RIVER-2	Reach-1	2550.*	Max WS Max WS Max WS	381.56	122.07	125.39		125.42	0.006600	1.38	276.13	484.62	0.32
RIVER-2	Reach-1	2462.5*	Max WS	382.66	121.58	125.16		125.18	0.004997	1.30	293.48	455.93	0.29
RIVER-2	Reach 1	23/3 2270 16*	Max WS	383.//	121.10	124.89		124.91	0.004237	1.28	299.08 201.74	42U.31 452 27	0.27
RIVER-2 RIVER-2	Reach-1	2183 33*	Max WS Max WS	386 19	121.07	124.33		124.02	0.003104	1 25	309 77	512 90	0.23
RIVER-2	Reach-1	2087.5*		387.40	121.00	124.14		124.16	0.003738	1.13	341.84	527.44	0.25
RIVER-2	Reach-1	1991.66*	Max WS	388.60	120.97	123.87		123.89	0.003670	1.12	345.76	532.81	0.25
RIVER-2 RIVER-2 RIVER-2	Reach-1	1895.83*	Max WS	389.79	120.93	123.60		123.62	0.003728	1.13	345.59	535.95	0.25
RIVER-2	Reach-1	1800	Max WS	390.98	120.90	123.41		123.43	0.002548	1.00	392.34	550.68	0.21
RIVER-2	Reach-1	1/05.*	Max WS	392.10	120.43	123.25		123.27	0.002330	1.13 1.12 1.13 1.00 0.99 1.03	341.84 345.76 345.59 392.34 395.64 380.96	323.32 404 11	0.20 0.21
RIVER-2 RIVER-2	Reach-1	1515 *	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	393.34	126.40 126.10 125.50 125.50 124.20 124.60 124.30 123.52 123.03 122.07 121.58 122.07 121.00 121.00 120.97 120.93 120.90 120.43 119.95 119.47 119.00 118.62 117.85 117.85	122.79		122.81	0.002403	1.13	348.83	474.94	0.21
RTVFR-2	Reach-1	1420	Max WS	395.69	119.00	122.49		122.52	0.003824	1.25	320.11	455.75	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	1324.61*	Max WS	395.67	118.62	122.16		122.19	0.003783	1.24	322.23	460.53	0.25
RIVER-2	Reach-1	1229.23*	Max WS	395.67	118.23	121.83		121.86	0.004052	1.26	316.93	463.11	0.26
RIVER-2	Reach-1	1133.84*	Max WS	395.64	117.85	121.53		121.55	0.004135	1.27	315.92	461.95	0.26
RIVER-2 RIVER-2	Reach 1	1038.46"	Max WS	393.62	117.46	121.19		121.22	0.004062	1.33	304.04 288 37	470.03	0.27
RIVER-2	Reach-1	847.692*		395.59	116.69	120.49		120.57	0.003994	1.50	279.16	359.13	0.27
RIVER-2	Reach-1	752.307*	Max WS	395.56	116.31	120.11		120.15	0.004141	1.03 1.13 1.25 1.24 1.26 1.27 1.35 1.44 1.50	380.96 348.83 320.11 322.23 316.93 315.92 304.04 288.37 279.16 260.88	484.62 455.93 420.31 452.27 512.90 527.44 532.81 535.95 550.68 523.52 494.11 474.94 455.75 460.53 463.11 461.95 470.05 424.76 359.13 310.40	0.28
RTVFR-2	Reach-1 Reach-1	3700.* 3600.* 3500.* 3500.* 3400.* 3300.* 3100.* 3100.* 3000.* 2900 2812.5* 2725.* 2637.5* 2462.5* 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.* 1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 366.153* 370.769* 275.384* 180 372 371.* 370. 369.* 369.* 369.* 368.*	Max WS Max WS	395.55	116.31 115.92 115.54 115.15 114.77 114.38 114.00 206.95 204.98 203.00 201.50 200.00 199.00 198.00 196.50 195.00	119.74		119.78	0.004512	1.71 1.75 1.76 1.76	246.28	282.49 256.89 233.46	0.29
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	561.538*	Max WS	395.54	115.54	119.42		119.46	0.004321	1.75	241.16	256.89	0.29
RIVER-2	Reach-1	466.153*	Max WS	395.46	115.15	119.13		119.17	0.003809	1.76	241.36	233.46	0.28
RIVER-2	Reacn-1	3/0./69*	Max WS Max WS Max WS Max WS	395.17	114.// 11/ 20	118.60		118.91	0.003246	1.70	241.00	200.33 153.06	0.20
DIVER-1	Reach-1	180	Max WS	392.18	114.00	118.01		118.35	0.002333	1.82 2.27 4.98 5.87	172.93	99.35	0.30
RIVER-1	Reach-1	372	Max WS	40.81	206.95	207.54	207.66	207.93	0.088020	4.98	8.19	26.97	1.59
RIVER-1	Reach-1	371.*	Max WS	40.80	204.98	205.59	205.76	206.13	0.103345	5.87	6.95	20.09	1.76
RIVER-1 RIVER-1 RIVER-1	Reach-1	370	Max WS	40.77	203.00	203.80	202 20	203.98	0.021474	3.40 3.78 2.59 2.76	11.98	24.12	0.85
RIVER-I	Reach-1	369.*	Max WS	42.42	201.50	202.32	202.29	202.54	0.0264//	3./8	11.22 17.05	22.38 28.82	0.95
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	367 *	Max WS	44.12 45.86	199 00	201.08		201.19	0.003671	2.76	16.64	26.98	0.62
RTVFR-1	Reach-1	366	Max WS	47.66	198.00	199.06		199.20	0.011417	3.04	17.42	60.55	0.65
RIVER-1	Reach-1	366 365.* 364	Max WS	49.45	196.50	197.57	197.51	197.79	0.020899	3.71	13.55	30.24	0.86
KIVEK-I	Reach-1	364	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	51.26	195.00	196.48	405.40	196.56	0.006037	3.04 3.71 2.37 3.44 5.03 2.63	25.97	52.32	0.48
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	363.*		52.49	194.14	195.15	195.12 193.96	195.33	0.021881	3.44	16.44 10.67	49.62	0.86 1.61
RIVER-1	Reach-1	362 361.*	Max WS Max WS Max WS	53.69 45.15	193.28 192.51 191.75 190.38 189.00	193.83	193.96	194.23	0.090326	2 63	10.07	50.20 50.83	0.80
RIVER-I	Reach-1	360	Max WS Max WS	56.02	191.75	192.11	192.27	192.83	0.461169	6.81	8.23	58.71	3.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	359.*	May WS	56.49	190.38	191.18		191.29	0.027867	6.81 2.61 1.53 2.65	21.65	79.32	0.88
RIVER-1	Reach-1	358 357.*	Max WS Max WS Max WS Max WS	59.46	189.00	190.23		190.27	0.006266	1.53	38.92	103.82	0.44
RIVER-1	Reach-1	357.*	Max WS	60.73	188.00 187.00 186.00 185.00	189.05		189.15	0.017423	2.65	22.94	57.73	0.74
RIVER-1	Reach-1	356 355.*	Max WS	61.96	187.00	187.92		188.01	0.008160	2.36	26.22	44.25 50.63	0.34
RIVER-1	Reach 1	355.* 354	Max WS	63.29	185.00	186 45		186 53	0.000228	2 38	27 15	55.77	0.60
RIVER-1 RIVER-1 RIVER-1	Reach-1	353.*	Max WS Max WS Max WS Max WS	66.98	184.06	185.27		185.33	0.015125	1.95 2.38 2.01 1.21	33.28	206.33 153.06 99.35 26.97 20.09 24.12 22.58 28.82 26.98 60.55 30.24 52.32 49.62 35.26 50.83 55.77 79.32 103.82 57.73 44.25 59.63 55.77 113.76 225.08 132.99 84.12	0.27 0.26 0.25 0.24 0.26 0.31 0.29 0.29 0.25 0.25 0.21 0.25 0.25 0.27 0.28 0.27 0.28 0.27 0.28 0.29 0.27 0.28 0.27 0.28 0.27 0.28 0.27 0.28 0.29 0.27 0.28 0.29 0.27 0.28 0.29 0.27 0.28 0.29 0.27 0.28 0.29 0.29 0.28 0.29 0.29 0.29 0.28 0.29 0.29 0.28 0.29 0.29 0.29 0.29 0.29 0.29 0.29 0.29
RIVER-1	Reach-1	353.* 352 351.*	Max WS	63.83	183.12	184.24		184.26	0.007366	1.21	52.71	225.08	0.44
RIVER-1 RIVER-1 RIVER-1	Reach-1	351.*	Max WS	71.97	181.56	183.23		183.28	0.012426	1.83	39.24	132.99	0.59
RIVER-1	Reach-1	350	Max WS	74.60	180.00	182.22		182.28	0.008405	1.98	37.60	84.12	0.52
RIVER-1	Reach-1	349.*	Max WS	77.00	179.00	181.42		180 63 181.20	0.00/664	2.30 2.11	33.3U 37.68	55.83 59.47	0.32 0.47
KTAFK-T	Reach-1	348 347.*	Max WS Max WS Max WS	/9.49 go 12	1/8.00 177 50	180.76 180.10		180.03	0.000036	2.10	37.00 39.16	59.78	0.46
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	347."	Max WS Max WS	84.79	184.06 183.12 181.56 180.00 179.00 178.00 177.50	179.50		179.59	0.007680	2.41	35.23	54.89	0.53
RIVER-1	Reach-1	346 345.*	Max WS	363.40 364.78 367.55 368.93 371.66 373.03 371.66 373.03 374.38 375.08 379.34 380.46 381.56 382.66 383.79 384.99 389.98 389.99 389.56 389.39 395.66	1/0.30	Kitec 129.15 128.59 128.59 128.31 128.59 128.31 127.77 127.50 127.70 127.23 126.97 126.72 126.49 126.30 126.02 125.39 125.16 124.59 124.59 124.59 124.59 124.59 124.59 124.14 123.87 123.41 123.25 123.05 122.79 122.49 122.16 121.83 121.53 121.19 120.84 120.49 120.11 119.74 119.42 119.18 120.5 120.84 120.49 120.11 119.74 119.42 119.13 118.86 120.49 120.11 119.74 119.42 119.13 118.86 118.61 118.61 118.61 118.74 120.49 120.11 119.74 120.84 120.49 120.11 119.74 119.42 119.13 118.86 118.61 118.61 118.87 120.84 120.49 120.11 119.74 120.85 120.85 120.		129.16 128.89 128.33 128.06 127.79 127.52 127.26 127.70 126.75 126.52 126.32 126.04 125.71 125.18 124.96 123.42 124.38 124.16 123.89 123.62 123.43 123.62 123.12 124.96 125.18 124.18 124.18 124.18 124.18 124.18 124.18 124.18 123.62 123.89 123.62 123.89 123.62 123.89 123.62 123.89 123.62 123.89 123.62 123.89 123.62 123.97 123.96 122.81 122.81 122.81 122.81 122.81 122.81 122.81 122.82 120.52 120.15 119.78 119.17 118.96 129.27 120.15 119.78 119.17 118.96 119.17 118.96 119.17 118.96 119.17 118.96 119.17 118.91 118.35 207.93 199.20	0.004368 0.004725 0.0044725 0.0044554 0.004406 0.004255 0.004112 0.003947 0.003209 0.003281 0.004512 0.006600 0.004997 0.004997 0.005104 0.004971 0.003738 0.002548 0.002330 0.002548 0.002330 0.002548 0.002330 0.0024637 0.003728 0.002548 0.002548 0.002330 0.004610 0.004971 0.003824 0.003783 0.00462 0.004135 0.004062 0.004135 0.004062 0.004135 0.004062 0.004135 0.004062 0.004135 0.004062 0.004135 0.004062 0.004135 0.004062 0.004135 0.004162 0.004161 0.004971	2.30 2.25	246.28 241.36 241.36 241.60 225.24 172.93 8.19 6.95 11.98 11.22 17.05 16.64 17.42 13.55 25.97 16.44 10.67 17.15 8.23 21.65 38.92 22.94 26.22 32.44 27.15 33.28 52.71 39.26 33.50 37.60 33.50 37.68 35.23 37.91 39.83	47.63	0.46 0.53 0.45 0.46
RIVER-1	Reach-1	344	Max WS	89.49	176.00	178.35		178.43	0.005397	2.25	39.83	52.77	0.46

RIVER-1	Reach-1	343.*	Max WS	92.90	175.50	177.84	reek.rep	177 03	0.005154	2.41	38.57	44.50	0.46
RIVER-1	Reach-1	342	Max WS	96.35 99.11 101.73 104.65	175 00	177 27		177.93	0.004561 0.004547 0.002132	2.36	40 86	44.49	0.43
RIVER-1	Reach-1 Reach-1 Reach-1	341.*	Max WS	99.11	174.90	176.95		177.01	0.004547	1.96	50.50	72.52	0.43
RIVER-1	Reach-1	340	Max WS	101.73	174.90 174.80	176.66		176.68	0.002132	1.28	50.50 79.65	123.56	0.28
RIVER-1	Reach-1	339.*	Max WS	104.65	174.55	177.37 176.95 176.66 176.05 175.57 175.23 174.78 174.47		176.11	0.009923	2.07	50.56	120.64	0.41 0.28 0.56
RIVER-1	Reach-1 Reach-1	338	Max WS	107.40	174.30	175.57		175.61	0 004267	1.55	69.25 61.27 63.80	135.38 115.98	() XX
RIVER-1	Reach-1	337.*	Max WS	109.73	173.65	175.23		175.28	0.005451 0.004076 0.002407	1.79	61.27	115.98	0.43 0.39
RIVER-1	Reach-1	336	Max WS	112.03	173.00 172.50	174.78		174.83	0.004076	1.76	63.80	99.97	0.39
RIVER-1	Reach-1	335.*	Max WS	114.14	172.50	174.47		174.51	0.002407	1.63	70.23	83.21	0.31
RIVER-1	Reach-1	334	Max WS	116.26	172.00	174.13		174.22	0 003697	2.33	50.31	55.27	0.40
RIVER-1 RIVER-1	Reach-1	333.*	Max WS Max WS	118.86	171.60	1/3./8		1/3.86	0.003539	2.29	51.88	48.93	0.39
KIVER-I	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	332 331.*	Max WS	109.73 112.03 114.14 116.26 118.86 121.45 123.84 126.21 128.74 131.26 133.71 136.15 138.83 141.49 143.14 144.82 146.47 148.08	171.19	173.40		1/3.48	0.003539 0.003970 0.003504	2.33 2.17	51.88 52.18 57.00 61.78	52.36	0.39 0.41 0.39
RIVER-1 RIVER-1	Reach-1	331."	Max WS	125.04	171.10 171.00	173.04		173.11	0.003504	2.04	57.00 61.78	57.89 70.09	0.39
RIVER-1	Reach-1	330 *	Max WS Max WS Max WS Max WS	120.21	170.50	172.09		172.70	0.003586 0.003458 0.004119 0.009642 0.005112 0.006649 0.004099	2.09	61.76	65.90	0.38
RIVER-1	Reach-1	329.* 328 327.*	Max WS	131.26	170.00	171.95		172.03	0.003430	2 29	57.30	60.33	0.41
RIVER-1	Reach-1	327.*	Max WS	133.71	169.50	171.20		171.38	0.009642	3.38	44.53	97.64	0.63
RIVER-1	Reach-1	326	Max WS	136.15	169.50 169.00	170.57		170.66	0.005112	2.79	61.69 57.30 44.53 74.52 72.79	137.97	0.47 0.53
RTVFR-1	Reach-1	325.*	Max WS	138.83	168 50	169.98		170.09	0.006649	3.01	72.79	144.38	0.53
RIVER-1	Reach-1	324	Max WS	141.49	168.00	169.50		169.55	0.004099	2.46	1014 44	197.83	0.42
RIVER-1	Reach-1	323.*	Max WS Max WS	143.14	167.02	169.12		169.21	0.004825	2.44	69.94	196.24	0.45
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	323.* 322 321.*	Max WS	144.82	168.00 167.02 166.04 166.02	168.79		168.85	0.002826	1.85	69.94 78.42 42.68 123.89	86.02 53.45 252.44	0.45 0.34 0.68
RIVER-1	Reach-1	321."	Max WS Max WS	140.47 148 08	166.00	167.53		167 57	0.011030	3.43 2.67	123 89	252 44	0.00
RTVFR-1	Reach-1	319.*	Max WS	149.00	166.00	174.13 173.78 173.40 173.04 172.69 172.34 171.95 171.20 170.57 169.98 169.50 169.12 168.79 168.00 167.53		167.37	0.002826 0.011636 0.004464 0.002112	1.53	144.48	363.94	0.44 0.29
RIVER-1	Reach-1	318	Max WS	150.72	166.00	167.13		167.15	0.002295	1.32	134.58	108 10	0.29
RIVER-1	Reach-1	317.*	Max WS Max WS	152.11	165.50	166.93 166.44		166.95	0.002295 0.002157 0.007834 0.006738 0.002525	1.14	134.58 137.82	335.16 171.55 140.83 232.62	0.29 0.25 0.42
RIVER-1	Reach-1	316	Max WS	153.51	165.50 165.00	166.44		166.48	0.007834	1.71	89.84 82.36	171.55	0.42
RIVER-1	Reach-1	315.*	Max WS	156.08	164.50	165.71 165.27		165.77	0.006738	1.90	82.36	140.83	0.44 0.33
RIVER-1	Reach-1	314	Max WS	158.57	164.00	165.27		165.32	0.002525	1.84	110.32	232.62	0.33
RIVER-1 RIVER-1	Reach-1	313.*	Max WS Max WS Max WS	160.89	163.50 163.00	164.91		164.99		2.46 1.96	93.33 157.98	239.79 350.06	0.44 0.35
RIVER-1 RIVER-1	Reach-1	312 311.*	Max WS	165.10	162.50	164.00		164.03	0.003004	3.03	93 12	216.57	0.56
RIVER-1	Peach-1	310	Max WS	167 77	162.00	163 65		163 69	0.003004 0.007518 0.002360 0.009764	1.99	93.12 144.73 59.50	227.08	0.32
RIVER-1	Reach-1	309.*	Max WS	167.73	161.26	163.10	162.84	163.28	0.002364	3.47	59.50	244.32	0.64
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	308	Max WS	149. 40 150.72 152.11 153.51 156.08 158.57 160.89 163.16 167.77 167.73 167.70 168.79 170.24 171.19 172.44 173.95 176.04 177.09 178.36 179.43 180.60	160.51	164.91 164.60 164.08 163.65 163.10	202101	162.78		1.56	146.61	244.32 163.47 333.29	0.32 0.64 0.24
RIVER-1	Reach-1	307.*	Max WS Max WS	168.10	159.76	162.54		162.62	0.002993	2.31	93.06 74.84	333.29	0.37
RIVER-1	Reach-1	306	Max WS	168.79	159.00	162.12		162.27	0.006257	3.11	74.84		0.52
RIVER-1	Reach-1	305.*	Max WS	170.24	159.50	161.63		161.76	0.006666	2.90	82.10	438.81	0.53
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	304	Max WS	1/1.19	160.00	162.75 162.75 162.12 161.63 161.37 161.24 161.14 160.86 160.50 160.26		161.39	0.002993 0.006257 0.006666 0.001687 0.001497 0.000844	1.47	235.42	438.81 690.04 650.34 645.65 135.47 223.78 135.34 150.08 403.29	0.53 0.27 0.25 0.19 0.41
RIVER-1	Reach-1	303.* 302	Max WS	172.44	159.50 159.00	161.24		161.26	0.001497	1.37 1.06	189.06	645 65	0.23
RIVER-1	Reach-1	302 301	Max WS Max WS	176.93	158.00	160.86		160.10	0.000844	1.90	194.39 92.55 109.00	135.47	0.13
RIVER-1	Reach-1	300	Max WS	177.09	158.00	160.50		160.61	0.004387 0.003854 0.002180 0.002378	3.10	109.00	223.78	0.43
RIVER-1	Reach-1 Reach-1	299.*	Max WS	178.36	158.31	160.26		160.32	0.002180	3.10 1.94 1.63	100.24 110.55 202.27 272.31	135.34	0.31
RIVER-1	Reach-l	298	Max WS	179.43	158.62	160.06		160.10	0.002378	1.63	110.55	150.08	0.31
RIVER-1	Reach-1	297	Max WS	180.60	158.00			159.90	0.001733 0.000782	2.03	202.27	403.29	0.29
RIVER-1	Reach-1	296 295	Max WS	181.95	158.00	159.77 159.73 159.55 159.26 159.00		159.79	0.000782	1.24	2/2.31	300.02	0.43 0.31 0.31 0.29 0.19 0.11
RIVER-1	Reach-1	295	Max WS	183.99	158.00 158.01	159./3		159./3	0.000278	0.72 2.14	402.48	546.12 196.33	0.11
RIVER-1	Reach-1	294 293.*	Max WS Max WS	188 26	157.51	159.33		159.01	0.000278 0.002918 0.002853 0.0028581	1.94	118.19 108.62 111.22	182.31	0.35
RIVER-1 RIVER-1 RIVER-1	Reach-1	292	May WC	190.52	157.00	159.00		159.04	0.002581	1.71	111.22	182.31 128.30 157.36	0.35 0.32 0.26
RTVFR-1	Reach-1	291.* 290 289	Max WS Max WS Max WS	192.77	157.07	158.80 158.57 158.38 158.32 158.28		158.83	0.001638	1.38	139.19	157.36	0.26
RIVER-1	Reach-1	290	Max WS	193.44	157.13 157.00	158.57		158.60	0 002035	1.55	124.87	184.80	0.33
RIVER-1	Reach-1	289	Max WS	193.49	157.00	158.38		158.40	0.001227 0.000288 0.000518 0.000837	1.30	223.07	435.35	0.23
RIVER-1	Reach-1	288	Max WS	194.85	156.00	158.32		158.32	0.000288	0.94	429.02	509.09	0.12
RIVER-1 RIVER-1	Reach-1	287.*	Max WS	196.69	156.00	158.28		158.29	0.000518	1.27	342.58 282.02	466.40 418.97	0.16
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	286 285.*	Max WS Max WS	181.95 183.99 185.94 188.26 190.52 192.77 193.44 193.49 194.85 196.69 198.68 199.46 200.26 201.70 203.13 205.10 207.02 208.92 210.85	156.00	158.21 158.05 157.68 157.34 157.12		150.23 150.16	0.000837	1.63 2.71	282.02 100.40	418.97 164.76	0.21 0.36 0.39 0.33 0.31
RIVER-1	Reach-1	285.*	Max WS	199.40 200.26	155.50 155.00	138.U3 157.69		130.10 157 RO	0.003234	2.71	71.18	44.46	0.30
RIVER-1	Reach-1	284 283.*	Max WS Max WS	200.20	154.75	157 34		157.42	0.002876	2.20	91 75	44.46 65.82	0.33
RTVER-1	Reach-1	282	Max WS	203.13	154.50	157.12		157.18	0.002174	1.95	107.66	140.43	0.31
RIVER-1 RIVER-1 RIVER-1	Reach-1	281.*	Max WS	205.10	154.25	156.90		156.95	0.004857 0.002876 0.002174 0.002388	1.86	107.66 110.11 100.12 85.29	104.59	0.32
RIVER-1		281.* 280 279.*	Max WS	207.02	154.25 154.00	156.59		156.65	0.003712	2.07	100.12	112.95	0.39 0.43 0.45
RIVER-1	Reach-1	279.*	Max WS	208.92	153.25	156.17		156.26	0.004243	2.45	85.29	82.93	0.43
RIVER-1	Reach-1	278	Max WS	210.85	152.50	156.90 156.59 156.17 155.71 155.36		155.84	0.003712 0.004243 0.004296 0.004084	2.98	/0.86	51.45 91.64	0.45 0.37
RIVER-1	Reach-1	277.*	Max WS	212.30 213.73 215.63	152.45	153.36		177. 93 177. 93 177. 01 176. 68 176. 1.1 175. 28 174. 83 174. 83 174. 22 173. 86 173. 1.1 172. 76 172. 40 172. 03 171. 38 170. 69 169. 55 169. 55 168. 18 167. 57 166. 48 167. 57 166. 28 167. 15 166. 92 161. 26 161. 16 162. 62 163. 28 162. 77 165. 39 164. 63 165. 77 165. 99 164. 63 165. 77 165. 99 169. 55 169. 55 169. 55 169. 55 169. 55 169. 55 169. 55 169. 55 169. 55 169. 57 167. 15 166. 98 167. 15 166. 99 161. 26 161. 16 160. 32 160. 61 159. 90 159. 73 159. 61 159. 90 159. 73 159. 61 158. 83 158. 80 158. 82 158. 83 158. 60 158. 83 158. 84 157. 42 157. 43 158. 40 157. 42 157. 42 1	0.004084	2.19	97.14 105.56	125.32	0.37
RIVER-1	Reach-1	276 275.*	Max WS	215./3 215.62	152.40 151.90	154.89 154.38		154.95 154.44	0.005858 0.004926	2.02 1.97	103.36	119.48	0.39
RIVER-1	Reach-1	2/3."	Max WS	413.03	131.90	134.30		134.44	0.004340	1.31	105.07	113.70	0.50

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No. No.							KiteC	reek.rep						
EVER-1 Reach-1 271		Reach-1	274		217.43	151.40	154.03	•	154.08	0.003013	1.68	130.49	171.51	0.29
EVER-1 Reach-1 771 * Max 86 221.43 101.68 123.66 123.68 0.00329 1.22 276.70 27.00 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0	RIVER-1	Reach-1	273.*	Max WS	218.54	151.30	153.84		153.87	0.001689	1.39	1/1.52	225.66	0.22
ELVER-1 Reach-1 270 ** Max WS 221.18 150.50 153.17 153.43 0.003588 1.59 110.02 112.50 0.32	RIVER-1	Reach-1	2/2	Max WS	219.71	151.20	153./5		153.76	0.000610	0.96	260.84	245.09	0.14
ALVER-1 Seach-1 269 * Max No 221,06 150,12 152,59 153,04 0.00374 1.52 116.18 106.59 0.12 116.18 106.59 0.12 116.18 116.18 106.59 0.12 116.18 116.18 106.59 0.12 116.18 11	RIVER-1	Reach-1	271."	Max WS	220.43 221 18	150.65	153.05		153.00	0.001329	1.24	116 02	247.06 112 90	0.20
EVER-1 Reach-1 768. * Max No. 224.53 149.55 122.62 122.68 0.000514 1.96 114.69 99.36 0.12	RTVER-1	Reach-1	269.*	Max WS	223.06	150.12	152.99		153.04	0.003754	1.92	116.18	106.99	0.32
EVER-1 Reach-1 267 * MAN WS 224.04 149.03 122.24 112.31 0.003754 2.08 199.28 89.40 0.33 EVER-1 Reach-1 266 * MAN WS 224.04 145.05 1150.76 1150.91 0.005918 2.79 88.11 150.14 0.42 EVER-1 Reach-1 264 * MAN WS 224.05 1150.76 1150.76 1150.91 0.005918 2.79 88.11 150.16 1.6 1.6 0.42 EVER-1 Reach-1 261 * MAN WS 224.05 1150.76 1150.91 0.005918 2.79 88.11 150.15 0.42 EVER-1 Reach-1 261 * MAN WS 224.05 1150.76 1150.91 0.005918 2.79 88.11 150.15 0.42 EVER-1 Reach-1 261 * MAN WS 224.05 1150.91 150.91 0.005918 2.79 88.11 150.15 0.42 EVER-1 Reach-1 261 * MAN WS 224.10 116.71 149.03 119.10 0.005918 2.70 113.75 0.11 150.91 0.005918 2.79 88.11 150.91 0.005918 2.79 88.11 150.15 0.42 EVER-1 Reach-1 261 * MAN WS 224.10 116.71 149.03 119.10 0.006918 2.00 115.56 1113.79 0.36 EVER-1 Reach-1 261 * MAN WS 224.10 146.71 149.03 119.10 0.00693 2.00 115.56 1113.79 0.36 EVER-1 Reach-1 261 * MAN WS 224.10 146.71 149.03 119.10 0.00693 2.00 115.56 1113.79 0.36 EVER-1 Reach-1 258 * MAN WS 224.10 146.00 147.73 147.75 0.003977 2.10 147.77 149.10 0.36 EVER-1 Reach-1 258 * MAN WS 224.03 145.00 147.45 0.147.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 Reach-1 255 * MAN WS 224.03 145.50 147.45 0.147.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.03 145.50 144.50 147.50 147.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 146.50 147.45 0.147.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 146.50 146.50 146.50 0.00482 2.14 144.31 129.57 0.37 EVER-1 REACH-1 255 * MAN WS 224.00 144.50 144.50 144.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 144.50 144.50 144.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 144.50 144.50 144.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 144.50 144.50 144.50 0.003977 2.10 147.77 149.10 0.35 EVER-1 REACH-1 255 * MAN WS 224.00 144.50 144.50 144.50 0.003977 2.10 144.77 144.50 0.003977 2.10 144.50 0.003977 2.10 144.50 0.003977 2.10 144.50 0.003977 2.10 144.50 0.003977 2.10 144.50 0.003977 2.10	RTVFR-1	Reach-1	268.*	Max WS	224.93	149.75	152.62		152.68	0.003614	1.96	114.69	99.36	0.32
ELYER-1 Reach-1 266 Max WS 228, 68 146, 00 151, 77 151, 87 0,005134 2,47 92,46 773, 92 0,39 174, 175 174, 175 174, 175 175	RIVER-1	Reach-1	267.*	Max WS	226.80	149.38	152.24		152.31	0.003754	2.08	109.28	89.40	0.33
EXYMPR-1 Reach-1 265.* Max Ms 230.33 1446.65 131.31 131.40 0.004080 2.39 96.50 68.12 0.35 PART PART PART PART PART PART PART PART	RTVFR-1	Reach-1	266	Max WS	228.68	149.00	151.77		151.87	0.005191	2.47	92.46	73.92	0.39
RYPER-1 Reach-1 262 MAY 16 231.08 148.25 130.78 120.78 120.77 187.08 1.0.00833 2.79 88.10 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	RIVER-1	Reach-1	265.*	Max WS	230.35	148.62	151.31		151.40	0.004080	2.39	96.50	68.12	0.35
RIVER-1 Reach-1 600	RIVER-1	Reach-1	264	Max WS	232.02	148.25	150.78		150.91	0.005918	2.79	83.11	61.16	0.42
RYMPH-1 Reach-1 261	RIVER-1	Reach-1	263.*	Max WS	233.85	147.84	150.19		150.27	0.0068/3	1.02	102.80	113.33 163.16	0.42
RIVER-1 Reach-1 200 Max WS 240,70 146,00 148,61 148,67 0.003342 2.27 137,72 171,42 0.33 RIVER-1 Reach-1 259, ** Max WS 240,70 146,00 146,05 147,43 10.003527 3.50 75,27 137,62 0.36 N. RIVER-1 Reach-1 259, ** Max WS 241,02 145,50 147,43 147,50 147,43 0.00527 2.11 137,22 277,57 0.38 RIVER-1 Reach-1 257, ** Max WS 241,02 145,50 147,43 147,50 147,43 0.00527 2.11 137,22 277,57 0.38 RIVER-1 Reach-1 253, ** Max WS 244,02 145,50 147,47 147,43 0.00527 2.11 137,22 277,57 0.38 RIVER-1 Reach-1 254, ** Max WS 244,02 145,50 147,47 0.00 144,17 147,43 0.00527 2.11 137,22 277,57 0.38 RIVER-1 Reach-1 254, ** Max WS 244,02 145,50 147,47 0.00 145,99 146,00 0.003065 1.88 139,27 277,57 0.38 RIVER-1 Reach-1 254, ** Max WS 244,02 145,50 147,43 0.00 145,10 0.00 146,00 0.007474 2.50 88,90 103,15 0.45 RIVER-1 Reach-1 251, ** Max WS 247,09 143,00 145,10 145,99 146,00 0.007474 2.50 88,76 131,86 10.55 RIVER-1 Reach-1 251, ** Max WS 247,09 143,00 145,10 145,99 146,00 0.007474 2.50 88,76 131,86 10.55 RIVER-1 Reach-1 251, ** Max WS 251,00 144,77 144,18 144,77 0.004667 2.54 142,10 254,00 0.55 RIVER-1 Reach-1 251, ** Max WS 251,00 144,77 144,18 144,77 0.004667 2.54 142,10 254,00 0.55 RIVER-1 Reach-1 251, ** Max WS 251,00 144,77 144,18 144,77 0.004667 2.54 142,10 254,00 0.55 RIVER-1 Reach-1 251, ** Max WS 251,00 144,77 144,18 144,77 0.004667 2.54 142,10 254,00 0.55 RIVER-1 Reach-1 251, ** Max WS 252,59 141,70 143,50 143,50 0.00383 1.59 3.30 217,59 446,30 0.55 RIVER-1 Reach-1 254, ** Max WS 255,59 144,70 143,50 143,50 0.00383 1.59 3.30 217,59 446,30 0.55 RIVER-1 Reach-1 254, ** Max WS 255,59 144,70 143,50 143,50 0.00383 1.59 3.30 217,59 446,30 0.55 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max WS 256,52 RIVER-1 Reach-1 254, ** Max	KTAFK-T	Reach-1	202 261 *	Max WS	233.07	147.43	149.37		149.03	0.000083	2.06	115 56	113 79	0.39
RIVER-1 Reach-1 259 * Max WS 241.09 146.00 147.73 148.25 2.50 0.09557 3.50 75.23 84.81 0.54 MINERAL REACH-1 258 * Max WS 244.62 146.00 147.73 147.75 0.005377 2.10 147.73 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.005377 2.10 147.75 0.00537 2.10 147	RTVER-1	Reach-1	260	Max WS	240.70	146.00	148.61		148.67	0.003542	2.27	137.72	171.42	0.33
RIVER-1 Reach-1 258 Max WS 241.48 146.00 147.73 147.75 0.003377 2.10 147.77 182.68 0.32 RIVER-1 Reach-1 257." Max WS 241.03 144.02 144.03 146.60 147.60 147.50 0.003697 1.81 137.28 127.00 0.32 RIVER-1 Reach-1 255." Max WS 245.69 144.50 146.61 146.61 146.60 0.003697 1.81 137.28 127.00 0.37 RIVER-1 Reach-1 255." Max WS 245.69 144.50 146.61 146.62 0.003697 1.81 137.28 127.00 0.37 RIVER-1 Reach-1 255." Max WS 245.69 144.50 146.61 146.62 0.003697 1.81 137.28 128.80 103.15 0.045 127.00 0.37 RIVER-1 Reach-1 257." Max WS 245.09 142.00 144.50 146.62 0.003697 1.20 148.57 0.037 RIVER-1 Reach-1 257." Max WS 249.09 142.00 144.62 144.63 0.00373 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.63 0.003740 1.20 146.75 146	RIVER-1	Reach-1	259.*	Max WS	241.09	146.00	148.05		148.23	0.009552	3.50	75.23	84.81	0.54
RIVER-1 Reach-1 27. " Max WS 243.02 145.50 147.55 147.50 0.003065 1.88 1197.28 226.08 0.30 RIVER-1 Reach-1 256 " Max WS 246.85 144.00 145.99 146.09 0.007474 2.50 98.92 103.15 0.45 RIVER-1 Reach-1 254 " Max WS 246.85 144.00 145.99 146.09 0.007474 2.50 98.92 103.15 0.45 RIVER-1 Reach-1 251 " Max WS 246.85 144.00 145.99 146.09 0.007474 2.50 98.92 103.15 0.45 RIVER-1 Reach-1 251 " Max WS 246.85 144.00 145.99 146.09 0.007474 2.50 98.92 103.15 0.45 RIVER-1 Reach-1 251 " Max WS 251.90 141.75 144.18 144.77 0.000473 2.51 88.76 135.86 0.51	RIVER-1	Reach-1	258	Max WS	241.48	146.00	147.73		147.78	0.003377	2.10	147.77	182.68	0.32
RAVER-1 Reach-1 256 Max WS 244-53 145-00 147-07 147-187 0.005299 2.111 137-09 2.75 0.85 Reach 1254 Max WS 246-85 144-00 145-199 146-09 0.007474 2.50 189.92 103.15 0.45 Reach 1254 Max WS 247-99 143.00 145-12 145-25 0.009470 2.91 88.76 135.86 0.51 RAVER-1 Reach-1 253 Max WS 247-99 143.00 145-12 145-25 0.009470 2.91 140.75 180.01 0.32 Reach 125 No. 180-187 145-187 14	RIVER-1	Reach-1	257.*	Max WS	243.02	145.50	147.45		147.50	0.003065	1.88	159.28	216.08	0.30
RIVER-1	RIVER-1	Reach-1	256	Max WS	244.53	145.00	147.07		147.13	0.005297	2.11	137.20	277.52	0.38
RIVER-1 Reach-1 253.* Max WS 249.99 143.00 145.12 145.25 0.009470 2.91 88.76 135.86 0.51 RIVER-1 Reach-1 251.* Max WS 249.09 142.00 144.62 144.62 145.62 0.003373 2.91 140.75 180.01 0.32 RIVER-1 Reach-1 251.* Max WS 251.90 141.75 144.18 144.77 0.004577 2.54 132.10 234.00 0.33 RIVER-1 Reach-1 251.* Max WS 251.90 141.75 144.18 144.77 0.004577 2.54 132.10 234.00 0.33 RIVER-1 Reach-1 249.* Max WS 251.93 141.00 143.50 143.60 0.004373 2.26 154.07 371.43 0.0057 2.20 RIVER-1 Reach-1 248.* Max WS 251.93 141.00 143.50 143.50 0.00453 2.26 154.07 371.43 0.0057 2.20 RIVER-1 Reach-1 248.* Max WS 251.93 141.00 143.50 143.50 143.50 143.51 143.60 0.00450 1.91 149.88 140.00 140	RIVER-1	Reach-1	255.**	Max WS	245.69	144.50	146.61		146.68	0.004882	2.14	124.31	183.3/	0.37
RIVER-1 Reach-1 252	DIVED-1	Reach-1	234 253 *	Max WS	240.03	144.00	145.33		145.25	0.007474	2.91	88.76	135.86	0.51
RIVER-1 Reach-1 251.* Max WS 251.90 141.75 144.18 144.27 0.004567 2.54 132.10 254.00 0.37 RIVER-1 Reach-1 230 ** Max WS 254.61 144.50 144.50 143.82 134.65 0.002478 1.99 127.59 426.30 0.25 RIVER-1 Reach-1 244.* Max WS 257.73 144.00 143.30 146.67 0.004453 2.26 139.67 371.43 0.25 RIVER-1 Reach-1 246.* Max WS 259.76 140.75 142.71 142.72 0.000982 1.31 199.53 303.89 0.31 RIVER-1 Reach-1 246.* Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 1274.48 277.18 0.18 RIVER-1 Reach-1 243.* Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 1274.48 277.18 0.18 RIVER-1 Reach-1 243.* Max WS 263.36 139.50 144.71 142.72 0.000982 1.31 1274.48 277.18 0.18 RIVER-1 Reach-1 244.* Max WS 263.36 139.50 144.75 142.71 142.72 0.000982 1.31 1274.48 277.18 0.18 RIVER-1 Reach-1 241.* Max WS 265.01 140.00 141.89 144.97 0.003575 2.54 141.97 178.97 0.34 RIVER-1 Reach-1 241.* Max WS 266.01 140.00 141.86 141.97 0.003575 2.54 141.97 178.97 0.34 RIVER-1 Reach-1 241.* Max WS 266.01 140.00 141.86 141.71 0.003522 2.01 166.34 227.82 0.32 RIVER-1 Reach-1 241.* Max WS 267.54 139.50 141.35 0.01 141.36 0.003587 2.25 141.97 178.97 0.34 RIVER-1 Reach-1 241.* Max WS 267.54 139.50 141.35 0.01 141.36 0.003587 2.25 110.82 130.80 0.33 RIVER-1 Reach-1 241.* Max WS 267.54 139.50 141.35 0.01 141.36 0.003587 2.25 110.56.34 227.82 0.32 RIVER-1 Reach-1 241.* Max WS 267.54 139.50 141.35 0.01 140.00 141.35 0.003587 2.25 110.55 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.00 1.35 140.30 1.35	RIVER-1	Reach-1	252	Max WS	249.09	142.00	144.62		144.68	0.003373	2.19	140.75	180.01	0.32
REVER-1 Reach-1 250 Max WS 254.61 141.50 143.62 143.85 0.002478 1.93 217.59 426.30 0.28 RIVER-1 Reach-1 247.** Max WS 255.97 141.20 143.60 143.64 0.002901 1.93 198.89 397.03 370.03 0.29 RIVER-1 Reach-1 247.** Max WS 255.97 140.50 142.92 142.96 0.003165 1.93 189.93 397.03 89 0.31 RIVER-1 Reach-1 245.** Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 274.48 277.18 0.18 RIVER-1 Reach-1 245.** Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 274.48 277.18 0.18 RIVER-1 Reach-1 244.** Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 274.48 135.00 0.43 RIVER-1 REACH-1 244.** Max WS 262.27 140.50 142.71 142.72 0.000982 1.31 274.48 135.00 0.43 RIVER-1 REACH-1 244.** Max WS 264.48 139.00 141.66 141.71 142.72 0.000932 1.31 143.22 295.54 0.33 RIVER-1 REACH-1 244.** Max WS 266.60 1 140.00 141.66 141.71 0.003523 2.01 166.34 227.82 0.32 RIVER-1 REACH-1 241.** Max WS 267.54 139.50 141.66 141.71 0.003523 2.01 166.34 227.82 0.32 RIVER-1 REACH-1 240.** Max WS 269.08 139.00 141.05 141.19 0.003960 2.19 156.44 227.82 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 141.10 0.003523 2.01 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 141.10 0.003523 2.31 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 141.10 0.003523 2.31 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 141.10 0.003523 2.31 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 140.76 140.80 0.003548 2.01 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 140.76 140.80 0.003548 2.01 156.48 120.87 0.32 RIVER-1 REACH-1 249.** Max WS 269.08 139.00 141.05 149.78 0.003523 2.01 156.48 120.87 0.32 RIVER-1 REACH-1 239.** Max WS 277.80 135.00 139.49 139.55 0.003647 2.57 157.16 327.49 0.43 RIVER-1 REACH-1 239.** Max WS 277.17 156.02 139.49 139.55 0.003647 2.57 157.16 327.49 0.43 RIVER-1 REACH-1 231.** Max WS 277.18 135.00 139.49 139.55 0.003641 2.50 137.79 139.49 139.55 0.003641 2.50 137.79 137.40 0.33 RIVER-1 REACH-1 234.** Max WS 277.18 135.00 137.99 138.60 0.003641 2.5	RIVER-1	Reach-1	251.*	Max WS	251.90	141.75	144.18		144.27	0.004567	2.54	132.10	254.00	0.37
REVER-1 Reach-1 249." Max WS 255.97 141.25 143.60 142.92 142.60 0.002910 1.91 1.91 198.89 392.09 0.29 142.61 142.6	RTVFR-1	Reach-1	250	Max WS	254.61	141.50	143.82		143.85	0.002478	1.93	217.59	426.30	0.28
RENER-1 Reach-1 246 Max WS 259.26 140.95 142.07 142.07 142.77 0.003165 1.69 189.53 303.89 0.39 180.81 180.8	RIVER-1	Reach-1	249.*	Max WS	255.97	141.25	143.60		143.64	0.002901	1.91	198.89	392.09	0.29
REVER-1 Reach-1 246	RIVER-1	Reach-1	248	Max WS	257.33	141.00	143.30		143.37	0.004453	2.26	154.07	3/1.43	0.30
REVER-1 Reach-1 244	KIVER-I	Reach-1	247."	Max WS	259.70	140.73	142.32		142.30	0.003103	1 31	274 48	277 18	0.31
REVER-1 Reach-1 244. Max WS 265.52 139.00 142.12 142.21 0.004719 3.32 143.22 206.54 0.39 RIVER-1 Reach-1 243.** Max WS 265.52 139.00 141.81 141.97 0.003575 2.54 141.97 178.97 0.34 RIVER-1 Reach-1 241.** Max WS 265.52 139.00 141.81 141.97 0.003523 2.01 166.34 227.82 0.34 RIVER-1 Reach-1 241.** Max WS 267.58 139.50 141.46 141.71 0.003523 2.01 166.34 227.82 0.34 RIVER-1 Reach-1 241.** Max WS 267.58 139.50 141.46 141.71 0.003523 2.01 166.34 227.82 0.34 RIVER-1 Reach-1 241.** Max WS 267.58 139.50 141.46 141.71 0.003523 2.01 166.34 227.82 0.34 RIVER-1 Reach-1 231.** Max WS 277.54 138.50 140.00 140.66 141.73 0.003523 2.01 166.34 227.82 0.34 RIVER-1 Reach-1 231.** Max WS 277.54 138.50 140.76 140.80 0.003418 2.07 175.95 283.56 0.32 RIVER-1 Reach-1 233.** Max WS 277.54 138.00 140.34 140.76 140.80 0.005847 2.57 157.16 175.95 283.56 0.32 RIVER-1 Reach-1 233.** Max WS 277.80 137.50 139.88 139.95 0.006470 2.57 157.16 327.49 0.43 RIVER-1 Reach-1 231.** Max WS 277.50 137.50 139.88 139.95 0.006470 2.57 157.16 327.49 0.43 RIVER-1 Reach-1 231.** Max WS 277.50 137.50 139.88 139.95 0.006470 2.57 157.16 327.49 0.43 RIVER-1 Reach-1 233.** Max WS 279.28 135.04 138.83 139.95 0.006470 2.57 157.16 327.49 0.43 RIVER-1 Reach-1 233.** Max WS 280.68 135.00 138.30 138.50 0.00649 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 233.** Max WS 280.68 135.00 138.30 138.55 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.** Max WS 280.99 135.00 137.99 138.50 0.00649 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.** Max WS 280.99 135.00 137.99 138.50 0.00049 1.1	DIVED-1	Peach-1	240	Max WS	263 37	139 75	142.71		142.55	0.005520	3.38	110.83	135.00	0.43
RIVER-1 Reach-1 243.* Max WS 265.25 139.50 141.89 141.97 0.003575 2.54 141.97 178.97 0.34 RIVER-1 Reach-1 241.* Max WS 266.01 140.00 141.66 141.71 0.0035275 2.54 141.97 178.97 0.34 RIVER-1 Reach-1 240.* Max WS 267.54 139.50 141.34 141.39 0.003960 2.19 156.44 206.90 0.32 RIVER-1 Reach-1 230.* Max WS 267.54 139.50 141.35 141.39 0.003960 2.19 156.44 206.90 0.34 RIVER-1 Reach-1 238 Max WS 277.54 138.00 140.76 141.10 0.00523 2.01 156.34 206.90 0.34 RIVER-1 Reach-1 238 Max WS 277.54 138.00 140.34 140.34 140.40 0.00348 2.07 155.95 283.56 0.32 RIVER-1 Reach-1 237.* Max WS 277.50 139.49 139.55 0.006477 2.57 157.16 325.29 0.40 RIVER-1 Reach-1 236.* Max WS 277.10 136.02 139.49 139.55 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 235.* Max WS 277.10 136.02 139.49 139.55 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 233.* Max WS 277.68 135.50 139.49 139.55 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 233.* Max WS 277.68 135.50 139.49 139.55 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 233.* Max WS 277.68 135.50 138.54 138.65 0.003555 1.96 274.07 306.01 0.00553 1.55 174.47 319.48 0.34 RIVER-1 Reach-1 233.* Max WS 278.26 135.50 138.54 138.50 0.005549 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 233.* Max WS 278.26 135.50 138.50 138.50 0.00549 2.48 177.92 362.40 0.38 RIVER-1 Reach-1 233.* Max WS 278.26 135.50 138.50 138.50 0.00549 2.48 177.92 362.40 0.00549 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 233.* Max WS 278.26 135.50 138.50 138.50 0.00549 2.48 177.92 362.40 0.00549 2.48 177.92 362.40 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.24 0.00549 2.48 177.92 362.2	RTVFR-1	Reach-1	244	Max WS	264.48	139.00	142.12		142.21	0.004719	3.32	143.22	206.54	0.39
RIVER-1 Reach-1 241.* Max ws 266.01 140.00 141.66 141.71 0.003523 2.01 166.34 227.82 0.32 RIVER-1 Reach-1 241.* Max ws 267.54 139.50 141.34 141.39 0.003960 2.19 156.44 206.90 0.34 RIVER-1 Reach-1 240.* Max ws 269.08 139.00 141.05 141.30 0.003960 2.19 156.44 206.90 0.34 RIVER-1 Reach-1 230.* Max ws 269.08 139.00 141.05 141.30 0.003960 2.19 156.44 206.90 0.32 RIVER-1 Reach-1 237.* Max ws 277.80 139.88 139.95 0.005887 2.31 161.78 325.29 0.40 RIVER-1 Reach-1 237.* Max ws 273.80 137.50 139.88 139.95 0.005687 2.31 161.78 325.29 0.42 RIVER-1 Reach-1 236.* Max ws 277.54 131.00 139.49 139.55 0.005649 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 235.* Max ws 277.57 17.17 136.02 139.49 139.55 0.005649 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 235.* Max ws 277.17 136.02 139.04 139.19 1.0003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 231.* Max ws 279.28 135.04 138.83 138.85 0.000562 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 233.* Max ws 280.64 135.02 138.74 138.83 138.85 0.000362 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 233.* Max ws 280.64 135.00 138.74 138.83 138.85 0.000362 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.* Max ws 280.64 135.00 135.00 137.99 138.55 0.003441 5.80 131.34 446.10 0.27 RIVER-1 Reach-1 230 Max ws 313.75 134.50 137.99 138.55 0.0003441 5.80 131.34 446.10 0.27 RIVER-1 Reach-1 229.* Max ws 315.70 134.00 137.99 138.55 0.0003441 5.80 131.34 446.10 0.27 RIVER-1 Reach-1 229.* Max ws 315.70 134.00 137.99 138.55 0.0003441 5.80 131.34 446.13 94.75 0.13 RIVER-1 Reach-1 227.* Max ws 315.70 134.00 137.99 138.55 0.0003441 5.80 131.34 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 446.13 94.75 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.95 0.000319 1.13 94.	RIVER-1	Reach-1	243.*	Max WS	265.25	139.50	141.89		141.97	0.003575	2.54	141.97	178.97	0.34
RIVER-1 Reach-1 241.* Max WS 267.54 139.50 141.34 141.39 0.003583 2.31 156.48 190.87 0.32 RIVER-1 Reach-1 239.* Max WS 269.08 139.00 140.65 141.10 0.003258 2.31 156.48 190.87 0.32 RIVER-1 Reach-1 239.* Max WS 277.80 137.50 139.88 140.00 0.003687 2.31 156.48 190.87 0.32 156.48 19	RIVER-1	Reach-1	242	Max WS	266.01	140.00	141.66		141.71	0.003523	2.01	166.34	227.82	0.32
RIVER-1 Reach-1 231.* Max WS 293.08 133.00 144.034 140.00 0.0034318 2.31 157.65 1583.60 0.35	RIVER-1	Reach-1	241.*	Max WS	267.54	139.50	141.34		141.39	0.003960	2.19	156.44	206.90	0.34
RIVER-1 Reach-1 233 ** Max WS 277.84 138.00 140.34 110.00 0.005987 5.31 161.78 235.529 0.40 RIVER-1 Reach-1 235 ** Max WS 277.80 137.50 139.88 139.95 0.006477 2.57 157.16 237.49 0.43 RIVER-1 Reach-1 235 ** Max WS 277.17 136.02 139.04 139.15 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 235 ** Max WS 277.17 136.02 139.04 139.11 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 233 ** Max WS 277.17 136.02 139.04 139.11 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 233 ** Max WS 279.28 135.04 138.83 138.85 0.009662 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 233 ** Max WS 280.64 135.02 138.74 138.77 0.001365 1.96 274.07 406.01 0.22 RIVER-1 Reach-1 231 ** Max WS 281.98 135.00 138.30 138.56 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231 ** Max WS 281.98 135.00 137.99 138.00 0.00341 2.83 211.25.76 444.61 0.52 RIVER-1 Reach-1 231 ** Max WS 282.99 135.00 137.99 138.00 0.00341 2.83 211.94 145.04 0.34 RIVER-1 Reach-1 220 ** Max WS 284.05 135.00 137.99 138.00 0.00341 2.83 211.94 445.45 0.34 RIVER-1 Reach-1 220 ** Max WS 284.05 135.00 137.99 138.00 0.00341 2.83 211.94 446.25 0.17 RIVER-1 Reach-1 227 ** Max WS 284.05 135.00 137.89 137.94 0.000831 1.13 446.97 76 0.17 RIVER-1 Reach-1 227 ** Max WS 317.25 133.85 137.56 137.79 0.001427 2.12 1319.61 497.76 0.17 RIVER-1 Reach-1 227 ** Max WS 317.25 133.85 137.50 137.79 0.000662 3.45 405.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.85 137.56 137.79 0.000742 2.07 191.33 406.54 405.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.85 137.50 137.99 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.85 137.50 137.59 0.000742 2.07 191.33 406.54 405.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.85 137.50 137.50 0.000742 2.07 191.33 406.54 405.25 0.23 RIVER-1 Reach-1 222 ** Max WS 317.25 133.60 137.22 137.59 0.000742 2.07 191.33 406.54 405.25 0.23 RIVER-1 Reach-1 222 ** Max WS 327.57 133.00 135.54 135.50 135.54 0.000756 3.45 139.93 333.33 179.29 355.52 0.43 RIVER	RIVER-1	Reach-1	240	Max WS	269.08	139.00	141.05		141.10	0.003259	2.31	156.48	190.87	0.32
RIVER-1 Reach-1 236 Max WS 273.80 137.80 139.88 139.95 0.006477 2.57 157.16 327.49 0.43 RIVER-1 Reach-1 236 Max WS 275.04 137.00 139.49 139.55 0.005049 2.48 177.92 362.24 0.34 RIVER-1 Reach-1 235.* Max WS 277.17 136.02 139.04 139.11 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 234 Max WS 277.17 136.02 139.04 139.11 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 233.* Max WS 280.64 135.02 138.74 138.85 0.00962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 232 Max WS 280.64 135.02 138.74 138.77 0.001365 1.96 274.07 406.01 0.22 RIVER-1 Reach-1 231.* Max WS 282.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 230 Max WS 282.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.91 137.91 0.00519 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.84 0.000831 1.52 337.45 327.56 0.22 RIVER-1 Reach-1 222 Max WS 313.73 134.50 137.69 137.69 137.79 0.00160 2.22 RIVER-1 Reach-1 227.* Max WS 318.73 134.50 137.69 137.79 0.00160 2.22 RIVER-1 Reach-1 227.* Max WS 318.73 134.50 137.22 137.50 0.00519 2.50 319.13 139.13 137.75 134.00 137.22 RIVER-1 Reach-1 227.* Max WS 318.73 134.50 137.22 137.50 0.00519 2.50 319.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.13 139.29 139.13 139.29 139.13 139.29 139.13 139.29 139.13 139.29 139.13 139.1	KTAFK-T	Reach-1	239."	Max WS	270.61	138.30	140.76		140.60	0.003418	2.07	161 78	325.29	0.40
RIVER-1 Reach-1 235.* Max WS 275.04 137.00 139.49 139.55 0.005049 2.48 177.92 362.24 0.38 RIVER-1 Reach-1 235.* Max WS 277.17 136.02 139.04 139.01 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 233.* Max WS 279.28 135.04 138.83 138.85 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 233.* Max WS 280.64 135.02 138.74 0.01365 1.96 274.07 406.01 0.22 RIVER-1 Reach-1 231.* Max WS 281.98 135.00 138.30 138.56 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.* Max WS 281.98 135.00 138.30 138.56 0.0000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.* Max WS 281.98 135.00 138.30 138.56 0.0000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 231.* Max WS 281.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 230 Max WS 284.06 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.84 0.000831 1.54 397.45 525.55 0.17 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.84 0.000831 1.54 397.45 525.55 0.17 RIVER-1 Reach-1 227.* Max WS 317.25 133.85 137.56 137.59 0.01619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 227.* Max WS 318.84 133.70 137.22 137.30 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 225.* Max WS 319.68 133.48 133.70 137.22 137.30 0.005740 2.99 131.33 406.54 0.43 RIVER-1 Reach-1 223.* Max WS 320.52 133.85 136.88 136.89 0.005740 3.33 179.29 358.56 0.44 RIVER-1 Reach-1 223.* Max WS 320.52 133.25 136.58 136.68 0.005862 3.65 178.68 388.62 0.44 RIVER-1 Reach-1 221.* Max WS 321.64 133.12 135.54 136.89 136.68 0.005862 3.65 178.68 388.62 0.44 RIVER-1 Reach-1 221.* Max WS 321.57 132.70 135.54	RIVER-1	Reach-1	230	Max WS	273.80	137.50	139.88		139.95	0.005307	2.57	157.16	327.49	0.43
RIVER-1 Reach-1 231 Max WS 277.17 136.02 139.04 139.11 0.003553 2.58 174.47 319.48 0.34 RIVER-1 Reach-1 233 Max WS 280.64 135.02 138.83 138.85 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 232 Max WS 280.64 135.02 138.74 138.87 0.001365 1.96 274.07 406.01 0.22 Max WS 281.98 135.00 138.30 138.80 0.0010240 5.01 125.76 414.61 0.57 RIVER-1 Reach-1 231 Max WS 282.99 135.00 137.99 138.06 0.010240 5.01 125.76 414.61 0.57 RIVER-1 Reach-1 231 Max WS 282.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 229 Max WS 284.06 135.00 137.91 137.91 0.000519 1.13 446.13 541.55 1.57 0.13 RIVER-1 Reach-1 228 Max WS 315.75 134.50 137.89 137.94 0.000519 1.13 446.13 541.55 1.57 0.13 RIVER-1 Reach-1 228 Max WS 315.75 134.50 137.89 137.95 0.001479 1.000519 1.13 446.13 541.55 1.00 137.89 137.95 0.001479 1.000519 1.13 446.13 541.55 1.00 137.89 137.95 0.001479 1.000519 1.13 446.13 541.55 1.00 137.89 1.000519 1.13 4.00 1.000519 1.13 446.13 541.55 1.00 137.99 1.000519 1.000	RTVFR-1	Reach-1	236	Max WS	275.04	137.00	139.49		139.55	0.005049	2.48	177.92	362.24	0.38
RIVER-1 Reach-1 234 Max WS 729.28 135.04 138.83 138.85 0.000962 1.67 292.02 379.79 0.19 RIVER-1 Reach-1 232 Max WS 280.64 135.00 138.74 138.77 0.001365 1.96 274.07 406.01 0.57 RIVER-1 Reach-1 232 Max WS 281.98 135.00 138.30 138.56 0.010240 5.01 125.76 444.61 0.57 RIVER-1 Reach-1 231.* Max WS 282.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.57 RIVER-1 Reach-1 230 Max WS 284.06 135.00 137.91 137.91 0.000519 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.84 0.000831 1.54 397.45 257.55 0.13 RIVER-1 Reach-1 228 Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.64 497.76 0.22 RIVER-1 Reach-1 227.* Max WS 315.75 133.83 137.85 137.55 130.001427 2.12 319.64 497.76 0.22 RIVER-1 Reach-1 226 Max WS 318.84 133.70 137.69 137.73 0.001619 2.16 319.64 497.76 0.22 RIVER-1 Reach-1 225.* Max WS 318.84 133.70 137.55	RIVER-1	Reach-1	235.*	Max WS	277.17	136.02	139.04		139.11	0.003553	2.58	174.47	319.48	0.34
RIVER-1 Reach-1 233.* Max WS 280.64 135.02 138.74 1.38.77 0.001.50 1.96 274.07 406.01 0.52 RIVER-1 Reach-1 231.* Max WS 281.99 135.00 138.30 138.56 0.00240 5.01 125.76 414.61 0.57 RIVER-1 Reach-1 231.* Max WS 282.99 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 230 Max WS 284.06 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.91 0.000519 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.* Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.* Max WS 317.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 225.* Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 139.33 406.54 0.11 RIVER-1 Reach-1 225.* Max WS 319.68 133.48 136.89 136.89 0.005740 2.97 139.33 406.54 0.41 RIVER-1 Reach-1 225.* Max WS 319.68 133.48 136.89 136.89 0.005740 2.97 139.33 406.54 0.43 RIVER-1 Reach-1 223.* Max WS 320.52 133.25 136.58 136.68 0.005866 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223.* Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 223.* Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 221.* Max WS 327.57 133.00 135.94 135.86 136.89 0.005866 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 221.* Max WS 327.57 132.70 135.76 135.76 135.76 135.76 135.77 135.00 135.76 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.00 135.77 135.70 135	RIVER-1	Reach-1	234	Max WS	279.28	135.04	138.83		138.85	0.000962	1.67	292.02	379.79	0.19
RIVER-1 Reach-1 231.* Max WS 281.98 135.00 137.99 138.06 0.003441 2.83 211.53 445.40 0.34 RIVER-1 Reach-1 230 Max WS 284.06 135.00 137.91 137.91 0.000519 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.* Max WS 313.75 134.50 137.83 137.84 0.000831 1.54 397.45 525.55 0.17 RIVER-1 Reach-1 228 Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 226 Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 226 Max WS 318.84 133.70 137.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 225.* Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 191.33 406.54 0.41 ARIVER-1 Reach-1 224 Max WS 319.68 133.48 136.89 136.99 0.005743 3.33 179.29 355.52 0.43 RIVER-1 Reach-1 224 Max WS 320.52 133.25 136.58 136.68 0.005686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 222 Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 222 Max WS 322.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.99 135.22 135.34 0.003063 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 218 Max WS 328.14 132.75 135.09 135.34 0.003069 1.80 309.00 326.94 0.19 RIVER-1 Reach-1 218 Max WS 328.14 132.27 133.00 135.34 134.81 134.93 0.005304 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 218 Max WS 326.65 131.98 132.27 135.34 134.41 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 328.14 132.27 133.00 135.34 134.81 134.93 0.005304 2.40 203.09 326.94 0.19 RIVER-1 Reach-1 218 Max WS 328.14 132.27 133.00 135.34 134.81 134.60 0.003604 2.40 203.09 326.94 0.19 RIVER-1 Reach-1 218 Max WS 331.51 131.23 133.91 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.18 133.00 0.000091 1.48 411.85 336.50 0.29 RIVER-1 Reach-1 209.44 Max WS 331.4	RIVER-1	Reach-1	233.*	Max WS	280.64	135.02	138.74		138.//	0.001365	1.96	2/4.0/	406.01 414 61	0.22
RIVER-1 Reach-1 230.** Max WS 284.06 137.00 137.01 137.01 0.000519 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.** Max WS 313.75 134.50 137.83 137.84 0.000819 1.13 446.13 541.57 0.13 RIVER-1 Reach-1 229.** Max WS 315.70 134.50 137.89 137.69 137.73 0.000619 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.** Max WS 315.70 133.85 137.69 137.69 0.001619 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.** Max WS 315.70 133.85 137.69 137.69 0.001619 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.** Max WS 318.84 137.86 137.69 137.69 0.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001619 2.001	RIVER-1	Reach-1	232	Max WS	281.98	135.00	138.30		138.30	0.010240	3.UI	211 53	414.61	0.37
RIVER-1 Reach-1 228 Max WS 313.75 134.50 137.83 137.84 0.000831 1.54 397.45 525.55 50.17 RIVER-1 Reach-1 228 Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.* Max WS 317.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 226.6 Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 191.33 406.54 0.43 RIVER-1 Reach-1 225.* Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 191.33 406.54 0.43 RIVER-1 Reach-1 224.4 Max WS 319.68 133.48 136.89 136.99 0.005740 2.97 191.33 406.54 0.43 RIVER-1 Reach-1 224.4 Max WS 320.52 133.25 136.58 136.68 0.005866 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223.* Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 222 Max WS 322.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 221.* Max WS 323.75 132.70 135.76 135.81 0.002750 2.22 245.09 345.81 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000873 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.55 0.001297 1.90 281.77 1.90 281.77 1.90 281.77 RIVER-1 Reach-1 215.* Max WS 328.95 132.60 134.81 134.93 0.005734 3.23 157.13 234.94 0.43 RIVER-1 Reach-1 216 Max WS 328.95 132.60 134.81 134.93 0.005734 3.23 157.13 234.94 0.43 RIVER-1 Reach-1 216 Max WS 331.45 131.25 134.30 133.48 134.60 0.003646 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 211.* Max WS 331.45 131.23 133.31 133.18 133.68 0.000069 1.48 41.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.45 131.23 133.31 133.18 133.04 0.000915 4.32 76.75 77.95 0.39 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 133.31 133.18 133.04 0.000915 4.42 40 203.09 325.28 0.34 RIVER-1 Reach-1 209.44 Max WS 331.45 131.20 133.33 133.18 133.00 0.000915 4.42 40 203.09 325.28 0.39	RIVER-I	Reacn-1	231."	Max WS	282.99 284.06	135.00	137.99		137.91	0.003441	1.13	446.13	541.57	0.13
RIVER-1 Reach-1 228 Max WS 315.70 134.00 137.69 137.73 0.001427 2.12 319.61 497.76 0.22 RIVER-1 Reach-1 227.* Max WS 317.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 226 Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 191.33 406.54 0.41 RIVER-1 Reach-1 225.* Max WS 319.68 133.48 136.89 136.99 0.005740 2.97 191.33 406.54 0.41 RIVER-1 Reach-1 224 Max WS 320.52 133.25 136.58 136.68 0.005686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223.* Max WS 320.52 133.25 136.58 136.68 0.005686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 221.* Max WS 322.71 133.00 135.94 135.98 0.003662 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 221.* Max WS 323.75 132.70 135.76 135.86 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 229. Max WS 323.75 132.70 135.76 135.81 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 219.* Max WS 324.73 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.35 RIVER-1 Reach-1 219.* Max WS 324.49 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.35 RIVER-1 Reach-1 218. Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 33.30 0.25 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 33.30 0.25 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 33.30 0.25 RIVER-1 Reach-1 216 Max WS 331.51 131.25 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 216 Max WS 331.51 131.25 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 216 Max WS 331.45 131.29 131.80 133.18 133.68 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.25 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 210 Max WS 331.45 131.25 134.30 133.31 133.18 133.68 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 209.44 Max WS 331.45 131.25 132.88 133.30 0.000609 1.48 411.85 387.85 0.38 RIVER-1 Reach-1 209.44 Max WS 331.45 131.25 132.74 133.30 0.000609 1.43	RTVER-1	Reach-1	229.*	Max WS	313.75	134.50	137.83		137.84	0.000831	1.54	397.45	525.55	0.17
RIVER-1 Reach-1 227.* Max WS 317.25 133.85 137.56 137.59 0.001619 2.05 300.54 463.25 0.23 RIVER-1 Reach-1 226 Max WS 318.84 133.70 137.22 137.30 0.005740 2.97 191.33 406.54 0.41 RIVER-1 Reach-1 225.* Max WS 319.68 133.48 136.89 136.99 0.005743 3.33 179.29 355.52 0.43 RIVER-1 Reach-1 224 Max WS 320.52 136.58 136.88 136.68 0.05686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223.* Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 221.* Max WS 322.71 133.00 135.94 135.98 0.03063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.98 0.003075 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 219.* Max WS 325.18 131.20 135.32 135.34 0.00983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 328.95 131.98 135.22 135.34 0.00983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 330.55 131.88 134.36 134.34 10.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 211.* Max WS 331.51 131.25 134.30 134.31 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.31 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 133.31 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 133.31 133.18 133.00 0.000915 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 132.24 133.24 133.03 0.000915 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.45 131.25 132.88 133.04	RIVER-1	Reach-1	228	Max WS	315.70	134.00	137.69		137.73	0.001427	2.12	319.61	497.76	0.22
RIVER-1 Reach-1 226 Max WS 318.84 133.70 137.22 137.30 0.005743 3.31 179.29 355.52 0.43 RIVER-1 Reach-1 224 Max WS 320.52 133.25 136.88 136.89 0.005686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223 Max WS 320.52 133.25 136.58 136.68 0.005686 3.62 178.68 338.68 0.43 RIVER-1 Reach-1 223 Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.68 338.68 0.43 RIVER-1 Reach-1 222 Max WS 321.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 221.* Max WS 323.75 132.70 135.76 135.91 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 130.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.00988 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 213.* Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.24 0.43 RIVER-1 Reach-1 213.* Max WS 331.51 131.25 134.30 134.30 134.32 0.000609 1.48 411.85 337.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.45 131.20 135.33 133.18 134.40 1.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.45 131.25 134.30 134.31 134.01 0.005846 3.83 175.11 229.99 0.52 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.31 133.18 134.40 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.45 131.20 133.33 133.18 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.45 131.20 133.33 133.18 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.45 131.20 133.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	227.*	Max WS	317.25	133.85	137.56		137.59	0.001619	2.05	300.54	463.25	0.23
RIVER-1 Reach-1 225.** Max WS 319.68 133.48 136.59 1.30.09 0.000743 3.33 178.68 338.68 0.43 RIVER-1 Reach-1 223.** Max WS 321.64 133.12 136.20 136.29 0.006062 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 222. Max WS 322.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 221.** Max WS 322.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 220 Max WS 323.75 132.70 135.76 135.81 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.** Max WS 324.44 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 219.** Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.** Max WS 326.65 131.98 135.22 135.25 0.001297 1.90 281.77 326.41 0.21 RIVER-1 Reach-1 216 Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 215.** Max WS 329.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 213.** Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 211.** Max WS 331.49 131.24 134.21 134.25 0.001662 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.43 131.20 133.33 133.18 133.00 0.000915 4.32 76.75 77.95 0.39 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.00 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	226	Max WS	318.84	133.70	137.22		137.30	0.005740	2.97	191.33	406.54	0.41
RIVER-1 Reach-1 223.* Max WS 321.64 133.12 136.20 136.29 0.006002 3.45 181.99 343.32 0.44 RIVER-1 Reach-1 222 Max WS 322.71 133.00 135.94 135.98 0.003063 2.40 241.26 372.01 0.31 RIVER-1 Reach-1 220 Max WS 322.73 132.70 135.76 135.81 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 326.65 131.98 135.22 135.12 0.001865 1.93 249.35 323.30 0.25 RIVER-1 Reach-1 215.* Max WS 328.95 132.60 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 213.* Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 213.* Max WS 331.45 131.25 134.30 134.31 0.0005846 3.83 175.71 222.99 RIVER-1 Reach-1 210 Max WS 331.49 131.24 134.21 134.25 0.001867 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.45 131.20 133.39 133.18 133.68 0.000915 4.32 76.75 77.95 0.39 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.39 133.18 133.00 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	225.**	Max WS	319.68	133.48	136.89		136.99	0.005745	3.33	178.29	333.32	0.43
RIVER-1 Reach-1 222		Reach-1	224 223 *	Max WS	320.32	133.43	136.20		136.29	0.005060	3.45	181.99	343.32	0.44
RIVER-1 Reach-1 221.* Max WS 323.75 132.70 135.76 135.76 135.81 0.002750 2.22 245.09 391.52 0.30 RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 216 Max WS 328.95 132.65 131.98 135.22 135.12 0.001297 1.90 281.77 326.41 0.21 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 213.* Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.00609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 133.39 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.45 131.23 133.31 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RTVER-1	Reach-1	222	Max WS	322.71	133.00	135.94		135.98	0.003063	2.40	241.26	372.01	0.31
RIVER-1 Reach-1 220 Max WS 324.73 132.40 135.54 135.59 0.004176 2.36 214.11 402.83 0.35 RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 305.33 0.33 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.55 0.001297 1.90 281.77 326.41 0.21 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 323.30 0.25 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.000609 1.48 411.85 347.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 210 Max WS 331.49 131.24 134.21 134.25 0.001609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.03 0.000915 4.32 76.75 77.95 0.39 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	221.*	Max WS	323.75	132.70	135.76		135.81	0.002750	2.22	245.09	391.52	0.30
RIVER-1 Reach-1 219.* Max WS 324.94 131.80 135.36 135.44 0.003275 2.66 190.87 302.94 0.19 RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000983 1.80 309.00 322.94 0.19 RIVER-1 Reach-1 217.* Max WS 326.65 131.98 135.22 135.25 0.001297 1.90 281.77 326.41 0.21 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 323.30 0.25 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001560 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	220	Max WS	324.73	132.40	135.54		135.59	0.004176	2.36	214.11	402.83	0.35
RIVER-1 Reach-1 218 Max WS 325.18 131.20 135.32 135.34 0.000803 1.80 329.00 322.94 Nax WS 326.65 131.98 135.22 135.25 0.001297 1.90 281.77 326.41 0.21 RIVER-1 Reach-1 216 Max WS 328.14 132.75 135.09 135.12 0.001865 1.93 249.35 323.30 0.25 RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 329.67 132.50 134.54 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.40 0.003604 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	RIVER-1	Reach-1	219.*	Max WS	324.94	131.80	135.36		135.44	0.003275	2.66	190.87	305.33	0.33
RIVER-1 Reach-1 216 Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 215.* Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.25 RIVER-1 Reach-1 212 Max WS 331.45 131.25 134.30 134.32 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	KTAFK-T	Reach-1	218	Max WS	325.18	131.20	135.32 135.32		135.34 135.25	0.000983	1.8U 1.00	309.00 281 77	322.94 326 41	0.19
RIVER-1 Reach-1 215.* Max WS 328.95 132.62 134.81 134.93 0.005734 3.23 157.13 283.42 0.43 RIVER-1 Reach-1 214 Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.31 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	217.*	Max WS	320.03 220 14	131.90	135.22		135.23	0.001237	1 93	249 35	323.30	0.25
RIVER-1 Reach-1 213.* Max WS 329.67 132.50 134.54 134.60 0.003604 2.40 203.09 325.28 0.34 RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.49 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	DTV/FD_1	Reach-1	215 *	Max WS	328.95	132.62	134.81		134.93	0.005734	3.23	157.13	283.42	0.43
RIVER-1 Reach-1 213.* Max WS 330.55 131.88 134.36 134.41 0.001702 2.07 263.68 348.82 0.27 RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.43 Inl Struct RIVER-1 Reach-1 209.41 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	214	Max WS	329.67	132.50	134.54		134.60	0.003604	2.40	203.09	325.28	0.34
RIVER-1 Reach-1 212 Max WS 331.51 131.25 134.30 134.32 0.000609 1.48 411.85 387.85 0.18 RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001562 2.26 271.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.43 In Struct RIVER-1 Reach-1 209.41 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	213.*	Max WS	330.55	131.88	134.36		134.41	0.001702	2.07	263.68	348.82	0.27
RIVER-1 Reach-1 211.* Max WS 331.49 131.24 134.21 134.25 0.001.562 2.26 2/1.73 283.69 0.29 RIVER-1 Reach-1 210 Max WS 331.45 131.23 133.91 134.01 0.005846 3.83 175.71 222.99 0.52 RIVER-1 Reach-1 209.44 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.43 Inl Struct RIVER-1 Reach-1 209.41 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	212	Max WS	331.51	131.25	134.30		134.32	0.000609	1.48	411.85	387.85	0.18
RIVER-1 Reach-1 210 Max WS 331.43 131.20 133.33 133.18 133.68 0.010349 5.47 96.10 125.02 0.73 RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	KTAFK-T	Reach-1	211.*	Max WS	331.49	131.24	134.21		134.25	0.001562	Z.Zb	∠/⊥./3 175 71	203.09 222 QQ	0.29
RIVER-1 Reach-1 209.44 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39	RIVER-1	Reach-1	210	Max WS	331.45 321 42	131.23 131.20	133.91 133.32	133 18	134.UL 133.68	0.003646	5.65	96.10	125.02	0.73
RIVER-1 Reach-1 209.41 Max WS 331.43 129.05 132.88 133.04 0.000766 3.25 122.49 86.51 0.33 RIVER-1 Reach-1 209.24 Max WS 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39		Reach-1	209.44	Max WS	Tn] Struct			133.10						
RIVER-1 Reach-1 209.24 Max ws 331.42 129.02 132.74 133.03 0.000915 4.32 76.75 77.95 0.39		Reach-1	209.41	Max WS	331.43	129.05	132.88		133.04	0.000766	3.25	122.49	86.51	0.33
		Reach-1	209.24	Max WS	331.42	129.02	132.74		133.03	0.000915	4.32	76.75	77.95	0.39

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RIVER-1 RIVER-1	Reach-1 Reach-1	209. 23 208. 43 205. 91 205. 49 204. 965* 204. 44 203. 626* 202. 813* 202 201. 36 200. 405* 199. 451* 198. 497* 197. 542* 196. 588* 195. 634* 194. 68* 193. 725* 192. 771* 191. 817* 191. 817*	MAX WS MAX WS	Culvert 331.40 331.39 331.36 331.35 331.31 331.30 331.26 331.26 331.27 331.27 331.90 330.67 330.90 330.67 330.97 329.79 329.06 327.87 329.79 329.06 327.87 329.44 324.41 Lat struct 323.43 323.43 323.43 323.43 323.43 323.43	128.67 129.85 129.75 129.62 129.49 129.29 129.08 128.88 128.72 128.00 127.76 127.52 127.28 127.04 126.57 126.57 126.57 126.53 126.09 125.85 125.61 125.37	132.66 132.38 132.27 132.14 132.01 131.80 131.60 131.41 131.25 131.01 130.79 130.56 130.55 130.15 129.97 129.67 129.55 129.67 129.33 129.33 129.29 129.25 129.26		132.83 132.71 132.61 132.47 132.34 132.13 131.93 131.72 131.57 131.33 131.10 130.88 130.45 130.25 130.07 129.91 129.77 129.65 129.47 129.47 129.35 129.34	0.000480 0.002576 0.002586 0.002564 0.002566 0.002469 0.002496 0.002477 0.002438 0.002383 0.002293 0.002169 0.002000 0.001801 0.001599 0.001599 0.001599 0.00150 0.000923 0.000750 0.000606 0.000494 0.000330	3.28 4.666 4.664 4.62 4.651 4.555 4.555 4.555 4.53 4.49 4.36 4.24 4.39 3.70 3.70 3.70 3.23 3.00 2.78 2.58	101.17 71.12 71.17 71.42 71.72 71.88 72.75 73.26 72.73 72.83 73.16 73.67 74.59 75.95 78.04 80.95 84.12 88.92 94.65 101.29 108.66 116.83 125.55 142.39	64.26 36.29 36.47 36.97 37.23 37.63 37.98 37.57 37.49 37.49 37.47 37.47 38.00 38.87 39.60 40.43 41.40 42.42 43.55 44.70 44.50	0.29 0.59 0.59 0.58 0.58 0.57 0.57 0.57 0.55 0.57 0.55 0.54 0.52 0.47 0.44 0.36 0.33 0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	187.65 187.65 187.15 187 186.81 186.80	Max WS Max WS Max WS Max WS Max WS	323.43 383.96 385.83 385.78 385.78	125.27 125.15 125.13 125.09 123.29	129.28 129.25 129.25 129.26 129.15		129.34 129.31 129.30 129.30 129.31	0.000246 0.000188 0.000197 0.000158 0.000269	2.02 1.85 1.87 1.68 3.17	162.16 209.59 206.41 229.10 121.84	51.06 61.54 59.81 66.05 69.77	0.20 0.17 0.18 0.16 0.23
RIVER-1 RIVER-1	Reach-1 Reach-1	186. 80 186 185. 25* 184. 5 184. 5 184. 1 183. * 182. 181. * 180. * 179. * 178. * 177. * 176. * 173. * 171. * 170. 169. * 168. * 167. * 168. * 164. 163. * 162. 161. * 159. * 158. * 157. * 158. * 159. * 151. *	MAX WS MX	Culvert 385.64 385.61 385.63 389.89 389.95 390.02 390.43 390.48 390.54 390.80 391.12 391.58 392.53 392.53 392.58 392.77 397.58 398.77 397.58 398.80 399.23 399.63 399.64 399.53 399.56 399.53 399.56 399.53	122.98 124.49 126.00 126.00 126.00 126.00 126.00 126.00 125.00 124.00 124.00 123.50 123.50 124.00 124.00 124.00 124.00 124.00 124.00 120.00	129.06 129.11 129.01 128.93 128.88 128.73 128.47 128.20 128.07 127.91 127.58 127.30 126.89 126.80 126.67 126.54 126.54 126.27 126.18 125.61 125.61 125.74 125.61 125.76 124.89 124.73 124.73 124.59 124.73 124.59 125.66 123.57 123.66		129.20 129.17 129.12 129.05 128.97 128.90 128.77 128.54 128.29 127.94 127.38 127.14 126.97 126.89 126.81 126.69 126.45 126.31 126.45 126.59 126.45 126.45 126.45 126.45 126.45 126.45 126.45 126.45 126.59 126.45 12	0.000233 0.000400 0.001191 0.001211 0.001463 0.001037 0.001781 0.002581 0.002580 0.001351 0.003566 0.001351 0.003656 0.001977 0.0002479 0.001477 0.002755 0.002479 0.001894 0.001075 0.001657 0.001657 0.000581 0.000981 0.001981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000981 0.000821 0.000657 0.001055 0.00176 0.001276 0.001337 0.001337	3.02 2.10 2.17 2.35 2.35 1.83 2.76 2.63 1.90 2.31 1.48 2.26 2.46 1.82 2.46 1.82 2.46 1.89 1.31 1.56 2.33 1.56 2.33 1.57 1.41 1.57 1.41 1.57 1.41 1.57 1.41 1.57 1.59	127.70 289.72 370.12 350.15 331.18 363.30 283.87 226.84 420.01 349.67 266.38 241.12 259.24 365.73 625.90 533.15 434.81 332.88 325.30 355.31 438.70 377.28 463.15 403.78 216.94 277.83 446.10 500.47 434.34 239.95 445.17 450.78 456.56 404.79	148.53 226.97 367.61 360.20 341.89 334.03 284.91 279.40 342.98 426.21 419.83 430.17 738.29 549.19 614.77 738.47 769.19 673.41 667.91 551.17 592.24 654.30 620.14 680.72 738.35 674.37 616.49 649.75 686.01 733.24 741.56 703.86 649.75 686.51 846.23	0.22 0.20 0.25 0.26 0.26 0.20 0.25 0.34 0.30 0.17 0.22 0.33 0.37 0.35 0.26 0.13 0.17 0.22 0.31 0.29 0.20 0.20 0.22 0.19 0.22 0.19 0.22 0.19 0.22 0.19 0.22 0.19 0.22 0.19 0.22 0.21 0.20 0.21 0.23

DTVCD 1	Donah 1	150	May WC	402.02	119.00	KiteCreek.rep	122 10	0.004220	2 02	251 79	659 74	0.24
RIVER-1 RIVER-1	Reach-1 Reach-1	150 149.*	Max WS Max WS	403.02 403.02 404.83 404.83 405.90 406.23 406.666 407.23 407.85 408.19 407.99 408.03 408.66 409.00 409.36 409.92 410.50 410.81 411.11 411.10 411.08 410.99 410.98 410.99 410.99 410.99 410.98 410.95 380.75 435.87 435.87 435.87 435.87	118.00	123.14 122.89 122.74 122.60 122.39 122.19 121.97 121.80 121.72 121.59 121.39 121.39 121.15 121.07 120.95 120.84 120.76 120.68 120.60 120.53 120.45 120.37 120.09 119.81	123 . 19 122 . 93 122 . 77 122 . 64 122 . 23 122 . 01 121 . 82 121 . 74 121 . 63 121 . 28 121 . 17 121 . 09 120 . 86 120 . 87 120 . 69 120 . 61 120 . 54 120 . 54 120 . 47 120 . 39 120 . 16 119 . 76 119 . 76 119 . 76 119 . 73 119 . 76 119 . 18 119 . 18 119 . 18 118 . 30 118 . 35 118 . 35 118 . 35	0.004230 0.001809 0.001507 0.002144	2.03	251.78 323.50 395.63 381.93 320.17	658.74 701.41 660.00 868.13 1007.12	0.34 0.25 0.23 0.27
RIVER-1	Reach-1	148	Max WS	404.30	118.50 118.00	122.74	122.33	0.001507	1.92 2.29 2.44	395.63	660.00	0.23
RIVER-1	Reach-1	147.*	Max WS	404.83	117.92	122.60	122.64	0.002144	2.44	381.93	868.13	0.27
RIVER-1	Reach-1 Reach-1	146	Max WS	405.33	117.83	122.39	122.46	0.004404	2.95	320.17	1007.12	0.37 0.25 0.30
RIVER-1	Reach-1	146 145.*	Max WS	405.90	117.92	122.19	122.23	0 001945	1.84	341.98 307.93 443.85 524.75	957.95 707.17	0.25
RTVFR-1	Reach-1	144	Max WS	406.23	118.00	121.97	122.01	0.003312 0.000907	1.77	307.93	707.17	0.30
RIVER-1	Reach-1	143.*	Max WS	406.66	117.50	121.80	121.82	0.000907	1.49	443.85	884.90	0.18
RIVER-1	Reach-1	142	Max WS	407.23	117 00	121.72	121.74	0.001010	1.97	524.75	880.98	0.19
RIVER-1 RIVER-1 RIVER-1	Reach-1	141.* 140	Max WS Max WS Max WS	407.85	117.00 117.00	121.59	121.63	0.001640	2.49 3.42	440.57	912.47 1033.89	0.24
KTAFK-T	Reach-1	140	Max WS	408.19	117.00	121.39	121.48	0.003272	3.42	340.88	1033.89	0.24 0.33 0.27
RIVER-1	Reach-1	139.*	Max WS	407.99	117.50	121.23	121.28	0.001010 0.001640 0.003272 0.002077 0.000936 0.001210 0.001535 0.001102 0.000770 0.000923 0.000973 0.000975 0.000973 0.001428 0.005355 0.003287 0.001443	2.52 1.59	440.57 340.88 402.97 549.88	922.38 947.49	0.27
RIVER-1 RIVER-1	Reach 1	138 137.*	Max WS Max WS Max WS	408.03	118.00 118.00	121.15	121.17	0.000936	1.59	549.88 476.39 387.55 457.92 542.22 462.33 477.04 441.55 500.11 432.02 219.38 282.51 451.99 456.32	831.48	0.18
RIVER-1	Reach-1	137."	Max WS	408.32	118.00	121.07	121.03	0.001210	1.69 1.71	387 55	541 68	0.21
RIVER-1	Peach-1	136 135.*	Max WS	409.00	118.00 117.50 117.00	120.33	120.37	0.001333	1.36	457.92	541.68 651.40 726.72 636.28	0.19
RIVER-1	Reach-1	134	Max WS	409.36	117.00	120.76	120.78	0.000770	1.36 1.08	542.22	726.72	0.15
RIVER-1	Reach-1	134 133.*	May WS	409.92	117.00	120.68	120.69	0.000923	1.16	462.33	636.28	0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	132 131.*	Max WS Max WS Max WS	410.50	117.00 117.00 117.00 117.00 117.00	120.60	120.61	0.000733	1 03	477.04	572.84 582.66 794.89 808.36 568.24 639.02 687.05	0.15
RIVER-1	Reach-1	131.*	Max WS	410.81	117.00	120.53	120.54	0.000975	1.12 1.08 1.27 2.12	441.55	582.66	0.17
KTAEK-T	Reach-1	130 129.*	Max WS	411.11	117.00	120.45	120.47	0.000973	1.08	500.11	794.89	0.17
RIVER-1	Reach-1	129.*	max ws	411.10	117.00	120.37	120.39	0.001428	1.2/	432.02	808.36	0.20
RIVER-1 RIVER-1 RIVER-1	Reach-1	128 127.*	Max WS Max WS	411.08	117.00 116.71	120.09	120.10	0.003333	2.12	219.30 282 51	500.24 630 02	0.30
DTVED_1	Paach-1	126	Max WS	411.04	116.42	119.01	119.76	0.001443	1.90	451 99	687.05	0.32
RIVER-1	Reach-1	126 125.*	Max WS	410.99	116.21	119.71	119.73	0.001459	1.72	456.32		0.22
RTVFR-1	Reach-1	124	Max WS Max WS Max WS	410.98	116.21 116.00	119.68	119.70	0.001459 0.001047 0.001365 0.001533	1.32 1.62 1.73	456.32 524.67 471.28 453.10 342.36	799.27 802.19 928.94	0.21 0.23 0.19 0.15 0.17 0.17 0.17 0.20 0.38 0.32 0.22 0.22 0.18 0.21
RIVER-1 RIVER-1 RIVER-1	Reach-1	124 123.*	Max WS Max WS Max WS Max WS Max WS	410.95	776 78	119.61	119.63	0.001365	1.62	471.28	802.19	0.21
RIVER-1	Reach-1	122 121.* 120 119.*	Max WS	380.75	116.35	119.53	119.55	0.001533	1.73	453.10	928.94	0.22
RIVER-1	Reach-1	121.*	Max WS	448.34	115.68	119.31	119.36		2.54	342.36	593.42	0.31
KTAFK-T	Reach-1	120	Max WS	448.03	115.00	119.14	119.18	0.001471	2.20	404.84	563.46	0.23
RIVER-1	Reach-1	119.*	Max WS	447.65	116.35 115.68 115.00 114.50 114.00	118.99	119.06	0.001939	2.83	318.20	397.80 362.70	0.30
RIVER-1	Reach-1	118 117.*	Max WS	433.93	114.50	110.70	118 70	0.003104	2.20 2.83 3.96 2.19	283 78	397.86 262.79 308.02	0.72
RIVER-1 RIVER-1	Peach-1	116	Max WS Max WS Max WS	435.67	115 00	119.71 119.68 119.61 119.53 119.31 119.14 118.99 118.70 118.64 118.53 118.40 118.27 118.27 118.26	118.59	0.001471 0.001471 0.001939 0.003164 0.001194 0.002018 0.001750 0.001487 0.001384 0.001401	2.08	404.84 318.26 207.27 283.78 271.30	347.09	0.23 0.30 0.42 0.26 0.31 0.28 0.25 0.28
RTVFR-1	Reach-1	116 115.*	Max WS	434.98	114.50 114.00 112.00	118.40	118.44	0.001750	1 73	286.56 326.37 407.66	360 39	0.28
RIVER-1	Reach-1	114	Max WS	433.46	114.00	118.27	118.30	0.001487	1.42 2.35	326.37	406.97 447.13 445.23	0.25
RIVER-1	Reach-2	114 112.05	Max WS	825.64	112.00	118.27	118.35	0.001384	2.35	407.66	447.13	0.28
RIVER-1 RIVER-1 RIVER-1	Reach-2	112 111.95 111.*	Max WS	825.64	112.00	118.26	118.35	0.001401	2.36	404.40	445.23	0.28
KTAFK-T	Reach-2	111.95		Lat Struct			440.04	0 001001	2.24	444 27	200 02	0.31
RIVER-1	Reach-2	111.*	Max WS	825.45	113.00 114.00	118.13 118.00 117.72	118.21	0.001934 0.002155 0.002689 0.002315 0.001639 0.001029 0.001378 0.001395 0.001364	2.34 2.16 3.55 3.79 3.26	411.27 494.63 391.93 422.12	389.83 506.63 406.30 439.75 515.46 591.78	0.31 0.32 0.39 0.37 0.32 0.29 0.29 0.30 0.17
RIVER-1 RIVER-1	Reach-2	110 109.*	Max WS	825.33	114.00	118.00 117 72	118.00	0.005133	2.10	494.03 201 03	406.03	0.32
RIVER-1	Reach 2	109."	Max WS	023.77 826.01	113.00	117.72	117.64	0.002003	3.33	422 12	439.75	0.37
RIVER-1	Reach-2	108 107.*	Max WS Max WS Max WS	825.94	112.00	117.39	117.51	0.001639	3.26	507 XII	515.46	0.32
PTVFP_1	Reach-2	106	Max WS	826.05	111 00	117.34	117.42	0.001029	2 88	627.33	591.78	0.26
RIVER-1	Reach-2	105.*	Max WS	826.13	110.50	117.25	117.35	0.001378	3.25	574.06	557.28 526.69	0.29
RIVER-1 RIVER-1 RIVER-1	Reach-2	104 103.*	Max WS Max WS Max WS Max WS Max WS Max WS	825.92	110 00	117.16	117.28	0.001395	3.25 3.60 2.92	627.33 574.06 549.77 594.60 824.18	526.69	0.29
RIVER-1	Reach-2	103.*	Max WS	825.80	110.00 110.00 110.50 111.00	117.13	117.20	0.001564	2.92	594.60	547.99	0.30
KTAFK-T	Reach-2	102 101.*	Max WS	/20.36	110.00	117.12	117.10	0.000448	2.06 2.40	811.43	602.09 595.07	0.17
RIVER-1 RIVER-1	Reach-2	101.7	Max WS	826.20 826.60	110.30	117.00	117.12	0.000038	2.44	798 84	588 22	0.21
RIVER-1	Reach-2	99.*	Max WS	827.06	111.00	116 90	116 95	0.000732	2.54	765.67	585.57	0.22
RIVER-1	Reach-2	98	Max WS Max WS Max WS Max WS	829.38	111.00	116.77	116.83	0.000788	2.54 2.65	798.84 765.67 727.16 722.17 717.72	585.57 579.41 555.69 540.30	0.23 0.22 0.22 0.23
RTVFR-1	Reach-2	98 97.* 96	Max WS	830.24	110.50	116.69	116.74	0.000765	2.64	722.17	555.69	0.22
RIVER-1	Reach-2	96	Max WS	831.03	110.00	116.60	116.66	0.000757	2.63	717.72	540.30	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	95 ×	Max WS	831.93	109.50	117. 48 117. 39 117. 34 117. 25 117. 16 117. 13 117. 12 117. 08 117. 03 116. 90 116. 77 116. 69 116. 69 116. 60 116. 52 116. 42 116. 34 116. 26 116. 18 116. 11 116. 04	116.59	0.000842	2.82	657.94 594.78 588.96 570.80 571.13 571.77	529.41 507.40	0.23
RIVER-1	Reach-2	94	Max WS	832.76	109.00	116.42	116.52	0.000924	3.00	594.78	507.40	0.24
RIVER-1	Reach-2	94 93.* 92 91.*	Max WS	833.65	109.00 109.00	116.34 116.36	116.43	0.000833	2.90 2.83	500.90 570.80	476.23 422.33 437.30 448.61	0.23 0.23 0.23 0.23 0.23 0.22
KTAFK-T	Reach 2	92 01 *	Max WS Max WS	834.31 825 12	108.00	116 18	116 27	0.000789	2.80	571.13	437.30	0.23
RIVER-1 RIVER-1	Reach-2	91. ^ 90	Max WS Max WS	836 34	108.50 108.00	116.11	116.20	0.000812	2.77	571.77	448.61	0.23
RIVER-1	Reach-2	89.*	Max WS	837.24	108.50	116.04	116.12	0.000726	2.72	606.14	431.53	0.22
RIVER-1	Reach-2	88	Max WS	838.14	109.00	115.98	116.05	0.000658	2.67	642.97	415.95	0.21
RIVER-1	Reach-1 Reach-2 Reach-2	87.*	Max WS Max WS Max WS	838.80	108.00	115.95	115.99	0.000448 0.000639 0.000639 0.000732 0.000788 0.000757 0.000842 0.000924 0.000924 0.000766 0.000766 0.000726 0.000726 0.000633	1.96 1.47	785.40	437.82	0.14
RIVER-1	Reach-2	86 85.*	Max WS	Lat Struct 825.45 825.33 825.77 826.01 825.94 826.05 826.13 825.92 825.80 720.36 826.26 827.96 829.38 830.24 831.03 831.93 831.93 831.93 831.76 833.65 834.51 835.43 836.34 837.24 838.80 839.47	107.00	115.94	115.97	0.000142	1.4/	606.14 642.97 785.40 959.72 1058.28	462.86 579.33	0.10
RIVER-1	Reach-2	85.*	Max WS	839.48	107.50	115.93 115.93	118. 21 118. 06 117. 87 117. 64 117. 51 117. 28 117. 20 117. 16 117. 12 117. 08 116. 95 116. 83 116. 74 116. 66 116. 59 116. 35 116. 35 116. 27 116. 20 116. 12 116. 05 115. 99 115. 97 115. 96 115. 94 115. 93	0.000187 0.000210	$\frac{1.51}{1.38}$	1058.28	704.60	0.12 0.12
RIVER-1	Reach-2 Reach-2	84 83.*	Max WS	839.45 848.60	108.00 108.50	115.93 115.90	115 02	0.000367	1.80	994.41	736.56	0.12
RIVER-1	keacn-∠	83."	Max WS	040.00	T00.20	TT3.30	113.33	0.000307	1.00	331112		

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RIVER-1	Reach-2 Reach-2	82 81.56 81.55 81.30 80.95 80.94 80.38 79.3849* 76.9233* 76.19 75.86 75.86 75.40 74.7* 74	Max WS	848.59 609.78 848.16 848.16 848.16 848.16 847.86 847.86 847.88 847.80 847.79 8ridge 844.77 847.76 847.76 847.76 847.76 847.76 847.56 989.38 989.33 989.38 989.33 989.38 989.38 989.38 989.38 989.38 989.38 989.38 989.38 989.38 991.48 993.63 995.54 999.08 8ridge 1002.61 1002.84 1008.11 1012.37 1014.45 1016.43 1018.56 1002.42 1024.42 1024.42 1024.56 1035.88 1035.88 1035.88 1035.88 1035.88 1035.89 1035.89 1035.89 1035.89 1035.58 1035.58 1035.58	109.00 108.22	115.83 115.77	111.92	115.90 115.83	0.000806 0.000397	2.52 1.86	711.45 327.86	777.74 79.32	0.23 0.16
RIVER-1 RIVER-1	Reach-2	81.55	Max WS	Bridae		113.77	111.92			1.00			0.10
RIVER-1 RIVER-1	Reach-2	81.30	Max WS	848.16	108.96 108.83	115.25 115.32		115.56 115.47	0.003596 0.001050	4.45 3.13	190.48 270.96	65.46 61.64	0.46 0.26
RIVER-1 RIVER-1 RIVER-1	Reach-2	80.95	Max WS	848.27	108.83	115.32	112.32	115.47	0.001050	3.13	270.96	61.64	0.26
RIVER-1	Reach-2	80.94 80.38	Max WS	848.16	108 67	115.29		115 45	0.001155	3 21	264 17	63.09	0.28
KTAFK-T	Reach-2	79.3849*	Max WS	847.88	108.67 108.33 108.00	115.10		115.31	0.001514	3.21 3.74 2.66	226.85	274.54	0.32
RIVER-1	Reach-2	78.39	Max WS	847.86	108.00	115.09		115.16	0.000606	2.66	585.62	327.24	0.20
RIVER-1	Reach-2	//.6566* 76 0233*	Max WS	847.84 847.82	107.80	115.08		115.11	0.000299	2.86	264.17 226.85 585.62 990.39 902.82	556.58 750 14	0.14 0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	76.19	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	847.80	107.80 107.60 107.40 107.22	115.29 115.10 115.09 115.08 115.05 114.97 114.89		115.45 115.31 115.16 115.11 115.10 115.08 115.06	0.001155 0.001514 0.000606 0.000299 0.000453 0.000804 0.000991	1.86 2.26 2.96 3.33	564.51 254.54	63.09 274.54 327.24 556.58 750.14 602.82	0.28 0.32 0.20 0.14 0.18 0.23
RIVER-1	Reach-2	75.86	Max WS	847.79	107.22	114.89	111.42	115.06	0.000991	3.33	254.54	344.85	0.26
RIVER-1	Reach-2	75.85		Bridge	106 63					2 26	252 52	120 62	
RIVER-1	Reach-2	73.40 74.7*	Max WS Max WS	847.76	106.63 106.82 107.00 107.43 107.86	114.63		114.60	0.001387	2.60	252.53 430.79 758.64 955.45 1159.92	654.70	0.30
RIVER-1	Reach-2	74	Max WS	847.74	107.00	114.58		114.63	0.000940	2.02	758.64	1084.75	0.23
RIVER-1	Reach-2	73.*	Max WS	847.60	107.43	114.52		114.56	0.000559	1.84	955.45	1162.99	0.18
RIVER-1	Reach-2	72 71 *	Max WS Max WS	047.30 989 38	107.86	114.49		114.32 114.47	0.000398	1.78 2.82	381 84	1228.07	0.16
RIVER-1	Reach-2	70	Max WS	989.38	107.03	114.29		114.37	0.000728	2.21	381.84 448.08	96.70	0.18
RIVER-1	Reach-2	69.*	Max WS	989.37	107.35	114.19		114.29	0.000895	3.36 2.60 2.02 1.84 1.78 2.82 2.21 2.45 2.70	404.43	86.75	0.20
RIVER-1 RIVER-1	Reach-2	69.* 68 67 66 65.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	989.33 989.33	107.86 107.44 107.03 107.35 107.40 107.40 107.20 107.00 106.81 106.62 106.43 106.24	114.07 113 88		114.18 114.04	0.001178	2.70 3.28	366.90 336.59	83.72 125 11	0.23 0.28
RIVER-1	Reach-2	66	Max WS	989.28	107.40	113.67		113.85	0.002170	3.51	310.37	117.60	0.30
RTVFR-1	Reach-2	65.*	Max WS	989.28	107.20	113.52		113.66	0.001623	3.05	333.51	134.08	0.29
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	64 63.* 62.* 61.*	Max WS	989.23	107.00	113.39		113.52	0.001190	2.83	349.83	104.51	0.27
RIVER-1	Reach-2	62.*	Max WS	991.48	106.62	113.10		113.23	0.001475	2.85	348.78	144.01	0.30
RIVER-1	Reach-2	61.*	Max WS	992.56	106.43	112.96		113.07	0.001485	2.71	370.98	162.04	0.29
	Reach-2	60	Max WS	993.63	106.24	112.85		112.94	0.001153	2.45	419.15	186.29	0.26
RIVER-I	Reach-2	59.* 58	Max WS Max WS	993.32 997.54		114.63 114.62 114.58 114.52 114.49 114.34 114.19 114.07 113.88 113.67 113.52 113.39 113.26 113.10 112.85 112.75 112.75		114.80 114.72 114.63 114.56 114.52 114.47 114.37 114.29 114.18 113.66 113.52 113.39 113.23 113.07 112.94 112.84 112.77	0.001387 0.001078 0.000940 0.000559 0.000398 0.001135 0.000728 0.001178 0.0011797 0.002170 0.001623 0.001190 0.001475 0.001726 0.001485 0.001153 0.000898 0.000898	3.28 3.51 3.05 2.83 2.85 2.71 2.45 2.41 2.23	448.08 404.43 366.90 336.59 310.37 333.51 349.83 347.79 348.78 370.98 419.15 431.96 609.73	138.63 654.70 1084.75 1162.99 1228.07 188.14 96.70 86.75 83.72 125.11 117.60 134.08 104.51 121.84 144.01 162.04 186.29 186.39 447.71	0.30 0.23 0.18 0.16 0.24 0.18 0.20 0.23 0.28 0.30 0.27 0.30 0.32 0.27
RIVER-1 RIVER-1 RIVER-1	Reach-2	57.2 57.19	Max WS Max WS Max WS	999.08	105.90 107.05	112.58	110.03	112.73	0.001278	3.15	438.62	393.30	0.29
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	57.19		Bridge	107.05	112 12		112 61	0.001730	2 52	363.40	200 10	0.22
RIVER-1	Reach-2	56.9	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	998.82 1000-61	107.05 105.90 105.85 105.80 105.70 105.60 105.57 105.54 105.68 106.08 106.29 106.31 106.31 106.32 106.31 106.33	112.43 112.40 112.35 112.35 112.14 112.05 111.96 111.85 111.75 111.59 111.59 111.44 111.40 111.36 111.32 111.28 111.25 111.25 111.21		112.61 112.49 112.42 112.36 112.28 112.10 112.01 111.92 111.83 111.74 111.58 111.52 111.44 111.40 111.36 111.32 111.28 111.28 111.28 111.28	0.001720 0.000663 0.000636 0.000561 0.000561 0.0009700 0.000944 0.000963 0.000857 0.000876 0.000458 0.000458 0.000458 0.000458 0.000386 0.000499 0.000365 0.000301 0.000210 0.000210 0.000290 0.001117	3.52 2.36 2.10 1.97 1.91 1.99 2.22	362.40 484.36 544.12 578.13 689.17 688.86 645.44 611.10	368.19 342.12 444.19 539.05 353.07 300.35 287.34 274.03 260.35 246.54 279.40 315.26 351.59 388.07 370.33 365.46 364.05 364.63 381.93 435.12 467.34	0.33 0.21 0.20 0.20 0.17 0.17 0.20 0.22 0.23 0.24 0.24 0.27 0.17 0.16 0.16 0.16 0.15 0.14 0.27 0.28
RIVER-1	Reach-2	55.*	Max WS	1002.18	105.85	112.35		112.42	0.000636	2.10	544.12	444.19	0.20
RIVER-1	Reach-2	54	Max WS	1003.84	105.80	112.30		112.36	0.000667	1.97	578.13	539.05	0.20
RIVER-1 RIVER-1	Reach-2	53.*	Max WS	1008.11	105.70	112.23		112.28 112.18	0.000561	1.91	689.17 688.86	353.07 300.35	0.17
RIVER-1	Reach-2	56. 55.* 54. 53.* 52. 51.*	Max WS	1014.45	105.57	112.05		112.10	0.000839	2.22	645.44	287.34	0.20
RIVER-1	Reach-2	50.* 49.* 48 47.*	Max WS	1016.43	105.54	111.96		112.01	0.000944	2.43	611.10	274.03	0.22
RIVER-1	Reach-2	49.*	Max WS	1018.56	105.50	111.85		111.92	0.000963	2.61	588.19 578.06	260.35 246.54	0.23
RIVER-1	Reach-2	47.*	Max WS	1020.42	105.68	111.67		111.74	0.000876	2.67	619.70	279.40	0.24
RIVER-1	Reach-2	46.*	Max WS	1024.43	105.88	111.59		111.65	0.000796	2.50	682.07	315.26	0.23
RIVER-1	Reach-2	45.*	Max WS	1026.42	106.08	111.53		111.58	0.000636	2.27	770.77	351.59	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	46.* 45.* 44 43.* 42.* 41.*	Max WS Max WS	1020.32	106.29	111.46		111.32	0.000438	2.43 2.61 2.76 2.67 2.50 2.27 2.02 1.88 1.77 1.69	588.19 578.06 619.70 682.07 770.77 888.00 844.72 806.28 776.81 751.97 824.74 955.57 1178.02 1065.75 314.08 310.81	370.33	0.17
RIVER-1	Reach-2	42.*	May MS	1032.20	106.31	111.40		111.44	0.000386	1.77	806.28	365.46	0.16
RIVER-1	Reach-2	41.*	Max WS	1034.04	106.32	111.36		111.40	0.000393	1.69	776.81	364.05	0.16
RIVER-1	Reach-2	40 39 *	Max WS Max WS Max WS Max WS Max WS	1035.99	106.33	111.32		111.30	0.000429	1.62	824.74	381.93	0.15
RIVER-1	Reach-2	39.* 38.* 37.*	Max WS	1035.88	106.01	111.25		111.28	0.000301	1.56	955.57	435.12	0.14
RIVER-1	Reach-2	37.*	Max WS	1035 82	105.84	111.24		111.26	0.000210	1.37	1178.02	467.34	0.12
KTAFK-T	Reach-2	36 35 22	Max WS Max WS	1035.85	103.68 104.52	111.21		111.23	0.000290	3.30	314.08	68.95	0.14
RIVER-1	Reach-2	34.82	Max WS	1035.84	104.52 104.52	111.01	107.77	111.18	0.001117	1.68 3.30 3.33	310.81	68.95 68.67	0.28
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	35.22 34.82 34.81 34.34 33.67*		Bridge				110 02					0.45
RIVER-1	Reach-2	34.34 33 67*	Max WS Max WS	1035.70	104.30 104.12	110.4/ 110.43		110.82 110.64	0.003358	4./3 3.67	282 38	75 - 69	0.43
RIVER-1	Reach-2	33.07	May WS	1035.64	103.93	110.45		110.55	0.000746	2.62	518.29	454.78	0.22
RIVER-1 RIVER-1	Reach-2	32.*	Max WS Max WS Max WS	1035.63	103.40	110.38		110.47	0.003358 0.001736 0.000746 0.000753 0.001108	4.73 3.67 2.62 2.41 2.51	219.11 282.38 518.29 538.82 490.18 316.38	65.27 75.69 454.78 500.39 524.95 166.12	0.22
RIVER-I	Reach-2	31.*	Max WS	1035.59	102.88	110.28 110.00		110.37 110.17	0.001108 0.003365	3.27	490.18 316 38	524.95 166.12	0.26
RIVER-1 RIVER-1	Reach-2	30 29.*	Max WS	1035.57	102.33	109.66		109.85	0.003481	3.52	320.43	455.75	0.43
RIVER-1	Reach-2	33. * 32. * 31. * 30 29. * 28. * 27. *	Max WS Max WS	1035.53	104.30 104.12 103.93 103.40 102.88 102.35 102.34 102.33 102.33	110.47 110.43 110.45 110.38 110.28 110.00 109.66 109.34 109.11		110.82 110.64 110.55 110.47 110.37 110.17 109.85 109.54 109.26	0.003435 0.002632	3.72 3.50	320.43 381.70 539.54	662.87 776.95	0.45 0.33 0.22 0.22 0.26 0.42 0.43 0.39
RIVER-1	Reach-2	27.*	Max WS	1035.48	102.33	109.11		109.26	0.002632	3.50	539.54	//6.95	0.39

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						KiteC	reek.rep						
RIVER-1	Reach-2	26	Max WS	1035.45	102.32	108.98		109.05	0.001500	2.86	813.85	907.59	0.30
RIVER-1	Reach-2	25.*	Max WS	1035.36	101.99	108.81		108.92	0.002268	3.31	689.06	942.31	0.36
RIVER-1	Reach-2	24.*	Max WS	1035.33	101.66	108.63		108.73	0.002531	3.27	631.08	735.43	0.37
RIVER-1	Reach-2	23.*	Max WS	1035.24	101.33	108.45		108.54	0.002647	3.11	671.93	842.60	0.37
RIVER-1	Reach-2	22	Max WS	1035.17	101.00	108.29		108.34	0.002268	2.68	770.30	966.32	0.34
RIVER-1	Reach-2	21.*	Max WS	1035.08	101.27	108.11		108.16	0.002357	2.75	738.96	827.63	0.34
RIVER-1	Reach-2	20.*	Max WS	1034.87	101.54	107.92		107.98	0.002330	2.86	735.05	762.52	0.35
RIVER-1	Reach-2	19.*	Max WS	1034.60	101.82	107.74		107.80	0.002195	2.99	741.66	731.33	0.34
RIVER-1	Reach-2	18	Max WS	1034.15	102.09	107.58		107.63	0.002034	3.07	758.24	707.66	0.33
RIVER-1	Reach-2	17.*	Max WS	1033.24	101.97	107.41		107.47	0.001890	3.08	805.17	798.49	0.32
RIVER-1	Reach-2	16.*	Max WS	1031.63	101.85	107.27		107.31	0.001650	2.83	980.01	1183.19	0.30
RIVER-1	Reach-2	15.*	Max WS	1030.72	101.73	107.18		107.20	0.000843	1.93	1261.99	1204.57	0.21
RIVER-1	Reach-2	14	Max WS	1030.01	101.61	107.14		107.14	0.000429	1.29	1594.13	1220.06	0.15
RIVER-1	Reach-2	13.*	Max WS	1029.53	101.43	107.11		107.12	0.000329	1.06	1740.25	1222.69	0.13
RIVER-1	Reach-2	12.*	Max WS	1029.10	101.26	107.09		107.09	0.000245	0.97	1896.21	1214.36	0.11
RIVER-1	Reach-2	11.*	Max WS	1029.26	101.08	107.07		107.08	0.000184	0.90	2060.84	1199.29	0.10
RIVER-1	Reach-2	10	Max WS	1029.07	100.90	107.06		107.06	0.000139	0.82	2220.50	1164.55	0.09
RIVER-1	Reach-2	9.*	Max WS	1028.88	100.75	107.04		107.05	0.000212	1.05	1837.72	1021.41	0.11
RIVER-1	Reach-2	8.*	Max WS	1028.55	100.60	107.01		107.02	0.000384	1.42	1469.85	970.52	0.15
RIVER-1	Reach-2	7.*	Max WS	1028.24	100.45	106.95		106.97	0.000678	2.03	1194.72	1116.26	0.20
RIVER-1	Reach-2	6	Max WS	1027.53	100.30	106.83		106.90	0.001454	3.12	908.57	1213.20	0.29
RIVER-1	Reach-2	5.*	Max WS	1026.93	100.15	106.71		106.78	0.001275	3.00	958.52	1284.56	0.28
RIVER-1	Reach-2	4.*	Max WS	1026.62	100.00	106.60		106.66	0.001083	2.83	1041.34	1419.82	0.26
RIVER-1	Reach-2	3.*	Max WS	1026.05	99.85	106.51		106.56	0.000896	2.62	1193.19	1692.16	0.24
RIVER-1	Reach-2	2	Max WS	1025.93	99.70	106.45		106.47	0.000560	2.11	1609.20	2205.05	0.19
RIVER-1	Reach-2	1.*	Max WS	1025.87	99.55	106.38		106.43	0.000793	2.58	1307.82	2130.68	0.23
RIVER-1	Reach-2	O	Max WS	1025.83	99.40	106.29	103.75	106.36	0.000807	2.66	1120.83	1845.28	0.23

Appendix P-2: HEC-RAS Results, Existing Conditions Model, 100-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

x	х	xxxxxx	xx	xx		xx	xx	×	x	xxxx
X		X	X	X		X	X	x	X	x
X	X	X	X			X	X	X	X	X
XXX	XXXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
X	Х	X	X			Х	Х	Х	Х	X
Х	Х	X	Х	Х		Х	Х	Х	Х	X
Y	Y	XXXXXX	XX	'YY		Y	Y	v	Y	VVVVV

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 10:09:44 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
RIVER-2	Reach-1	11900	Max WS	601.67	158.00	163.02		163.02	0.000053	0.47	1281.38	305.82	0.04
RIVER-2	Reach-1	11850.*	Max WS	600.15	157.71	163.01		163.02	0.000055	0.46	1316.06	334.38	0.04
RIVER-2	Reach-1	11800	Max WS	600.14	157.42	163.01		163.02	0.000023	0.32	1882.95	425.14	0.03
RIVER-2	Reach-1	11750.*	Max WS	598.67	156.96	163.01		163.01	0.000024	0.33	1837.49	416.35	0.03
RIVER-2	Reach-1	11700	Max WS	598.66	156.50	163.01		163.01	0.000022	0.32	1852.64	395.46	0.03
RIVER-2	Reach-1	11650.*	Max WS	598.65	156.25	163.01		163.01	0.000024	0.34	1748.14	371.65	0.03
RIVER-2	Reach-1	11600	Max WS	597.20	156.00	163.01		163.01	0.000025	0.36	1680.65	347.09	0.03
RIVER-2	Reach-1	11550.*	Max WS	597.19	155.05	163.01		163.01	0.000025	0.35	1698.91	351.33	0.03
RIVER-2	Reach-1	11500	Max WS	595.78	154.11	163.01		163.01	0.000024	0.35	1710.54	355.65	0.03
RIVER-2	Reach-1	11450.*	Max WS	597.17	154.05	163.00		163.01	0.000022	0.33	1827.44	390.87	0.03
RIVER-2	Reach-1	11400	Max WS	597.15	154.00	163.00		163.01	0.000020	0.31	1956.21	434.93	0.03
RIVER-2	Reach-1	11350.*	Max WS	595.77	154.00	163.00		163.00	0.000018	0.29	2034.90	434.94	0.02

RIVER-2	Reach-1	11300	Max WS	595.75	154.00	KiteCreek.rep 163.00	163.00	0.000015	0.27	2239.28	479.62	0.02
RIVER-2	Reach-1	11250.*	Max WS	595.74	154.00	163.00	163.00	0.000012	0.25	2422.30	485.57	0.02
RIVER-2	Reach-1	11200	Max WS	594.38	154.00	163.00	163.00	0.000009	0.23	2626.45	502.64	0.02
RIVER-2	Reach-1	11150.*	Max WS	595.69	153.00	163.00	163.00	0.000007	0.21	2857.07	524.52	0.02
RIVER-2	Reach-1	11100	Max WS	594.37	152.00	163.00	163.00	0.000006	0.19	3094.58	554.28	0.01
RIVER-2	Reach-1	11050.*	Max WS	594.35	152.00	163.00	163.00	0.000005	0.18	3310.35	571.83	0.01
RIVER-2	Reach-1	11000	Max WS	594.34	152.00	163.00	163.00	0.000004	0.17	3599.35	612.54	0.01
RIVER-2	Reach-1	10887.5*	Max WS	594.31	152.00	163.00	163.00	0.000003	0.15	3990.10	609.73	0.01
RIVER-2	Reach-1	10775.*	Max WS	595.52	152.00	163.00	163.00	0.000002	0.13	4521.19	625.06	0.01
RIVER-2	Reach-1	10662.5*	Max WS	594.27	152.00	163.00	163.00	0.000001	0.12	5140.64	657.83	0.01
RIVER-2	Reach-1	10550	Max WS	594.25	152.00	163.00	163.00	0.000001	0.10	5815.38	698.07	0.01
RIVER-2	Reach-1	10490.*	Max WS	594.23	151.60	163.00	163.00	0.000001	0.09	6475.89	807.77	0.01
RIVER-2	Reach-1	10430.*	Max WS	593.14	151.20	163.00	163.00	0.000001	0.08	7093.18	908.62	0.01
RIVER-2	Reach-1	10370.*	Max WS	593.12	150.80	163.00	163.00	0.000001	0.08	7676.10	1006.05	0.00
RIVER-2	Reach-1	10310.*	Max WS	594.13	150.40	163.00	163.00	0.000001	0.07	8235.14	1108.23	0.00
RIVER-2	Reach-1	10250	Max WS	595.01	150.00	163.00	163.00	0.000001	0.07	8779.71	1174.51	0.00
RIVER-2	Reach-1	10200.*	Max WS	594.08	150.00	163.00	163.00	0.000001	0.07	8156.17	1042.81	0.00
RIVER-2	Reach-1	10150	Max WS	594.05	150.00	163.00	163.00	0.000001	0.08	7553.17	876.21	0.00
RIVER-2	Reach-1	10100.*	Max WS	594.02	150.00	163.00	163.00	0.000001	0.08	7228.41	882.04	0.01
RIVER-2	Reach-1	10050	Max WS	593.99	150.00	163.00	163.00	0.000001	0.09	6944.77	803.18	0.01
RIVER-2	Reach-1	10000.*	Max WS	593.97	150.00	163.00	163.00	0.000001	0.08	7215.35	820.23	0.00
RIVER-2	Reach-1	9950	Max WS	593.94	150.00	163.00	163.00	0.000001	0.08	7505.85	842.71	0.00
RIVER-2	Reach-1	9900.*	Max WS	593.92	150.00	163.00	163.00	0.000001	0.07	8338.41	1101.11	0.00
RIVER-2	Reach-1	9850	Max WS	594.67	150.00	163.00	163.00	0.000000	0.07	9060.95	1241.72	0.00
RIVER-2	Reach-1	9800.*	Max WS	593.18	150.00	163.00	163.00	0.000001	0.07	9017.36	1485.00	0.00
RIVER-2	Reach-1	9750	Max WS	594.53	150.00	163.00	163.00	0.000001	0.06	9346.52	1505.48	0.00
RIVER-2	Reach-1	9675.*	Max WS	593.84	149.36	163.00	163.00	0.000000	0.06	10070.95	1538.83	0.00
RIVER-2	Reach-1	9600	Max WS	593.81	148.73	163.00	163.00	0.000000	0.05	10884.88	1582.71	0.00
RIVER-2	Reach-1	9550.*	Max WS	593.78	148.36	163.00	163.00	0.000000	0.04	13250.62	1718.54	0.00
RIVER-2	Reach-1	9500	Max WS	593.74	148.00	163.00	163.00	0.000000	0.04	15722.64	1830.39	0.00
RIVER-2	Reach-1	9450.*	Max WS	593.71	147.00	163.00	163.00	0.000000	0.04	16740.12	1835.90	0.00
RIVER-2	Reach-1	9400	Max WS	593.23	146.00	163.00 Page 2	163.00	0.000000	0.03	18084.44	1807.32	0.00

						KiteCreek	.rep						
RIVER-2	Reach-1	9350.*	Max WS	593.91	145.51	163.00		163.00	0.000000	0.03	17477.53	1738.24	0.00
RIVER-2	Reach-1	9300	Max WS	593.62	145.02	163.00		163.00	0.000000	0.04	16729.20	1633.81	0.00
RIVER-2	Reach-1	9200.*	Max WS	593.55	144.51	163.00		163.00	0.000000	0.04	15569.40	1455.78	0.00
RIVER-2	Reach-1	9100	Max WS	593.49	144.00	163.00		163.00	0.000000	0.04	14359.69	1279.93	0.00
RIVER-2	Reach-1	9050.*	Max WS	593.46	144.00	163.00		163.00	0.000000	0.04	13866.98	1178.12	0.00
RIVER-2	Reach-1	9000	Max WS	593.43	144.00	163.00		163.00	0.00000	0.04	13450.48	1058.23	0.00
RIVER-2	Reach-1	8900.*	Max WS	593.38	143.08	163.00		163.00	0.000000	0.04	13784.44	1025.35	0.00
RIVER-2	Reach-1	8800	Max WS	593.39	142.16	163.00		163.00	0.000000	0.04	13966.46	978.18	0.00
RIVER-2	Reach-1	8700.*	Max WS	593.33	143.70	163.00		163.00	0.000000	0.04	13199.07	996.42	0.00
RIVER-2	Reach-1	8600	Max WS	593.30	145.24	163.00	145.98	163.00	0.000000	0.05	12677.05	998.84	0.00
RIVER-2	Reach-1	8500		Inl Struct									
RIVER-2	Reach-1	8450	Max WS	593.28	140.56	154.39		154.57	0.003543	3.40	174.46	35.86	0.27
RIVER-2	Reach-1	8350	Max WS	595.93	140.09	153.98		154.18	0.004343	3.55	168.03	35.96	0.29
RIVER-2	Reach-1	8250.*	Max WS	598.58	139.60	153.55		153.74	0.004423	3.56	168.06	36.58	0.29
RIVER-2	Reach-1	8150.*	Max WS	601.22	139.11	153.10		153.30	0.004519	3.58	168.17	37.30	0.30
RIVER-2	Reach-1	8050.*	Max WS	603.88	138.62	152.65		152.85	0.004626	3.59	168.27	38.04	0.30
RIVER-2	Reach-1	7950.*	Max WS	606.52	138.13	152.19		152.39	0.004699	3.60	168.47	38.51	0.30
RIVER-2	Reach-1	7850.*	Max WS	609.18	137.64	151.72		151.93	0.004744	3.61	168.86	38.86	0.31
RIVER-2	Reach-1	7750.*	Max WS	611.84	137.15	151.25		151.45	0.004781	3.61	169.29	39.16	0.31
RIVER-2	Reach-1	7650.*	Max WS	614.49	136.66	150.78		150.98	0.004811	3.62	169.70	39.35	0.31
RIVER-2	Reach-1	7550.*	Max WS	617.16	136.17	150.30		150.50	0.004812	3.62	170.35	39.47	0.31
RIVER-2	Reach-1	7450.*	Max WS	619.81	135.68	149.82		150.03	0.004804	3.62	171.05	39.53	0.31
RIVER-2	Reach-1	7350.*	Max WS	622.49	135.19	149.35		149.55	0.004786	3.62	171.89	39.60	0.31
RIVER-2	Reach-1	7250.*	Max WS	625.12	134.70	148.86		149.06	0.004806	3.62	172.46	39.79	0.31
RIVER-2	Reach-1	7150.*	Max WS	627.78	134.21	148.34		148.54	0.004957	3.66	171.48	39.82	0.31
RIVER-2	Reach-1	7050.*	Max WS	630.28	133.72	147.77		147.99	0.005560	3.72	169.33	42.53	0.33
RIVER-2	Reach-1	6950.*	Max WS	597.49	133.23	147.17		147.37	0.005593	3.60	166.14	44.64	0.33
RIVER-2	Reach-1	6850.*	Max WS	591.54	132.74	146.61		146.81	0.005956	3.59	164.98	47.29	0.34
RIVER-2	Reach-1	6750.*	Max WS	590.56	132.25	145.99		146.20	0.006501	3.65	161.80	48.37	0.35
RIVER-2	Reach-1	6650.*	Max WS	638.53	131.76	145.30		145.56	0.008639	4.12	155.06	47.50	0.40
RIVER-2	Reach-1	6550	Max WS	641.00	131.27	144.57		144.87	0.010112	4.37	146.71	45.57	0.43

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RIVER-2	Reach-1	6466.66*	Max WS	643.06	132.84	KiteCreek.rep 143.92	144.15	0.007512	3.84	167.34	57.72	0.40
RIVER-2	Reach-1	6383.33*	Max WS	645.17	134.40	143.48	143.66	0.004362	3.48	185.32	52.71	0.33
RIVER-2	Reach-1	6300	Max WS	647.27	135.97	143.13	143.35	0.003358	3.69	175.26	39.14	0.31
RIVER-2	Reach-1	6250	Max WS	648.52	136.00	142.87	143.15	0.004668	4.20	154.57	36.19	0.36
RIVER-2	Reach-1	6200	Max WS	649.75	135.00	142.44	142.85	0.007155	5.14	126.53	28.34	0.43
RIVER-2	Reach-1	6100.*	Max WS	651.95	134.75	141.96	142.25	0.004959	4.29	152.09	35.58	0.37
RIVER-2	Reach-1	6000.*	Max WS	646.41	134.50	141.59	141.80	0.003698	3.65	177.09	43.49	0.32
RIVER-2	Reach-1	5900.*	Max WS	648.87	134.25	141.24	141.41	0.003095	3.25	199.68	51.96	0.29
RIVER-2	Reach-1	5800.*	Max WS	650.82	134.00	140.87	141.00	0.003596	2.98	218.10	73.60	0.31
RIVER-2	Reach-1	5700.*	Max WS	653.42	133.75	140.42	140.54	0.005511	2.79	234.23	124.53	0.36
RIVER-2	Reach-1	5600.*	Max WS	665.12	133.50	139.88	140.00	0.005893	2.75	242.79	144.98	0.36
RIVER-2	Reach-1	5500.*	Max WS	667.67	133.25	139.23	139.36	0.008288	2.94	228.91	161.28	0.42
RIVER-2	Reach-1	5400	Max WS	670.22	133.00	136.80	137.80	0.027572	8.02	83.59	28.60	0.83
RIVER-2	Reach-1	5304.54*	Max WS	672.65	132.73	135.66	135.97	0.009808	4.45	151.08	60.47	0.50
RIVER-2	Reach-1	5209.09*	Max WS	675.10	132.45	135.04	135.21	0.006349	3.30	204.58	93.59	0.39
RIVER-2	Reach-1	5113.63*	Max WS	677.57	132.18	134.56	134.67	0.005021	2.73	248.47	127.37	0.34
RIVER-2	Reach-1	5018.18*	Max WS	680.03	131.91	134.16	134.25	0.004307	2.37	286.92	162.10	0.31
RIVER-2	Reach-1	4922.72*	Max WS	682.51	131.64	133.80	133.87	0.003897	2.13	320.82	197.97	0.29
RIVER-2	Reach-1	4827.27*	Max WS	685.00	131.36	133.47	133.53	0.003706	1.95	350.70	237.07	0.28
RIVER-2	Reach-1	4731.81*	Max WS	687.47	131.09	133.14	133.20	0.003625	1.82	378.47	280.85	0.28
RIVER-2	Reach-1	4636.36*	Max WS	689.99	130.82	132.82	132.86	0.003702	1.71	402.82	331.78	0.27
RIVER-2	Reach-1	4540.90*	Max WS	692.47	130.55	132.46	132.51	0.004081	1.66	418.36	390.42	0.28
RIVER-2	Reach-1	4445.45*	Max WS	694.98	130.27	132.08	132.13	0.004750	1.65	421.29	442.84	0.30
RIVER-2	Reach-1	4350	Max WS	697.49	130.00	131.47	131.55	0.013879	2.25	309.99	457.35	0.48
RIVER-2	Reach-1	4260.*	Max WS	699.67	129.40	130.87	130.93	0.011246	2.11	333.20	467.92	0.44
RIVER-2	Reach-1	4170.*	Max WS	701.87	128.80	130.39	130.45	0.007654	1.87	376.07	469.95	0.37
RIVER-2	Reach-1	4080.*	Max WS	704.05	128.20	130.03	130.07	0.004990	1.62	433.57	484.27	0.30
RIVER-2	Reach-1	3990.*	Max WS	706.24	127.60	129.74	129.77	0.003745	1.48	477.72	495.48	0.27
RIVER-2	Reach-1	3900	Max WS	708.43	127.00	129.50	129.53	0.003241	1.40	504.92	508.27	0.25
RIVER-2	Reach-1	3800.*	Max WS	711.21	126.70	129.25	129.28	0.003234	1.41	503.78	501.74	0.25
RIVER-2	Reach-1	3700.*	Max WS	713.99	126.40	129.00	129.03	0.003203	1.42	503.96	495.68	0.25
RIVER-2	Reach-1	3600.*	Max WS	716.75	126.10	128.76 Page 4	128.79	0.003143	1.42	505.82	490.30	0.25

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RIVER-2	Reach-1	3500.*	Max WS	719.51	125.80	128.51	128.55	0.003041	1.41	510.26	486.12	0.24
RIVER-2	Reach-1	3400.*	Max WS	722.26	125.50	128.27	128.30	0.002966	1.40	514.17	483.45	0.24
RIVER-2	Reach-1	3300.*	Max WS	725.01	125.20	128.03	128.06	0.002920	1.40	517.21	482.16	0.24
RIVER-2	Reach-1	3200.*	Max WS	727.76	124.90	127.78	127.81	0.002898	1.40	518.82	480.41	0.24
RIVER-2	Reach-1	3100.*	Max WS	730.50	124.60	127.52	127.55	0.002911	1.41	517.82	476.93	0.24
RIVER-2	Reach-1	3000.*	Max WS	733.25	124.30	127.24	127.27	0.003130	1.44	509.40	480.75	0.25
RIVER-2	Reach-1	2900	Max WS	735.99	124.00	126.93	126.96	0.003480	1.46	505.35	507.36	0.26
RIVER-2	Reach-1	2812.5*	Max WS	738.27	123.52	126.64	126.68	0.003865	1.49	495.75	520.81	0.27
RIVER-2	Reach-1	2725.*	Max WS	740.54	123.03	126.37	126.40	0.003920	1.50	493.95	519.11	0.27
RIVER-2	Reach-1	2637.5*	Max WS	742.82	122.55	126.12	126.15	0.003687	1.47	503.95	518.81	0.26
RIVER-2	Reach-1	2550.*	Max WS	745.09	122.07	125.86	125.90	0.003503	1.45	512.40	518.02	0.26
RIVER-2	Reach-1	2462.5*	Max WS	747.36	121.58	125.59	125.62	0.003578	1.47	509.15	515.51	0.26
RIVER-2	Reach-1	2375	Max WS	749.62	121.10	125.33	125.36	0.003468	1.46	514.32	513.90	0.26
RIVER-2	Reach-1	2279.16*	Max WS	752.09	121.07	125.05	125.08	0.003355	1.43	525.06	525.48	0.25
RIVER-2	Reach-1	2183.33*	Max WS	754.55	121.03	124.76	124.79	0.003470	1.44	524.83	535.91	0.26
RIVER-2	Reach-1	2087.5*	Max WS	757.00	121.00	124.49	124.52	0.003401	1.42	533.20	546.61	0.25
RIVER-2	Reach-1	1991.66*	Max WS	759.45	120.97	124.25	124.28	0.003070	1.37	555.78	558.75	0.24
RIVER-2	Reach-1	1895.83*	Max WS	761.89	120.93	124.03	124.06	0.002647	1.30	587.47	571.56	0.23
RIVER-2	Reach-1	1800	Max WS	764.30	120.90	123.83	123.85	0.002156	1.21	630.08	580.89	0.21
RIVER-2	Reach-1	1705.*	Max WS	766.71	120.43	123.63	123.66	0.002356	1.28	601.25	549.77	0.21
RIVER-2	Reach-1	1610.*	Max WS	769.11	119.95	123.42	123.45	0.002657	1.35	569.47	522.68	0.23
RIVER-2	Reach-1	1515,*	Max WS	771.51	119.47	123.17	123.20	0.002995	1.45	534.76	502.74	0.24
RIVER-2	Reach-1	1420	Max WS	773.89	119.00	122.87	122.90	0.003632	1.60	494.42	478.63	0.27
RIVER-2	Reach-1	1324.61*	Max WS	773.86	118.62	122.54	122.58	0.003640	1.60	501.72	574.35	0.27
RIVER-2	Reach-1	1229.23*	Max WS	773.81	118.23	122.22	122.26	0.003511	1.57	518.03	580.52	0.26
RIVER-2	Reach-1	1133.84*	Max WS	773.78	117.85	121.91	121.95	0.003476	1.55	527.85	579.24	0.26
RIVER-2	Reach-1	1038.46*	Max WS	773.71	117.46	121.62	121.65	0.003449	1.52	535.56	576.00	0.26
RIVER-2	Reach-1	943.076*	Max WS	773.61	117.08	121.34	121.38	0.003376	1.48	543.83	572.31	0.26
RIVER-2	Reach-1	847.692*	Max WS	773.45	116.69	121.07	121.11	0.003369	1.46	546.97	565.81	0.25
RIVER-2	Reach-1	752.307*	Max WS	773.41	116.31	120.79	120.82	0.003306	1.49	532.79	520.57	0.25
RIVER-2	Reach-1	656.923*	Max WS	773.34	115.92	120.49	120.53	0.003330	1.56	511.34	471.81	0.26

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RIVER-2	Reach-1	561.538*	Max WS	773.33	115.54	KiteCreek. 120.21	rep	120.25	0.003395	1.61	493.05	436.42	0.26
RIVER-2	Reach-1	466.153*	Max WS	773.30	115.15	119.95		119.99	0.003292	1.64	476.63	389.54	0.26
RIVER-2	Reach-1	370.769*	Max WS	773.17	114.77	119.70		119.75	0.003509	1.71	439.58	334.33	0.27
RIVER-2	Reach-1	275.384*	Max WS	772.71	114.38	119.42		119.49	0.004877	2.03	366.62	273.01	0.32
RIVER-2	Reach-1	180	Max WS	768.53	114.00	118.91		119.07	0.005803	3.24	237.03	102.11	0.38
RIVER-1	Reach-1	372	Max WS	77.91	206.95	208.01		208.19	0.012790	3.50	24.90	44.43	0.71
RIVER-1	Reach-1	371.*	Max WS	77.89	204.98	206.02	206.02	206.31	0.029264	4.34	17.94	31.68	1.02
RIVER-1	Reach-1	370	Max WS	77.87	203.00	204.20		204.37	0.012645	3.32	23.46	32.92	0.69
RIVER-1	Reach-1	369.*	Max WS	80.65	201.50	202.68		202.91	0.018431	3.85	20.97	31.37	0.83
RIVER-1	Reach-1	368	Max WS	83.45	200.00	201.43		201.56	0.009208	2.93	28.44	37.80	0.60
RIVER-1	Reach-1	367.*	Max WS	86.32	199.00	200.40		200.56	0.011254	3.22	26.84	36.24	0.66
RIVER-1	Reach-1	366	Max WS	87.92	198.00	199.28		199.47	0.012532	3.71	31.22	68.32	0.71
RIVER-1	Reach-1	365.*	Max WS	92.23	196.50	197.87		198.11	0.017004	4.10	27.75	64.96	0.82
RIVER-1	Reach-1	364	Max WS	95.12	195.00	196.66		196.81	0.010186	3.32	36.23	65.95	0.64
RIVER-1	Reach-1	363.*	Max WS	97.22	194.14	195.40		195.58	0.018398	3.68	33.36	86.39	0.82
RIVER-1	Reach-1	362	Max WS	99.27	193.28	194.29		194.39	0.009175	2.73	48.01	121.17	0.59
RIVER-1	Reach-1	361.*	Max WS	101.12	192.51	193.40		193.53	0.013438	2.92	34.66	62.08	0.69
RIVER-1	Reach-1	360	Max WS	103.07	191.75	192.51		192.65	0.016291	2.94	35.04	71.62	0.74
RIVER-1	Reach-1	359.*	Max WS	105.97	190.38	191.41		191.51	0.014311	2.58	41.03	92.57	0.68
RIVER-1	Reach-1	358	Max WS	108.89	189.00	190.38		190.44	0.007529	2.00	54.32	110.67	0.50
RIVER-1	Reach-1	357.*	Max WS	110.92	188.00	189.30		189.41	0.014228	2.64	42.02	91.27	0.69
RIVER-1	Reach-1	356	Max WS	112.97	187.00	188.26		188.36	0.007866	2.49	45.36	68.86	0.54
RIVER-1	Reach-1	355.*	Max WS	115.27	186.00	187.60		187.68	0.006018	2.18	52.81	79.97	0.47
RIVER-1	Reach-1	354	Max WS	117.65	185.00	186.67		186.80	0.011742	2.82	41.69	70.86	0.65
RIVER-1	Reach-1	353.*	Max WS	121.51	184.06	185.41		185.50	0.014913	2.31	52.57	144.44	0.68
RIVER-1	Reach-1	352	Max WS	125.42	183.12	184.35		184.39	0.008233	1.59	78.88	243.39	0.49
RIVER-1	Reach-1	351.*	Max WS	129.85	181.56	183.39		183.45	0.011619	1.96	66.10	192.17	0.59
RIVER-1	Reach-1	350	Max WS	134.31	180.00	182.50		182.56	0.006998	1.91	70.16	144.70	0.48
RIVER-1	Reach-1	349.*	Max WS	138.31	179.00	181.78		181.85	0.007518	2.14	64.78	119.47	0.51
RIVER-1	Reach-1	348	Max WS	142.56	178.00	181.13		181.20	0.006263	2.10	67.86	111.49	0.47
RIVER-1	Reach-1	347.*	Max WS	147.06	177.50	180.54		180.62	0.006423	2.21	66.51	103.28	0.49
RIVER-1	Reach-1	346	Max WS	151.78	177.00	179.92 Page 6		180.01	0.005891	2.35	64.69	86.15	0.48

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RIVER-1	Reach-1	345.*	Max WS	155.96	176.50	179.30		179.38	0.006378	2.27	68.72	102.27	0.49
RIVER-1	Reach-1	344	Max WS	160.06	176.00	178.80		178.88	0.004287	2.16	77.01	134.30	0.41
RIVER-1	Reach-1	343.*	Max WS	166.15	175.50	178.31		178.41	0.005113	2.55	65.19	68.90	0.46
RIVER-1	Reach-1	342	Max WS	172.27	175.00	177.74		177.87	0.005721	2.86	60.19	58.16	0.50
RIVER-1	Reach-1	341.*	Max WS	177.17	174.90	177.22		177.31	0.005764	2.45	72.36	89.14	0.48
RIVER-1	Reach-1	340	Max WS	182.03	174.80	176.84		176.88	0.003159	1.78	102.36	129.81	0.35
RIVER-1	Reach-1	339.*	Max WS	186.98	174.55	176.30		176.38	0.007192	2.21	84.59	143.74	0.51
RIVER-1	Reach-1	338	Max WS	191.89	174.30	175.88		175.92	0.003063	1.69	113.44	151.79	0.34
RIVER-1	Reach-1	337.*	Max WS	196.01	173.65	175.53		175.59	0.004333	1.98	99.21	136.44	0.41
RIVER-1	Reach-1	336	Max WS	200.10	173.00	175.17		175.22	0.003018	1.86	107.47	123.11	0.35
RIVER-1	Reach-1	335.*	Max WS	203.87	172.50	174.92		174.97	0.002167	1.82	111.78	103.00	0.31
RIVER-1	Reach-1	334	Max WS	207.65	172.00	174.60		174.72	0.003262	2.80	82.81	84.17	0.40
RIVER-1	Reach-1	333.*	Max WS	212.32	171.60	174.25		174.37	0.003668	2.74	78.14	63.84	0.42
RIVER-1	Reach-1	332	Max WS	216.98	171.19	173.85		173.97	0.004176	2.77	78.28	62.79	0.44
RIVER-1	Reach-1	331.*	Max WS	221.26	171.10	173.45		173.56	0.003981	2.65	83.60	69.49	0.43
RIVER-1	Reach-1	330	Max WS	225.53	171.00	173.09		173.18	0.003653	2.44	92.80	86.64	0.40
RIVER-1	Reach-1	329.*	Max WS	230.05	170.50	172.71		172.82	0.003698	2.60	91.46	98.59	0.41
RIVER-1	Reach-1	328	Max WS	234.56	170.00	172.27		172.40	0.004793	2.98	89.27	138.22	0.47
RIVER-1	Reach-1	327.*	Max WS	238.94	169.50	171.51		171.72	0.010126	3.93	80.29	135.43	0.67
RIVER-1	Reach-1	326	Max WS	243.30	169.00	170.86		170.98	0.005501	3.30	119.95	170.11	0.51
RIVER-1	Reach-1	325.*	Max WS	248.11	168.50	170.25		170.38	0.006760	3.55	116.07	175.90	0.56
RIVER-1	Reach-1	324	Max WS	252.89	168.00	169.77		169.83	0.004027	2.83	158.88	211.81	0.43
RIVER-1	Reach-1	323.*	Max WS	255.91	167.02	169.44		169.53	0.003910	2.68	142.30	245.95	0.42
RIVER-1	Reach-1	322	Max WS	258.92	166.04	169.14		169.23	0.003114	2.31	125.97	301.12	0.37
RIVER-1	Reach-1	321.*	Max WS	261.88	166.02	168.24	168.22	168.53	0.013828	4.46	72.82	172.86	0.77
RIVER-1	Reach-1	320	Max WS	264.80	166.00	167.74		167.79	0.004801	3.11	179.57	264.88	0.47
RIVER-1	Reach-1	319.*	Max WS	267.36	166.00	167.51		167.55	0.002388	1.87	220.80	384.67	0.32
RIVER-1	Reach-1	318	Max WS	269.90	166.00	167.34		167.37	0.002107	1.53	242.20	525.08	0.29
RIVER-1	Reach-1	317.*	Max WS	272.48	165.50	167.17		167.19	0.001967	1.33	254.35	568.46	0.25
RIVER-1	Reach-1	316	Max WS	275.07	165.00	166.71		166.76	0.007673	1.88	146.38	257.90	0.42
RIVER-1	Reach-1	315.*	Max WS	279.75	164.50	165.99		166.06	0.006543	2.23	127.31	195.15	0.45

Rever-1 Reach-1 314													
RAIVER-1 Reach-1 312 Max WS 292.68 163.00 164.83 164.87 0.003046 2.28 239.94 366.77 0.37 RAIVER-1 Reach-1 311.* Max WS 297.03 162.50 164.33 164.83 164.83 0.000903 3.41 152.20 257.89 0.56 RAIVER-1 Reach-1 309.* Max WS 301.67 161.26 163.37 163.54 0.000803 2.51 203.01 238.05 0.37 RAIVER-1 Reach-1 309.* Max WS 301.27 161.26 163.37 163.54 0.000807 3.82 129.73 288.14 0.62 RAIVER-1 Reach-1 308 Max WS 301.10 160.51 163.01 163.06 0.00209 2.16 198.64 421.48 0.31 RAIVER-1 Reach-1 306 Max WS 301.89 159.76 162.70 162.83 0.008457 3.82 129.73 288.14 0.62 RAIVER-1 Reach-1 306 Max WS 302.24 159.00 162.33 162.45 0.005868 3.20 160.66 642.88 0.48 RAIVER-1 Reach-1 305.* Max WS 305.48 159.50 161.86 161.95 0.005868 3.37 195.15 632.50 0.52 RAIVER-1 Reach-1 303.* Max WS 307.6 160.00 161.60 161.62 0.005869 2.92 216.67 645.04 0.48 RAIVER-1 Reach-1 303.* Max WS 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RAIVER-1 Reach-1 302 Max WS 312.91 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RAIVER-1 Reach-1 300 Max WS 313.09 158.31 160.60 161.62 0.003384 3.33 197.09 298.84 0.42 RAIVER-1 Reach-1 299.* Max WS 313.07 158.01 160.60 160.69 0.00064 2.22 159.05 222.11 0.36 RAIVER-1 Reach-1 299.* Max WS 313.07 158.01 160.60 160.60 0.000664 2.22 159.05 222.12 0.36 RAIVER-1 Reach-1 299.* Max WS 313.31 157.51 159.80 160.12 160.14 0.000755 1.44 417.71 449.22 0.20 RAIVER-1 Reach-1 299.* Max WS 333.34 157.51 159.80 160.12 160.14 0.000755 1.24 417.71 449.22 0.20 RAIVER-1 Reach-1 299.* Max WS 333.34 157.51 159.80 160.12 160.14 0.000256 2.25 195.66 2.29 7.7 0.37 RAIVER-1 Reach-1 299.* M	RIVER-1	Reach-1	314	Max WS	284.33	164.00	KiteCreek.rep 165.53	165.60	0.002839	2.29	175.93	267.64	0.36
RIVER-1 Reach-1 311.* MAX WS 297.03 162.50 164.33 164.43 0.006903 3.41 152.20 257.89 0.56 RIVER-1 Reach-1 310 MAX WS 301.36 162.00 163.90 163.96 0.002963 2.51 203.01 238.05 0.37 RIVER-1 Reach-1 308 MAX WS 301.27 161.26 163.37 163.54 0.008457 3.82 129.73 288.14 0.62 RIVER-1 Reach-1 307.* MAX WS 301.10 160.51 163.01 163.06 0.002909 2.16 198.64 421.48 0.31 RIVER-1 Reach-1 307.* MAX WS 301.89 159.76 162.70 162.83 0.004836 3.20 160.76 432.88 0.48 RIVER-1 Reach-1 305.* MAX WS 305.48 159.00 162.33 162.45 0.005868 3.37 195.15 632.50 0.52 RIVER-1 Reach-1 304 MAX WS 307.76 160.00 161.60 161.62 0.001288 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 302 MAX WS 310.99 159.50 161.50 161.52 0.001288 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 302 MAX WS 315.09 159.50 161.42 161.44 0.000794 1.21 388.80 761.68 0.19 RIVER-1 Reach-1 300 MAX WS 315.09 158.50 161.15 161.22 0.001286 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 MAX WS 315.09 158.50 161.15 161.22 0.003266 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 MAX WS 315.09 158.60 160.60 160.60 0.002660 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 299 MAX WS 321.21 158.00 160.21 160.63 160.65 0.003266 2.57 159.05 212.12 0.36 RIVER-1 Reach-1 297 MAX WS 321.21 158.00 160.21 160.03 160.07 160.08 0.002660 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 296 MAX WS 336.65 157.00 158.60 160.07 160.08 0.00293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 296 MAX WS 336.65 157.00 159.34 159.98 159.96 0.002266 2.55 159.06 239.47 0.37 RIVER-1 Reach-1 291 MAX WS 336.65 157.00 159.34 159.39 159.38 0.000277 2.16 2.48 2.49.72 0.37 RIVER-1 Reach-1 292 MAX WS 336.65 15	RIVER-1	Reach-1	313.*	Max WS	288.54	163.50	165.16	165.26	0.004778	2.94	164.61	327.27	0.47
RIVER-1 Reach-1 310 Max WS 301.36 162.00 163.90 163.96 0.002963 2.51 203.01 238.05 0.37 RIVER-1 Reach-1 309.* Max WS 301.27 161.26 163.37 163.54 0.008457 3.82 129.73 288.14 0.62 RIVER-1 Reach-1 307.* Max WS 301.10 160.51 163.01 163.05 0.002009 2.16 193.64 421.48 0.31 RIVER-1 Reach-1 307.* Max WS 301.89 159.76 162.70 162.83 0.004836 3.20 160.76 432.86 0.48 RIVER-1 Reach-1 306 Max WS 302.24 159.00 162.33 162.45 0.005868 3.37 155.15 632.50 0.52 RIVER-1 Reach-1 304 Max WS 305.48 159.50 161.66 161.62 0.00538 2.92 216.67 645.04 0.48 RIVER-1 Reach-1 303.* Max WS 310.09 159.50 161.60 161.62 0.001328 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 303.* Max WS 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 301 Max WS 315.09 158.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 300 Max WS 315.09 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 315.00 158.62 160.37 160.40 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 323.50 158.00 160.02 160.02 0.002664 2.52 159.05 229.84 0.42 RIVER-1 Reach-1 298 Max WS 333.43 157.51 159.80 160.07 160.08 0.002696 2.55 159.65 219.47 0.37 RIVER-1 Reach-1 296 Max WS 333.43 157.51 159.80 160.07 160.08 0.002697 0.002696 2.55 159.65 239.47 0.37 RIVER-1 Reach-1 291.* Max WS 333.43 157.51 159.50 159.14 159.18 0.000289 0.002896 2.55 159.66 259.47 0.37 RIVER-1 Reach-1 291.* Max WS 339.39 157.00 159.14 159.18 0.0002896 2.55 159.66 259.47 0.37 RIVER-1 Reach-1 292	RIVER-1	Reach-1	312	Max WS	292.68	163.00	164.83	164.87	0.003046	2.28	239.94	366.77	0.37
RIVER-1 Reach-1 309.* Max ws 301.27 161.26 163.37 163.54 0.008457 3.82 129.73 288.14 0.62 RIVER-1 Reach-1 308 Max ws 301.10 160.51 163.01 163.06 0.002009 2.16 198.64 421.48 0.31 RIVER-1 Reach-1 306 Max ws 302.24 159.00 162.33 162.45 0.008366 3.20 160.76 432.88 0.48 RIVER-1 Reach-1 305.* Max ws 302.24 159.00 161.36 161.95 0.005868 3.37 155.15 632.50 0.55 RIVER-1 Reach-1 305.* Max ws 305.48 159.50 161.86 161.95 0.005868 3.37 155.15 632.50 0.55 RIVER-1 Reach-1 303.* Max ws 307.76 160.00 161.60 161.62 0.001328 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 302 Max ws 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 301 Max ws 315.09 158.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 300 Max ws 315.09 158.00 161.15 161.22 0.004206 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 299.* Max ws 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 299.* Max ws 319.07 158.62 160.37 160.44 0.000795 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 296 Max ws 323.50 158.00 160.12 160.14 0.000795 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 296 Max ws 323.50 158.00 160.12 160.14 0.000795 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 296 Max ws 323.35 158.00 160.12 160.14 0.000795 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 298 Max ws 333.43 157.51 159.38 159.58 0.002670 2.55 159.65 259.47 0.37 RIVER-1 Reach-1 294 Max ws 333.43 157.51 159.38 159.58 159.66 0.00297 2.38 174.66 249.72 0.37 RIVER-1 Reach-1 298 Max ws 339.34 157.07 159.14 159.18 0.000275 1.74 195.95 181.55 0.01 RIVER-1 Reach-1 286 Max ws 339.39 157.13 158.94 158.87 0.000227 1.72	RIVER-1	Reach-1	311.*	Max WS	297.03	162.50	164.33	164.43	0.006903	3.41	152.20	257.89	0.56
RIVER-1 Reach-1 308 Max ws 301.10 160.51 163.01 160.66 0.002009 2.16 198.64 421.48 0.31 RIVER-1 Reach-1 307.* Max ws 301.89 159.76 162.70 162.83 0.004836 3.20 160.76 432.88 0.48 RIVER-1 Reach-1 305.* Max ws 302.44 159.00 162.33 162.65 0.005868 3.37 195.15 632.50 0.52 RIVER-1 Reach-1 305.* Max ws 302.44 159.00 161.66 161.62 0.005089 2.92 216.67 645.04 0.48 RIVER-1 Reach-1 303.* Max ws 307.76 160.00 161.60 161.62 0.001328 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 303.* Max ws 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 301 Max ws 311.09 158.00 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 301 Max ws 315.09 158.00 161.15 161.22 0.004326 2.77 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max ws 316.44 158.00 160.86 160.95 0.00334 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max ws 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 299.* Max ws 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 299.* Max ws 313.00 158.00 160.21 160.21 160.23 0.001380 2.08 340.79 420.66 0.27 RIVER-1 Reach-1 297 Max ws 321.51 158.00 160.21 160.21 160.23 0.001380 2.08 340.79 420.66 0.27 RIVER-1 Reach-1 296 Max ws 323.50 158.00 160.21 160.21 160.23 0.001380 2.08 340.79 420.66 0.27 RIVER-1 Reach-1 296 Max ws 323.50 158.00 160.21 160.21 160.23 0.001380 2.08 340.79 420.66 0.27 RIVER-1 Reach-1 297 Max ws 323.50 158.00 160.07 160.08 0.00293 0.87 603.27 606.65 0.02 RIVER-1 Reach-1 294 Max ws 323.50 158.00 160.07 160.08 0.00293 0.87 603.27 606.65 0.02 RIVER-1 Reach-1 290 Max ws 336.65 157.00 159.34 159.39 0.00278 2.05 159.66 299.47 0.37 RIVER-1 Reach-1 290 Max ws 336.65 157.00 159.34 159.39 0.00278 2.05 159.66 299.47 0.37 RIVER-1 Reach-1 290 Max ws 336.65 157.00 159.34 159.39 0.00278 2.05 159.66 299.47 0.37 RIVER-1 Reach-1 290 Max ws 336.65 157.00 159.34 158.81 158.83 0.000277 1.72 159.55 181.55 0.23 181.55 0.03 181.70 159.14 158.89 0.00277 1.72 159.55 181.55 0.23 181.55 0.03 181.70 158.70 158.70 158.70 158.70 158.70 158.70 158.70 158.70 158.70 158.70	RIVER-1	Reach-1	310	Max WS	301.36	162.00	163.90	163.96	0.002963	2.51	203.01	238.05	0.37
RTVER-1 Reach-1 307.	RIVER-1	Reach-1	309.*	Max WS	301.27	161.26	163.37	163.54	0.008457	3.82	129.73	288.14	0.62
RIVER-1 Reach-1 306 Max WS 302.24 159.00 162.33 162.45 0.005868 3.37 195.15 632.50 0.52 RIVER-1 Reach-1 305.* Max WS 305.48 159.50 161.86 161.95 0.005089 2.92 216.67 645.04 0.48 RIVER-1 Reach-1 304 Max WS 307.6 160.00 161.60 161.62 0.001328 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 303.* Max WS 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 302 Max WS 310.51 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 301 Max WS 315.09 158.00 161.15 161.52 0.001204 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 300 Max WS 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 318.20 158.31 160.60 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.62 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.44 0.000775 1.44 117.71 449.22 0.20 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.07 160.08 0.000269 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000269 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 294 Max WS 326.75 158.00 160.07 160.08 0.000279 0.002664 2.52 159.05 229.47 0.37 RIVER-1 Reach-1 293.* Max WS 336.65 157.00 159.34 159.96 0.002686 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 299 Max WS 336.65 157.00 159.34 159.98 0.000227 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 299 Max WS 336.65 157.00 159.34 159.99 0.000227 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 299 Max WS 339.34 157.51 159.58 159.66 0.000291 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 299 Max WS 336.45 157.00 159.34 159.94 159.95 0.000227 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 299 Max WS 336.50 157.00 158.81 159.87 0.000277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.88 0.000227 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 345.44 156.00 158.77 158.87 0.000234 2.75 232.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 353.43 155.00 158.79 158.79 158.89 158.67 0.	RIVER-1	Reach-1	308	Max WS	301.10	160.51	163.01	163.06	0.002009	2.16	198.64	421.48	0.31
RIVER-1 Reach-1 305.* Max ws 305.48 159.50 161.86 161.95 0.005089 2.92 216.67 645.04 0.48 RIVER-1 Reach-1 304 Max ws 307.76 160.00 161.60 161.62 0.001328 1.51 401.77 707.80 0.25 RIVER-1 Reach-1 303.* Max ws 310.09 159.50 161.50 161.52 0.001328 1.51 401.77 707.80 0.25 RIVER-1 Reach-1 302 Max ws 312.51 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 301 Max ws 315.09 158.00 161.45 161.22 0.004326 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max ws 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max ws 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 21.21 0.36 RIVER-1 Reach-1 299.* Max ws 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max ws 312.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max ws 325.55 158.00 160.12 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max ws 326.55 158.00 160.07 160.08 0.00293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 293.* Max ws 333.43 157.51 159.58 159.56 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max ws 333.43 157.51 159.58 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 291.* Max ws 339.34 157.51 159.58 159.56 0.00277 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max ws 339.34 157.51 159.58 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max ws 339.34 157.51 159.58 159.58 0.00277 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max ws 339.34 157.51 159.58 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 290 Max ws 339.34 157.51 159.58 159.59 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 290 Max ws 339.34 157.51 159.58 159.50 159.54 159.95 0.00278 2.01 203.61 292.55 0.32 RIVER-1 Reach-1 290 Max ws 339.34 157.51 159.58 159.50 159.54 159.89 0.00277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max ws 339.34 157.51 159.58 158.50 158.67 0.00333 1.29 567.25 449.65 0.15 RIVER-1 Reach-1 288 Max ws 339.34 157.51 159.58 158.50 158.70 158.71 158.75 0.000333 1.29 567.25 449.65 0.15 RIVER-1 Reac	RIVER-1	Reach-1	307.*	Max WS	301.89	159.76	162.70	162.83	0.004836	3.20	160.76	432.88	0.48
RIVER-1 Reach-1 304 Max ws 307.76 160.00 161.60 161.62 0.001328 1.51 401.27 707.80 0.25 RIVER-1 Reach-1 303.* Max ws 310.09 159.50 161.50 161.52 0.001204 1.45 367.15 696.04 0.23 RIVER-1 Reach-1 302 Max ws 312.51 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 301 Max ws 315.09 158.00 161.15 161.22 0.004326 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max ws 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max ws 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 298 Max ws 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max ws 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max ws 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max ws 323.50 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max ws 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 294 Max ws 333.43 157.51 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 292 Max ws 336.55 157.00 159.34 159.99 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 292 Max ws 336.55 157.00 159.34 159.99 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 290 Max ws 339.34 157.07 159.14 159.18 0.00227 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 280 Max ws 339.39 157.13 158.94 158.83 0.000203 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 280 Max ws 341.71 157.00 158.81 158.79 158.78 0.00227 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 280 Max ws 345.24 156.00 158.77 158.78 0.000393 1.29 562.55 497.65 0.15 RIVER-1 Reach-1 286 Max ws 345.43 156.00 158.77 158.78 158.79 0.000383 1.29 562.55 497.65 0.15 RIVER-1 Reach-1 281 Max ws 345.43 156.00 158.70 158.81 158.79 0.000353 1.28 135.95 140.49 0.38 RIVER-1 Reach-1 284 Max ws 345.43 156.00 158.70 158.81 158.79 0.000353 1.28 135.95 140.49 0.38	RIVER-1	Reach-1	306	Max WS	302.24	159.00	162.33	162.45	0.005868	3.37	195.15	632.50	0.52
RIVER-1 Reach-1 303.* Max WS 310.09 159.50 161.50 161.52 0.001204 1.45 367.16 696.04 0.23 RIVER-1 Reach-1 302 Max WS 312.51 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 301 Max WS 315.09 158.00 161.15 161.22 0.004326 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max WS 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 316.40 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 299.* Max WS 319.07 158.62 160.37 160.44 0.002760 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.00293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.66 0.00293 0.87 603.27 606.65 RIVER-1 Reach-1 292 Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 291.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 289 Max WS 334.171 157.00 158.81 158.83 0.00078 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.87 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 285.* Max WS 348.34 156.00 158.77 158.78 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 285.* Max WS 348.34 156.00 158.77 158.79 158.67 0.00343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 285.* Max WS 351.75 156.00 158.70 158.71 158.89 0.00255 1.55 495.25 499.65 0.15 RIVER-1 Reach-1 285.* Max WS 351.75 156.00 158.77 158.79 158.67 0.00343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.77 158.79 158.67 0.00343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 156.00 158.77 158.79 158.67 0.00355 1.55 495.25 499.65 0.18 RIVER-1 Reach-1 284 Max WS 356.89 154.75 157.76 158.79 157.91 0.003555	RIVER-1	Reach-1	305.*	Max WS	305.48	159.50	161.86	161.95	0.005089	2.92	216.67	645.04	0.48
RIVER-1 Reach-1 302 Max WS 312.51 159.00 161.42 161.44 0.000794 1.21 388.80 711.68 0.19 RIVER-1 Reach-1 301 Max WS 315.09 158.00 161.15 161.22 0.004326 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max WS 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 323.33 158.01 159.95 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.56 0.002917 2.38 178.46 249.72 RIVER-1 Reach-1 299. Max WS 333.43 157.51 159.58 159.66 0.002217 2.38 178.46 249.72 RIVER-1 Reach-1 299. Max WS 333.43 157.51 159.58 159.66 0.002217 2.38 178.46 249.72 RIVER-1 Reach-1 299. Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 290 Max WS 339.39 157.07 159.14 159.39 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.89 0.0002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 345.24 156.00 158.77 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 345.84 156.00 158.77 158.75 158.77 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 354.84 156.00 158.77 158.75 158.77 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 354.84 156.00 158.77 158.75 158.77 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 354.84 156.00 158.77 158.75 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158.77 158	RIVER-1	Reach-1	304	Max WS	307.76	160.00	161.60	161.62	0.001328	1.51	401.27	707.80	0.25
RIVER-1 Reach-1 301 Max WS 315.09 158.00 161.15 161.22 0.004326 2.27 173.78 669.07 0.42 RIVER-1 Reach-1 300 Max WS 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.* Max WS 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 291.* Max WS 339.93 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.000297 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.70 158.81 158.87 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.81 158.87 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70	RIVER-1	Reach-1	303.*	Max WS	310.09	159.50	161.50	161.52	0.001204	1.45	367.16	696.04	0.23
RIVER-1 Reach-1 300 Max WS 316.44 158.00 160.86 160.95 0.003394 3.33 197.09 269.84 0.42 RIVER-1 Reach-1 299.° Max WS 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.66 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.° Max WS 333.43 157.51 159.58 159.66 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.° Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 288 Max WS 341.71 157.00 158.81 158.83 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.79 158.79 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.18 158.89 0.00252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.79 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.79 158.79 0.00253 2.88 135.95 140.49 0.38 RIVER-1 Reach-1 288 Max WS 354.43 155.00 158.79 158.79 0.003553 2.88 135.95 140.49 0.38 RIVER-1 Reach-1 288 Max WS 354.43 155.00 158.75 157.78 158.79 0.003553 2.88 135.95 140.49 0.38 RIVER-1 Reach-1 283.° Max WS 356.89 154.75 157.78 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	302	Max WS	312.51	159.00	161.42	161.44	0.000794	1.21	388.80	711.68	0.19
RIVER-1 Reach-1 298 Max WS 318.20 158.31 160.60 160.69 0.002664 2.52 159.05 212.12 0.36 RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.21 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.33 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.39 0.002278 2.01 203.81 292.55 0.33 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.89 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 339.79 157.13 158.94 158.83 0.000277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 348.34 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 345.24 156.00 158.70 158.71 10.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.87 0.000234 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.87 0.000234 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.87 0.000234 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 353.09 155.50 158.59 158.67 0.000234 2.75 213.42 239.08 0.33 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.89 0.000642 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.89 0.000642 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 157.78 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	301	Max WS	315.09	158.00	161.15	161.22	0.004326	2.27	173.78	669.07	0.42
RIVER-1 Reach-1 298 Max WS 319.07 158.62 160.37 160.44 0.002560 2.09 162.17 178.51 0.34 RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 292 Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 290 Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 289 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 288 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 287.** Max WS 348.34 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.** Max WS 348.34 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.** Max WS 348.34 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 497.65 0.15 RIVER-1 Reach-1 288 Max WS 351.75 156.00 158.70 158.70 158.70 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 288 Max WS 351.75 156.00 158.78 158.79 0.000343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 353.09 155.50 158.59 158.69 0.000662 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.	RIVER-1	Reach-1	300	Max WS	316.44	158.00	160.86	160.95	0.003394	3.33	197.09	269.84	0.42
RIVER-1 Reach-1 297 Max WS 321.21 158.00 160.21 160.23 0.001380 2.08 340.79 420.68 0.27 RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.0003553 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 285.* Max WS 351.95 155.00 158.59 158.59 158.67 0.002343 2.75 213.42 239.08 0.33 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.78 155.99 1.0003553 2.88 135.95 140.49 0.38 RIVER-1 REACH-1 281 Max WS 354.89 154.75 155.78 155.79 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	299.*	Max WS	318.20	158.31	160.60	160.69	0.002664	2.52	159.05	212.12	0.36
RIVER-1 Reach-1 296 Max WS 323.50 158.00 160.12 160.14 0.000775 1.44 417.71 449.22 0.20 RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.000293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 348.34 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 286 Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.79 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 356.89 154.75 157.78 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	298	Max WS	319.07	158.62	160.37	160.44	0.002560	2.09	162.17	178.51	0.34
RIVER-1 Reach-1 295 Max WS 326.75 158.00 160.07 160.08 0.00293 0.87 603.27 606.65 0.12 RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	297	Max WS	321.21	158.00	160.21	160.23	0.001380	2.08	340.79	420.68	0.27
RIVER-1 Reach-1 294 Max WS 329.83 158.01 159.89 159.96 0.002896 2.55 195.66 259.47 0.37 RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	296	Max WS	323.50	158.00	160.12	160.14	0.000775	1.44	417.71	449.22	0.20
RIVER-1 Reach-1 293.* Max WS 333.43 157.51 159.58 159.66 0.002917 2.38 178.46 249.72 0.37 RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 284 Max WS 356.89 154.75 157.78 157.79 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	295	Max WS	326.75	158.00	160.07	160.08	0.000293	0.87	603.27	606.65	0.12
RIVER-1 Reach-1 292 Max WS 336.65 157.00 159.34 159.39 0.002278 2.01 203.81 292.55 0.32 RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	294	Max WS	329.83	158.01	159.89	159.96	0.002896	2.55	195.66	259.47	0.37
RIVER-1 Reach-1 291.* Max WS 339.34 157.07 159.14 159.18 0.001812 1.74 195.95 181.55 0.29 RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	293.*	Max WS	333.43	157.51	159.58	159.66	0.002917	2.38	178.46	249.72	0.37
RIVER-1 Reach-1 290 Max WS 339.79 157.13 158.94 158.98 0.002277 1.72 197.47 206.36 0.31 RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	292	Max WS	336.65	157.00	159.34	159.39	0.002278	2.01	203.81	292.55	0.32
RIVER-1 Reach-1 289 Max WS 341.71 157.00 158.81 158.83 0.000708 1.26 428.69 500.14 0.18 RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	291.*	Max WS	339.34	157.07	159.14	159.18	0.001812	1.74	195.95	181.55	0.29
RIVER-1 Reach-1 288 Max WS 345.24 156.00 158.77 158.78 0.000252 1.02 668.37 536.27 0.12 RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	290	Max WS	339.79	157.13	158.94	158.98	0.002277	1.72	197.47	206.36	0.31
RIVER-1 Reach-1 287.* Max WS 348.34 156.00 158.74 158.75 0.000393 1.29 567.25 497.65 0.15 RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	289	Max WS	341.71	157.00	158.81	158.83	0.000708	1.26	428.69	500.14	0.18
RIVER-1 Reach-1 286 Max WS 351.75 156.00 158.70 158.71 0.000555 1.55 495.25 459.67 0.18 RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	288	Max WS	345.24	156.00	158.77	158.78	0.000252	1.02	668.37	536.27	0.12
RIVER-1 Reach-1 285.* Max WS 353.09 155.50 158.59 158.67 0.002343 2.75 213.42 239.08 0.32 RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	287.*	Max WS	348.34	156.00	158.74	158.75	0.000393	1.29	567.25	497.65	0.15
RIVER-1 Reach-1 284 Max WS 354.43 155.00 158.18 158.39 0.006462 3.67 106.59 145.02 0.47 RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	286	Max WS	351.75	156.00	158.70	158.71	0.000555	1.55	495.25	459.67	0.18
RIVER-1 Reach-1 283.* Max WS 356.89 154.75 157.78 157.91 0.003553 2.88 135.95 140.49 0.38	RIVER-1	Reach-1	285.*	Max WS	353.09	155.50	158.59	158.67	0.002343	2.75	213.42	239.08	0.32
MIVEN-1 REACH 1 2001 MAX NO 000100 101110 101110	RIVER-1	Reach-1	284	Max WS	354.43	155.00	158.18	158.39	0.006462	3.67	106.59	145.02	
	RIVER-1	Reach-1	283.*	. Max WS	356.89	154.75		157.91	0.003553	2.88	135.95	140.49	0.38

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RIVER-1	Reach-1	282	Max WS	359.33	154.50	157.55	157.64	0.002179	2.39	173.95	163.66	0.33
RIVER-1	Reach-1	281.*	Max WS	362.70	154.25	157.33	157.41	0.002381	2.32	161.10	137.42	0.34
RIVER-1	Reach-1	280	Max WS	366.10	154.00	157.06	157.15	0.002882	2.32	158.64	131.32	0.36
RIVER-1	Reach-1	279.*	Max WS	369.45	153.25	156.73	156.84	0.003303	2.68	139.44	109.29	0.40
RIVER-1	Reach-1	278	Max WS	372.80	152.50	156.17	156.38	0.006145	3.68	105.90	117.63	0.54
RIVER-1	Reach-1	277.*	Max WS	375.33	152.45	155.72	155.83	0.004986	2.77	144.49	175.52	0.43
RIVER-1	Reach-1	276	Max WS	377.80	152.40	155.24	155.32	0.005584	2.40	169.87	232.15	0.40
RIVER-1	Reach-1	275.*	Max WS	380.80	151.90	154.75	154.83	0.004776	2.33	180.33	256.83	0.37
RIVER-1	Reach-1	274	Max WS	383.64	151.40	154.45	154.49	0.002365	1.85	249.83	334.34	0.27
RIVER-1	Reach-1	273.*	Max WS	385.43	151.30	154.29	154.33	0.001422	1.57	290.11	292.11	0.21
RIVER-1	Reach-1	272	Max WS	387.63	151.20	154.22	154.24	0.000649	1.19	410.02	374.20	0.15
RIVER-1	Reach-1	271.*	Max WS	388.86	150.85	154.14	154.17	0.001116	1.42	331.77	409.05	0.19
RIVER-1	Reach-1	270	Max WS	390.17	150.50	153.88	153.95	0.003914	2.13	183.44	149.59	0.34
RIVER-1	Reach-1	269.*	Max WS	393.48	150.12	153.50	153.58	0.003854	2.20	179.16	138.09	0.34
RIVER-1	Reach-1	268.*	Max WS	396.79	149.75	153.13	153.21	0.003656	2.29	180.02	202.01	0.34
RIVER-1	Reach-1	267.*	Max WS	400.11	149.38	152.76	152.85	0.003676	2.44	175.41	177.56	0.34
RIVER-1	Reach-1	266	Max WS	403.45	149.00	152.31	152.43	0.004914	2.89	149.82	141.14	0.40
RIVER-1	Reach-1	265.*	Max WS	406.44	148.62	151.85	151.98	0.004384	2.91	150.58	134.11	0.38
RIVER-1	Reach-1	264	Max WS	409.41	148.25	151.22	151.41	0.007446	3.58	124.46	144.72	0.49
RIVER-1	Reach-1	263.*	Max WS	412.67	147.84	150.54	150.66	0.007766	2.82	146.71	137.00	0.47
RIVER-1	Reach-1	262	Max WS	415.89	147.43	149.97	150.04	0.005027	2.17	191.88	198.99	0.37
RIVER-1	Reach-1	261.*	Max WS	420.38	146.71	149.44	149.54	0.005050	2.55	165.34	127.22	0.39
RIVER-1	Reach-1	260	Max WS	424.86	146.00	149.05	149.12	0.003109	2.53	214.25	181.22	0.32
RIVER-1	Reach-1	259.*	Max WS	425.56	146.00	148.38	148.68	0.012390	4.62	106.63	105.61	0.63
RIVER-1	Reach-1	258	Max WS	426.24	146.00	148.07	148.15	0.004361	2.77	213.23	243.97	0.38
RIVER-1	Reach-1	257.*	Max WS	428.95	145.50	147.74	147.81	0.003735	2.39	230.57	265.37	0.34
RIVER-1	Reach-1	256	Max WS	431.67	145.00	147.38	147.45	0.004551	2.35	225.92	295.83	0.37
RIVER-1	Reach-1	255.*	Max WS	433.73	144.50	146.96	147.05	0.004934	2.60	195.64	238.82	0.39
RIVER-1	Reach-1	254	Max WS	435.83	144.00	146.31	146.46	0.008319	3.18	149.25	178.98	0.50
RIVER-1	Reach-1	253.*	Max WS	437.88	143.00	145.46	145.64	0.009582	3.54	139.71	164.70	0.54
RIVER-1	Reach-1	252	Max WS	439.88	142.00	144.98	145.07	0.003712	2.67	217.90	249.05	0.35

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RIVER-1	Reach-1	251.*	Max WS	444.73	141.75	144.48	144.57	0.004747	2.94	223.93	330.98	0.39
RIVER-1	Reach-1	250	Max WS	449.50	141.50	144.10	144.13	0.002295	2.03	342.37	488.68	0.27
RIVER-1	Reach-1	249.*	Max WS	451.87	141.25	143.90	143.94	0.002706	1.96	317.89	408.70	0.29
RIVER-1	Reach-1	248	Max WS	454.20	141.00	143.64	143.69	0.003519	2.14	284.88	391.03	0.33
RIVER-1	Reach-1	247.*	Max WS	458.62	140.75	143.32	143.35	0.002402	1.86	314.70	331.92	0.27
RIVER-1	Reach-1	246	Max WS	463.20	140.50	143.13	143.15	0.000996	1.51	394.06	289.63	0.18
RIVER-1	Reach-1	245.*	Max WS	465.22	139.75	142.79	142.95	0.006565	4.13	166.24	169.55	0.48
RIVER-1	Reach-1	244	Max WS	467.21	139.00	142.49	142.58	0.004437	3.57	221.61	225.11	0.39
RIVER-1	Reach-1	243.*	Max WS	468.62	139.50	142.23	142.34	0.004280	3.14	209.79	212.03	0.38
RIVER-1	Reach-1	242	Max WS	469.99	140.00	142.02	142.08	0.003411	2.35	251.01	251.40	0.33
RIVER-1	Reach-1	241.*	Max WS	472.77	139.50	141.70	141.77	0.003947	2.58	238.20	250.13	0.36
RIVER-1	Reach-1	240	Max WS	475.53	139.00	141.38	141.45	0.003983	2.89	242.92	292.71	0.36
RIVER-1	Reach-1	239.*	Max WS	478.70	138.50	141.03	141.10	0.003939	2.52	258.50	316.52	0.35
RIVER-1	Reach-1	238	Max WS	481.86	138.00	140.58	140.66	0.005903	2.65	242.83	336.84	0.42
RIVER-1	Reach-1	237.*	Max WS	484.14	137.50	140.13	140.21	0.006140	2.86	241.39	344.21	0.43
RIVER-1	Reach-1	236	Max WS	486.39	137.00	139.78	139.84	0.004112	2.56	288.98	392.18	0.36
RIVER-1	Reach-1	235.*	Max WS	490.53	136.02	139.34	139.41	0.003659	2.89	276.24	363.79	0.35
RIVER-1	Reach-1	234	Max WS	494.74	135.04	139.08	139.12	0.001400	2.15	391.04	396.72	0.23
RIVER-1	Reach-1	233.*	Max WS	497.25	135.02	138.95	139.00	0.002030	2.53	362.82	424.19	0.27
RIVER-1	Reach-1	232	Max WS	499.73	135.00	138.56	138.71	0.007771	4.67	237.59	439.13	0.50
RIVER-1	Reach-1	231.*	Max WS	501.63	135.00	138.30	138.35	0.002779	2.78	359.05	504.44	0.31
RIVER-1	Reach-1	230	Max WS	503.64	135.00	138.23	138.24	0.000592	1.32	625.04	570.75	0.15
RIVER-1	Reach-1	229.*	Max WS	558.76	134.50	138.13	138.15	0.000962	1.79	563.19	557.23	0.19
RIVER-1	Reach-1	228	Max WS	562.55	134.00	137.98	138.02	0.001611	2.41	466.36	528.46	0.24
RIVER-1	Reach-1	227.*	Max WS	565.48	133.85	137.82	137.86	0.001987	2.43	422.83	481.05	0.26
RIVER-1	Reach-1	226	Max WS	568.41	133.70	137.48	137.56	0.005455	3.20	296.98	422.40	0.41
RIVER-1	Reach-1	225.*	Max WS	569.95	133.48	137.16	137.26	0.005882	3.67	277.88	389.40	0.44
RIVER-1	Reach-1	224	Max WS	571.51	133.25	136.85	136.95	0.005811	3.95	273.90	365.81	0.44
RIVER-1	Reach-1	223.*	Max WS	573.50	133.12	136.49	136.58	0.005502	3.61	287.06	374.67	0.43
RIVER-1	Reach-1	222	Max WS	575.49	133.00	136.25	136.30	0.002994	2.63	357.04	386.12	0.31
RIVER-1	Reach-1	221.*	Max WS	577.32	132.70	136.07	136.12	0.002760	2.48	368.08	410.38	0.31
RIVER-1	Reach-1	220	Max WS	579.11	132.40	135.88 Page 10	135.93	0.003303	2.43	357.44	440.82	0.33

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RIVER-1	Reach-1	219.*	Max WS	579.44	131.80	135.75		135.82	0.003124	2.92	329.71	399.24	0.33
RIVER-1	Reach-1	218	Max WS	579.91	131.20	135.71		135.74	0.001207	2.17	446.18	382.74	0.21
RIVER-1	Reach-1	217.*	Max WS	582.57	131.98	135.59		135.63	0.001535	2.27	409.73	362.06	0.24
RIVER-1	Reach-1	216	Max WS	585.25	132.75	135.42		135.47	0.002192	2.33	361.53	338.35	0.27
RIVER-1	Reach-1	215.*	Max WS	586.43	132.62	135.16		135.28	0.005357	3.53	265.17	330.40	0.43
RIVER-1	Reach-1	214	Max WS	587.12	132.50	134.95		135.01	0.002782	2.46	343.45	351.49	0.31
RIVER-1	Reach-1	213.*	Max WS	588.71	131.88	134.82		134.86	0.001517	2.26	430.58	381.95	0.26
RIVER-1	Reach-1	212	Max WS	590.58	131.25	134.76		134.78	0.000692	1.81	595.18	412.53	0.20
RIVER-1	Reach-1	211.*	Max WS	590.32	131.24	134.65		134.71	0.001688	2.70	404.45	310.90	0.31
RIVER-1	Reach-1	210	Max WS	590.26	131.23	134.43		134.52	0.003988	3.78	300.13	257.59	0.45
RIVER-1	Reach-1	209.44	Max WS	590.10	131.20	134.09	133.71	134.31	0.005321	4.98	232.20	230.77	0.55
RIVER-1	Reach-1	209.43		Inl Struct									
RIVER-1	Reach-1	209.41	Max WS	590.10	129.05	134.09		134.24	0.000565	3.48	333.54	268.34	0.30
RIVER-1	Reach-1	209.24	Max WS	590.08	129.02	133.81		134.37	0.001252	5.98	98.73	228.41	0.48
RIVER-1	Reach-1	209.23		Culvert									
RIVER-1	Reach-1	208.43	Max WS	590.03	128.67	133.53		133.88	0.000791	4.79	123.06	69.44	0.38
RIVER-1	Reach-1	205.91	Max WS	589.92	129.85	133.27		133.75	0.002631	5.56	106.11	42.04	0.62
RIVER-1	Reach-1	205.49	Max WS	589.92	129.75	133.16		133.64	0.002632	5.55	106.34	42.31	0.62
RIVER-1	Reach-1	204.965*	Max WS	589.92	129.62	133.03		133.51	0.002613	5.52	106.88	42.64	0.61
RIVER-1	Reach-1	204.44	Max WS	589.91	129.49	132.90		133.37	0.002589	5.49	107.52	43.01	0.61
RIVER-1	Reach-1	203.626*	Max WS	589.80	129.29	132.70		133.16	0.002571	5.46	108.09	43.40	0.61
RIVER-1	Reach-1	202.813*	Max WS	589.79	129.08	132.51		132.96	0.002491	5.38	109.66	43.95	0.60
RIVER-1	Reach-1	202	Max WS	589.78	128.88	132.32		132.76	0.002434	5.32	110.92	44.47	0.59
RIVER-1	Reach-1	201.36	Max WS	589.67	128.72	132.16		132.60	0.002473	5.37	109.84	43.91	0.60
RIVER-1	Reach-1	200.405*	Max WS	589.65	128.48	131.93		132.37	0.002462	5.37	109.89	43.79	0.60
RIVER-1	Reach-1	199.451*	Max WS	589.52	128.24	131.70		132.14	0.002438	5.35	110.13	43.73	0.59
RIVER-1	Reach-1	198.497*	Max WS	589.36	128.00	131.47		131.91	0.002408	5.34	110.46	43.65	0.59
RIVER-1	Reach-1	197.542*	Max WS	588.96	127.76	131.25		131.69	0.002360	5.30	111.09	43.64	0.59
RIVER-1	Reach-1	196.588*	Max WS	588.72	127.52	131.04		131.47	0.002297	5.26	112.01	43.66	0.58
RIVER-1	Reach-1	195.634*	Max WS	588.14	127.28	130.84		131.25	0.002205	5.18	113.47	43.79	0.57
RIVER-1	Reach-1	194.68*	Max WS	587.38	127.04	130.65		131.05	0.002088	5.09	115.46	43.97	0.55

RIVER-1	Reach-1	193.725*	Max WS	585.95	126.81	KiteCreek.rep 130.47	130.86	0.001970	4.98	117.57	44.19	0.54
RIVER-1	Reach-1	192.771*	Max WS	583.47	126.57	130.32	130.68	0.001795	4.82	121.08	44.61	0.52
RIVER-1	Reach-1	191.817*	Max WS	580.36	126.33	130.18	130.51	0.001604	4.63	125.43	45.13	0.49
RIVER-1	Reach-1	190.862*	Max WS	576.72	126.09	130.07	130.37	0.001406	4.41	130.77	45.78	0.46
RIVER-1	Reach-1	189.908*	Max WS	571.51	125.85	129.97	130.24	0.001209	4.17	136.99	46.53	0.43
RIVER-1	Reach-1	188.954*	Max WS	568.10	125.61	129.89	130.13	0.001032	3.94	144.28	47.42	0.40
RIVER-1	Reach-1	188	Max WS	563.30	125.37	129.83	130.04	0.000871	3.70	152.27	48.36	0.37
RIVER-1	Reach-1	187.7	Max WS	564.52	125.29	129.84	130.02	0.000611	3.34	169.00	47.03	0.31
RIVER-1	Reach-1	187.68		Lat Struct								
RIVER-1	Reach-1	187.65	Max WS	569.47	125.27	129.87	130.01	0.000453	2.99	193.00	52.83	0.27
RIVER-1	Reach-1	187.2	Max WS	631.60	125.15	129.86	129.96	0.000307	2.58	247.46	63.20	0.23
RIVER-1	Reach-1	187.15	Max WS	635.65	125.13	129.85	129.96	0.000329	2.61	243.40	62.66	0.23
RIVER-1	Reach-1	187	Max WS	635.65	125.09	129.87	129.96	0.000263	2.35	270.53	69.34	0.21
RIVER-1	Reach-1	186.81	Max WS	635.57	123.29	129.62	129.98	0.000566	4.83	131.53	72.41	0.34
RIVER-1	Reach-1	186.80		Culvert								
RIVER-1	Reach-1	186	Max WS	635.10	122.98	129.35	129.70	0.000541	4.75	133.70	155.71	0.33
RIVER-1	Reach-1	185.25*	Max WS	635.28	124.49	129.49	129.60	0.000651	2.88	382.41	258.60	0.26
RIVER-1	Reach-1	184.5	Max WS	635.27	126.00	129.49	129.53	0.001233	2.46	522.15	395.98	0.27
RIVER-1	Reach-1	184	Max WS	643.85	126.00	129.40	129.45	0.001290	2.68	497.44	385.94	0.28
RIVER-1	Reach-1	183.*	Max WS	643.99	126.00	129.33	129.37	0.001511	2.63	471.63	372.55	0.27
RIVER-1	Reach-1	182	Max WS	644.23	126.00	129.27	129.30	0.001154	2.11	497.88	360.00	0.21
RIVER-1	Reach-1	181.*	Max WS	644.65	126.00	129.09	129.15	0.002026	2.63	392.66	317.46	0.28
RIVER-1	Reach-1	180	Max WS	645.08	126.00	128.81	128.89	0.003388	3.10	327.51	309.29	0.35
RIVER-1	Reach-1	179.*	Max WS	645.27	125.00	128.54	128.61	0.002518	2.87	385.90	378.15	0.31
RIVER-1	Reach-1	178	Max WS	645.64	124.00	128.41	128.43	0.000962	1.87	565.78	446.35	0.19
RIVER-1	Reach-1	177.*	Max WS	646.34	124.00	128.21	128.25	0.001593	2.24	479.24	455.54	0.24
RIVER-1	Reach-1	176	Max WS	647.04	124.00	127.83	127.89	0.003582	2.57	380.25	454.54	0.34
RIVER-1	Reach-1	175.*	Max WS	647.21	123.50	127.56	127.64	0.004184	3.08	355.24	465.87	0.37
RIVER-1	Reach-1	174	Max WS	647.09	123.00	127.32	127.39	0.003316	3.12	405.84	573.28	0.34
RIVER-1	Reach-1	173.*	Max WS	646.93	123.50	127.20	127.24	0.001826	2.32	536.62	650.81	0.25
RIVER-1	Reach-1	172	Max WS	646.94	124.00	127.16	127.17	0.000582	1.31	829.00	751.12	0.14
RIVER-1	Reach-1	171.*	Max WS	649.01	124.00	127.07 Page 12	127.09	0.000881	1.58	744.46	790.18	0.18

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RIVER-1	Reach-1	170	Max WS	651.01	124.00	126.94	126.96	0.001364	1.90	620.01	693.37	0.22
RIVER-1	Reach-1	169.*	Max WS	651.91	123.50	126.84	126.87	0.002204	2.56	552.18	799.73	0.28
RIVER-1	Reach-1	168	Max WS	652.81	123.00	126.72	126.75	0.002088	2.58	506.98	615.71	0.27
RIVER-1	Reach-1	167.*	Max WS	653.82	122.50	126.59	126.62	0.001732	2.53	562.60	711.87	0.25
RIVER-1	Reach-1	166	Max WS	654.94	122.00	126.50	126.53	0.001151	2.17	685.98	856.75	0.21
RIVER-1	Reach-1	165.*	Max WS	657.80	121.00	126.23	126.27	0.001848	2.28	594.74	1008.33	0.25
RIVER-1	Reach-1	164	Max WS	661.26	120.00	125.96	125.98	0.001470	1.60	622.26	815.04	0.21
RIVER-1	Reach-1	163.*	Max WS	662.44	120.00	125.81	125.84	0.002050	1.89	559.59	867.25	0.25
RIVER-1	Reach-1	162	Max WS	663.31	120.00	125.49	125.57	0.005165	2.76	384.59	780.06	0.40
RIVER-1	Reach-1	161.*	Max WS	663.98	120.40	125.17	125.23	0.002668	2.47	458.60	701.75	0.30
RIVER-1	Reach-1	160	Max WS	664.90	120.79	125.01	125.04	0.001104	1.93	635.03	699.59	0.20
RIVER-1	Reach-1	159.*	Max WS	664.47	120.40	124.92	124.94	0.001004	1.86	656.79	776.47	0.19
RIVER-1	Reach-1	158	Max WS	664.28	120.00	124.83	124.86	0.000863	1.72	684.19	786.95	0.18
RIVER-1	Reach-1	157.*	Max WS	664.13	119.50	124.75	124.78	0.001317	1.88	607.00	795.46	0.22
RIVER-1	Reach-1	156	Max WS	663.87	119.00	124.54	124.61	0.004333	2.68	411.43	762.93	0.37
RIVER-1	Reach-1	155.*	Max WS	665.14	119.00	124.22	124.28	0.002313	2.65	490.78	800.99	0.29
RIVER-1	Reach-1	154	Max WS	666.52	119.00	124.04	124.06	0.001407	2.38	645.34	834.98	0.22
RIVER-1	Reach-1	153.*	Max WS	667.59	119.00	123.93	123.96	0.001196	1.98	680.04	885.77	0.21
RIVER-1	Reach-1	152	Max WS	668.67	119.00	123.84	123.86	0.001201	1.71	698.88	923.42	0.20
RIVER-1	Reach-1	151.*	Max WS	670.29	119.00	123.69	123.71	0.001484	1.67	641.78	922.18	0.22
RIVER-1	Reach-1	150	Max WS	671.67	119.00	123.40	123.45	0.003365	2.09	465.69	857.58	0.32
RIVER-1	Reach-1	149.*	Max WS	672.92	118.50	123.14	123.19	0.001943	2.17	518.30	804.73	0.26
RIVER-1	Reach-1	148	Max WS	674.17	118.00	122.97	123.01	0.001770	2.61	564.82	791.91	0.25
RIVER-1	Reach-1	147.*	Max WS	675.07	117.92	122.82	122.86	0.002121	2.56	590.51	1002.71	0.27
RIVER-1	Reach-1	146	Max WS	675.97	117.83	122.61	122.65	0.003113	2.67	551.49	1063.38	0.32
RIVER-1	Reach-1	145.*	Max WS	676.58	117.92	122.40	122.44	0.002122	2.08	557.46	1062.46	0.27
RIVER-1	Reach-1	144	Max WS	677.19	118.00	122.21	122.25	0.002861	1.87	524.72	1125.43	0.29
RIVER-1	Reach-1	143.*	Max WS	678.12	117.50	122.04	122.07	0.001085	1.75	677.75	1007.00	0.20
RIVER-1	Reach-1	142	Max WS	679.03	117.00	121.95	121.97	0.001124	2.17	740.66	959.00	0.20
RIVER-1	Reach-1	141.*	Max WS	679.78	117.00	121.82	121.85	0.001670	2.62	655.81	999.21	0.24
RIVER-1	Reach-1	140	Max WS	680.25	117.00	121.64	121.69	0.002232	2.96	604.20	1060.98	0.28

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RIVER-1	Reach-1	139.*	Max WS	680.52	117.50		121.55	0.001550	2.32	672.78	999.46	0.24
RIVER-1	Reach-1	138	Max WS	681.02	118.00	121.44	121.45	0.000817	1.61	825.89	970.67	0.17
RIVER-1	Reach-1	137.*	Max WS	681.70	118.00	121.36	121.38	0.001069	1.73	753.94	997.48	0.20
RIVER-1	Reach-1	136	Max WS	682.36	118.00	121.24	121.27	0.001734	2.01	651.36	1110.87	0.25
RIVER-1	Reach-1	135.*	Max WS	683.04	117.50	121.13	121.16	0.001256	1.62	684.56	953.51	0.21
RIVER-1	Reach-1	134	Max WS	683.78	117.00	121.05	121.07	0.000883	1.30	764.66	878.97	0.17
RIVER-1	Reach-1	133.*	Max WS	684.95	117.00	120.95	120.98	0.001116	1.43	655.98	774.35	0.19
RIVER-1	Reach-1	132	Max WS	686.16	117.00	120.85	120.87	0.001017	1.35	626.17	629.08	0.18
RIVER-1	Reach-1	131.*	Max WS	686.76	117.00	120.75	120.78	0.001353	1.47	611.75	832.02	0.21
RIVER-1	Reach-1	130	Max WS	687.42	117.00	120.66	120.68	0.001247	1.35	665.93	812.71	0.20
RIVER-1	Reach-1	129.*	Max WS	687.38	117.00	120.56	120.59	0.001793	1.57	590.39	834.58	0.23
RIVER-1	Reach-1	128	Max WS	687.33	117.00	120.31	120.39	0.005312	2.42	386.67	858.65	0.39
RIVER-1	Reach-1	127.*	Max WS	687.29	116.71	120.10	120.15	0.002735	2.22	476.84	704.70	0.30
RIVER-1	Reach-1	126	Max WS	687.27	116.42	120.04	120.06	0.001347	1.99	670.99	782.53	0.21
RIVER-1	Reach-1	125.*	Max WS	687.26	116.21	120.02	120.04	0.001229	1.74	700.16	830.01	0.21
RIVER-1	Reach-1	124	Max WS	687.25	116.00	120.00	120.01	0.000888	1.37	783.95	844.86	0.17
RIVER-1	Reach-1	123.*	Max WS	687.21	116.18	119.94	119.96	0.001057	1.59	750.08	895.13	0.19
RIVER-1	Reach-1	122	Max WS	687.19	116.35	119.88	119.90	0.000998	1.57	793.28	980.14	0.19
RIVER-1	Reach-1	121.*	Max WS	772.58	115.68	119.73	119.76	0.001855	2.07	600.78	644.80	0.25
RIVER-1	Reach-1	120	Max WS	772.19	115.00	119.59	119.62	0.001142	2.06	678.96	636.57	0.21
RIVER-1	Reach-1	119.*	Max WS	771.57	114.50	119.47	119.52	0.001715	2.79	586.98	603.19	0.28
RIVER-1	Reach-1	118	Max WS	768.98	114.00	119.22	119.38	0.003375	4.26	433.04	561.96	0.44
RIVER-1	Reach-1	117.*	Max WS	767.06	114.50	119.15	119.23	0.001589	2.68	491.34	554.99	0.30
RIVER-1	Reach-1	116	Max WS	763.43	115.00	119.06	119.13	0.001817	2.35	480.65	541.01	0.31
RIVER-1	Reach-1	115.*	Max WS	757.25	114.50	118.98	119.02	0.001275	1.77	531.23	493.26	0.25
RIVER-1	Reach-1	114	Max WS	749.77	114.00	118.91	118.93	0.000822	1.36	626.57	536.61	0.20
RIVER-1	Reach-2	112.05	Max WS	1518.30	112.00	118.91	119.02	0.001675	2.88	744.69	611.96	0.31
RIVER-1	Reach-2	112	Max WS	1517.63	112.00	118.90	119.01	0.001698	2.90	739.01	609.55	0.32
RIVER-1	Reach-2	111.95		Lat Struct								
RIVER-1	Reach-2	111.*	Max WS	1504.62	113.00	118.79	118.89	0.001858	2.69	737.04	628.74	0.32
RIVER-1	Reach-2	110	Max WS	1426.86	114.00	118.74	118.79	0.001323	2.07	953.44	714.34	0.26
RIVER-1	Reach-2	109.*	Max WS	1383.62	113.50	118.56 Page 14	118.62	0.002225	2.55	836.04	663.59	0.34

						KiteCreek.	rep						
RIVER-1	Reach-2	108	Max WS	1374.93	113.00	118.39		118.47	0.001357	3.17	911.69	635.23	0.29
RIVER-1	Reach-2	107.*	Max WS	1373.37	112.00	118.35		118.40	0.000925	2.57	1101.19	728.96	0.24
RIVER-1	Reach-2	106	Max WS	1372.92	111.00	118.32		118.36	0.000592	2.38	1310.11	797.74	0.20
RIVER-1	Reach-2	105.*	Max WS	1371.77	110.50	118.28		118.32	0.000714	2.36	1283.92	813.24	0.21
RIVER-1	Reach-2	104	Max WS	1369.56	110.00	118.24		118.28	0.000687	2.71	1286.73	819.45	0.20
RIVER-1	Reach-2	103.*	Max WS	1369.18	110.00	118.23		118.26	0.000668	2.09	1393.57	914.60	0.20
RIVER-1	Reach-2	102	Max WS	1157.55	110.00	118.23		118.24	0.000249	1.70	1654.90	889.15	0.13
RIVER-1	Reach-2	101.*	Max WS	1484.79	110.50	118.19		118.22	0.000425	2.19	1638.76	875.53	0.17
RIVER-1	Reach-2	100	Max WS	1483.37	111.00	118.17		118.19	0.000435	2.18	1625.93	859.72	0.17
RIVER-1	Reach-2	99.*	Max WS	1482.03	111.00	118.09		118.11	0.000427	2.19	1625.61	865.16	0.17
RIVER-1	Reach-2	98	Max WS	1482.13	111.00	118.01		118.04	0.000416	2.19	1627.46	868.96	0.17
RIVER-1	Reach-2	97.*	Max WS	1482.01	110.50	117.96		117.99	0.000412	2.19	1616.53	850.11	0.17
RIVER-1	Reach-2	96	Max WS	1482.02	110.00	117.92		117.95	0.000410	2.18	1604.76	831.22	0.17
RIVER-1	Reach-2	95.*	Max WS	1481.97	109.50	117.88		117.91	0.000419	2.22	1577.67	833.62	0.17
RIVER-1	Reach-2	94	Max WS	1482.84	109.00	117.83		117.87	0.000426	2.27	1549.43	834.39	0.17
RIVER-1	Reach-2	93.*	Max WS	1482.97	109.00	117.79		117.83	0.000411	2.26	1481.73	743.60	0.17
RIVER-1	Reach-2	92	Max WS	1483.95	109.00	117.74		117.79	0.000416	2.38	1356.65	627.03	0.17
RIVER-1	Reach-2	91.*	Max WS	1484.97	108.50	117.71		117.75	0.000384	2.28	1453.61	1179.86	0.17
RIVER-1	Reach-2	90	Max WS	1486.65	108.00	117.68		117.71	0.000314	2.06	1760.23	1221.77	0.15
RIVER-1	Reach-2	89.*	Max WS	1487.79	108.50	117.65		117.68	0.000312	2.11	1697.95	1208.38	0.15
RIVER-1	Reach-2	88	Max WS	1489.44	109.00	117.62		117.65	0.000309	2.14	1639.35	1085.23	0.15
RIVER-1	Reach-2	87.*	Max WS	1490.31	108.00	117.61		117.63	0.000159	1.69	2181.46	1301.33	0.11
RIVER-1	Reach-2	86	Max WS	1491.53	107.00	117.60		117.61	0.000082	1.30	2800.15	1375.43	0.08
RIVER-1	Reach-2	85.*	Max WS	1491.15	107.50	117.60		117.61	0.000084	1.21	2989.88	1424.66	0.08
RIVER-1	Reach-2	84	Max WS	1491.13	108.00	117.60		117.60	0.000077	1.04	3285.95	1472.81	0.07
RIVER-1	Reach-2	83.*	Max WS	1508.08	108.50	117.59		117.60	0.000110	1.23	2844.47	1383.24	0.09
RIVER-1	Reach-2	82	Max WS	1507.85	109.00	117.58		117.59	0.000154	1.39	2525.97	1282.66	0.11
RIVER-1	Reach-2	81.56	Max WS	1507.84	108.22	117.48	113.50	117.59	0.000630	2.85	971.56	1375.23	0.21
RIVER-1	Reach-2	81.55		Bridge									
RIVER-1	Reach-2	81.30	Max WS	1503.04	108.96	116.24		116.76	0.004673	5.82	258.47	72.38	0.54
RIVER-1	Reach-2	80.95	Max WS	1504.06	108.83	116.33	113.31	116.65	0.001770	4.48	335.50	65.62	0.35

RIVER-1	Reach-2	80.94		Bridge		KiteCreek.	rep						
RIVER-1	Reach-2	80.38	Max WS	1502.50	108.67	116.24		116.57	0.001952	4.60	326.62	67.10	0.37
RIVER-1	Reach-2	79.3849*	Max WS	1501.93	108.33	116.20		116.36	0.001119	3.70	839.46	651.59	0.28
RIVER-1	Reach-2	78.39	Max WS	1501.47	108.00	116.12		116.19	0.000633	3.06	922.08	327.24	0.21
RIVER-1	Reach-2	77.6566*	Max WS	1501.85	107.80	116.12		116.14	0.000268	1.98	1566.28	556.58	0.14
RIVER-1	Reach-2	76.9233*	Max WS	1501.78	107.60	116.10		116.13	0.000290	2.05	1722.71	785.94	0.14
RIVER-1	Reach-2	76.19	Max WS	1501.44	107.40	116.06		116.12	0.000509	2.69	1453.09	1015.28	0.19
RIVER-1	Reach-2	75.86	Max WS	1501.18	107.22	115.84	112.62	116.06	0.001210	4.13	631.64	457.70	0.30
RIVER-1	Reach-2	75.85		Bridge									
RIVER-1	Reach-2	75.40	Max WS	1501.18	106.63	115.84		116.04	0.001311	3.87	614.16	442.24	0.30
RIVER-1	Reach-2	74.7*	Max WS	1501.37	106.82	115.87		115.92	0.000450	2.10	1395.43	936.99	0.18
RIVER-1	Reach-2	74	Max WS	1501.28	107.00	115.87		115.88	0.000209	1.27	2293.05	1288.37	0.12
RIVER-1	Reach-2	73.*	Max WS	1501.16	107.43	115.85		115.87	0.000148	1.21	2628.61	1349.31	0.10
RIVER-1	Reach-2	72	Max WS	1501.04	107.86	115.84		115.85	0.000117	1.18	2950.40	1420.12	0.09
RIVER-1	Reach-2	71.*	Max WS	1740.98	107.44	115.74		115.86	0.000926	3.07	858.75	504.91	0.23
RIVER-1	Reach-2	70	Max WS	1740.97	107.03	115.61		115.75	0.001014	3.01	580.40	103.73	0.22
RIVER-1	Reach-2	69.*	Max WS	1740.83	107.35	115.46		115.63	0.001376	3.35	520.14	96.06	0.25
RIVER-1	Reach-2	68	Max WS	1740.69	107.68	115.27		115.48	0.001768	3.70	470.94	90.51	0.29
RIVER-1	Reach-2	67	Max WS	1740.53	107.40	115.07		115.29	0.002119	4.03	493.40	136.57	0.31
RIVER-1	Reach-2	66	Max WS	1740.16	107.40	114.81		115.07	0.002587	4.34	457.59	134.73	0.34
RIVER-1	Reach-2	65.*	Max WS	1739.70	107.20	114.63		114.84	0.001857	3.85	511.84	178.20	0.32
RIVER-1	Reach-2	64	Max WS	1739.45	107.00	114.46		114.67	0.001572	3.66	504.03	211.99	0.32
RIVER-1	Reach-2	63.*	Max WS	1740.58	106.81	114.32		114.51	0.001620	3.55	524.87	239.66	0.33
RIVER-1	Reach-2	62.*	Max WS	1741.88	106.62	114.18		114.36	0.001627	3.44	546.83	278.42	0.32
RIVER-1	Reach-2	61.*	Max WS	1743.09	106.43	114.05		114.21	0.001463	3.27	579.82	244.72	0.31
RIVER-1	Reach-2	60	Max WS	1744.22	106.24	113.96		114.09	0.001096	2.95	655.06	240.58	0.27
RIVER-1	Reach-2	59.*	Max WS	1747.25	106.07	113.87		113.99	0.000905	2.89	767.19	375.21	0.25
RIVER-1	Reach-2	58	Max WS	1750.26	105.90	113.84		113.92	0.000475	2.49	1135.15	494.34	0.19
RIVER-1	Reach-2	57.2	Max WS	1752.58	107.05	113.76	111.19	113.88	0.000921	3.16	917.45	424.46	0.25
RIVER-1	Reach-2	57.19		Bridge									
RIVER-1	Reach-2	56.9	Max WS	1750.72	107.05	113.64		113.78	0.001145	3.43	832.85	407.22	0.28
RIVER-1	Reach-2	56	Max WS	1753.25	105.90	113.59 Page 16		113.68	0.000630	2.70	923.64	390.60	0.21

						KiteCreek	.rep						
RIVER-1	Reach-2	55.*	Max WS	1755.56	105.85	113.56		113.63	0.000504	2.26	1099.67	478.02	0.19
RIVER-1	Reach-2	54	Max WS	1757.89	105.80	113.53		113.58	0.000434	1.98	1257.24	565.40	0.17
RIVER-1	Reach-2	53.*	Max WS	1764.86	105.70	113.46		113.51	0.000485	2.10	1155.99	407.45	0.17
RIVER-1	Reach-2	52	Max WS	1771.82	105.60	113.37		113.42	0.000593	2.11	1077.49	329.97	0.16
RIVER-1	Reach-2	51.*	Max WS	1775.06	105.57	113.30		113.35	0.000697	2.37	1023.41	319.71	0.19
RIVER-1	Reach-2	50.*	Max WS	1777.86	105.54	113.22		113.28	0.000782	2.59	978.68	309.87	0.21
RIVER-1	Reach-2	49.*	Max WS	1781.07	105.50	113.13		113.20	0.000830	2.82	945.27	301.37	0.22
RIVER-1	Reach-2	48	Max WS	1783.81	105.47	113.03		113.12	0.000815	3.10	923.10	294.92	0.24
RIVER-1	Reach-2	47.*	Max WS	1786.99	105.68	112.96		113.04	0.000746	2.88	1014.31	330.07	0.23
RIVER-1	Reach-2	46.*	Max WS	1790.17	105.88	112.90		112.96	0.000628	2.62	1128.59	372.82	0.21
RIVER-1	Reach-2	45.*	Max WS	1793.76	106.08	112.86		112.90	0.000489	2.37	1272.81	407.97	0.19
RIVER-1	Reach-2	44	Max WS	1796.95	106.29	112.82		112.86	0.000363	2.13	1441.48	434.90	0.16
RIVER-1	Reach-2	43.*	Max WS	1800.29	106.30	112.78		112.82	0.000332	2.06	1392.16	432.32	0.16
RIVER-1	Reach-2	42.*	Max WS	1803.61	106.31	112.75		112.79	0.000317	1.96	1351.69	429.48	0.15
RIVER-1	Reach-2	41.*	Max WS	1806.64	106.32	112.72		112.76	0.000312	1.88	1319.77	425.34	0.15
RIVER-1	Reach-2	40	Max WS	1809.97	106.33	112.69		112.73	0.000317	1.80	1295.99	420.90	0.15
RIVER-1	Reach-2	39.*	Max WS	1809.92	106.17	112.66		112.70	0.000286	1.79	1412.41	468.97	0.14
RIVER-1	Reach-2	38.*	Max WS	1809.87	106.01	112.64		112.67	0.000235	1.70	1612.15	506.46	0.13
RIVER-1	Reach-2	37.*	Max WS	1809.82	105.84	112.63		112.65	0.000176	1.53	1870.01	521.74	0.11
RIVER-1	Reach-2	36	Max WS	1809.76	105.68	112.61		112.63	0.000218	1.75	1775.41	529.08	0.13
RIVER-1	Reach-2	35.22	Max WS	1809.73	104.52	112.37		112.67	0.001575	4.42	409.61	76.46	0.34
RIVER-1	Reach-2	34.82	Max WS	1809.73	104.52	112.30	108.90	112.61	0.001636	4.48	404.08	76.05	0.34
RIVER-1	Reach-2	34.81		Bridge									
RIVER-1	Reach-2	34.34	Max WS	1809.55	104.30	111.03		111.80	0.006458	7.04	257.04	68.72	0.64
RIVER-1	Reach-2	33.67*	Max WS	1809.46	104.12	110.99		111.47	0.003546	5.57	325.13	79.50	0.48
RIVER-1	Reach-2	33	Max WS	1809.45	103.93	111.09		111.25	0.001104	3.47	858.11	605.15	0.28
RIVER-1	Reach-2	32.*	Max WS	1809.43	103.40	110.98		111.12	0.001097	3.19	897.96	684.39	0.27
RIVER-1	Reach-2	31.*	Max WS	1809.34	102.88	110.83		110.97	0.001505	3.25	853.18	755.96	0.31
RIVER-1	Reach-2	30	Max WS	1809.26	102.35	110.50		110.73	0.003746	4.03	689.44	1125.76	0.46
RIVER-1	Reach-2	29.*	Max WS	1809.17	102.34	110.13		110.38	0.003972	4.32	676.93	970.84	0.48
RIVER-1	Reach-2	28.*	Max WS	1808.98	102.33	109.82		110.04	0.003566	4.30	762.35	927.79	0.46

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RIVER-1	Reach-2	27.*	Max WS	1808.80	102.33	KiteCreek.re 109.59	∍ p	109.74	0.002604	3.91	963.36	987.95	0.40
RIVER-1	Reach-2	26	Max WS	1808.61	102.32	109.45		109.53	0.001581	3.24	1283.78	1084.16	0.31
RIVER-1	Reach-2	25.*	Max WS	1808.51	101.99	109.30		109.40	0.002097	3.56	1202.16	1184.04	0.35
RIVER-1	Reach-2	24.*	Max WS	1808.31	101.66	109.12		109.23	0.002710	3.82	1101.52	1258.54	0.40
RIVER-1	Reach-2	23.*	Max WS	1808.10	101.33	108.94		109.02	0.002364	3.36	1156.25	1098.12	0.36
RIVER-1	Reach-2	22	Max WS	1807.97	101.00	108.80		108.85	0.001821	2.80	1309.54	1139.76	0.31
RIVER-1	Reach-2	21.*	Max WS	1807.74	101.27	108.64		108.70	0.001975	2.95	1274.30	1155.06	0.33
RIVER-1	Reach-2	20.*	Max WS	1807.40	101.54	108.47		108.53	0.002160	3.10	1235.82	1139.43	0.34
RIVER-1	Reach-2	19.*	Max WS	1807.16	101.82	108.28		108.34	0.002526	3.33	1193.98	1120.73	0.37
RIVER-1	Reach-2	18	Max WS	1806.76	102.09	108.08		108.16	0.003478	3.84	1171.01	1337.36	0.43
RIVER-1	Reach-2	17.*	Max WS	1805.90	101.97	107.89		107.93	0.002222	3.01	1335.42	1240.96	0.35
RIVER-1	Reach-2	16.*	Max WS	1805.26	101.85	107.74		107.77	0.001410	2.44	1554.55	1243.14	0.28
RIVER-1	Reach-2	15.*	Max WS	1804.56	101.73	107.66		107.68	0.000830	1.92	1845.50	1245.02	0.21
RIVER-1	Reach-2	14	Max WS	1804.30	101.61	107.61		107.62	0.000498	1.46	2177.22	1250.12	0.16
RIVER-1	Reach-2	13.*	Max WS	1804.04	101.43	107.58		107.59	0.000410	1.26	2318.54	1256.91	0.15
RIVER-1	Reach-2	12.*	Max WS	1803.81	101.26	107.55		107.56	0.000332	1.22	2462.01	1249.21	0.14
RIVER-1	Reach-2	11.*	Max WS	1803.59	101.08	107.53		107.53	0.000270	1.17	2612.89	1239.19	0.12
RIVER-1	Reach-2	10	Max WS	1803.56	100.90	107.51		107.51	0.000225	1.10	2755.98	1225.65	0.11
RIVER-1	Reach-2	9.*	Max WS	1803.37	100.75	107.48		107.49	0.000377	1.43	2325.61	1208.24	0.15
RIVER-1	Reach-2	8.*	Max WS	1803.21	100.60	107.43		107.45	0.000575	1.90	1956.19	1321.05	0.18
RIVER-1	Reach-2	7.*	Max WS	1803.06	100.45	107.35		107.38	0.000875	2.49	1676.33	1302.75	0.23
RIVER-1	Reach-2	6	Max WS	1802.80	100.30	107.22		107.30	0.001561	3.47	1419.23	1391.56	0.31
RIVER-1	Reach-2	5.*	Max WS	1802.28	100.15	107.08		107.15	0.001447	3.41	1484.87	1516.86	0.30
RIVER-1	Reach-2	4.*	Max WS	1801.83	100.00	106.96		107.03	0.001325	3.32	1601.02	1707.95	0.29
RIVER-1	Reach-2	3.*	Max WS	1801.64	99.85	106.86		106.91	0.001059	3.02	1938.44	2228.42	0.26
RIVER-1	Reach-2	2	Max WS	1801.37	99.70	106.80		106.83	0.000609	2.33	2416.52	2346.92	0.20
RIVER-1	Reach-2	1.*	Max WS	1801.30	99.55	106.73		106.78	0.000850	2.83	2107.25	2375.63	0.24
RIVER-1	Reach-2	0	Max WS	1801.23	99.40	106.65	105.94	106.71	0.000976	3.09	1859.75	2311.98	0.25

Appendix P-3: HEC-RAS Results, Developed Conditions Model, 10-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

х	х	XXXXXX	XX	xx		XX	xx	Х	X	XXXX
X	X	X	Х	X		Х	Х	Х	Х	X
х	X	X	Х			Х	Х	X	Х	X
XXX	XXXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
X	X	X	Х			Х	Х	Х	X	X
Х	Х	X	X	X		Х	Х	Х	X	X
Х	X	XXXXXX	XX	XX		Х	Х	Х	Х	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 11:21:42 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	11900 11850.* 11800 11750.* 11750.* 11650.* 11650. 11550.* 11450.* 11450.* 11350.* 11350.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	319.02 317.18 316.27 317.17 316.26 317.15 315.36 315.36 316.24 315.36 315.33	158.00 157.71 157.42 156.96 156.25 156.00 155.05 154.11 154.05 154.00 154.00	162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26	(14)	162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26	0.000028 0.000028 0.000011 0.000012 0.000011 0.000011 0.000011 0.000011 0.000010 0.000009 0.000008 0.000008	0.30 0.30 0.20 0.21 0.20 0.21 0.22 0.22 0.22 0.19 0.18 0.17	1053.95 1071.62 1567.27 1530.12 1562.08 1476.20 1426.17 1440.70 1450.46 1541.01 1642.67 1720.82 1889.63 2068.50	296. 98 314. 59 412. 19 400. 13 376. 83 351. 23 331. 12 337. 28 338. 65 374. 30 403. 12 407. 18 455. 23 462. 11	0.03 0.02 0.02 0.02 0.02 0.02 0.02 0.02
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	11200 11150.* 11100 11050.* 11000	Max WS Max WS Max WS Max WS Max WS	314.48 314.46 313.64 314.44 314.42	154.00 153.00 152.00 152.00 152.00	162.25 162.25 162.25 162.25 162.25		162.26 162.25 162.25 162.25 162.25	0.000004 0.000003 0.000003 0.000002 0.000002	0.14 0.13 0.12 0.11 0.10	2260.05 2475.19 2688.48 2893.23 3156.66	478.49 498.27 533.88 545.86 574.08	0.01 0.01 0.01 0.01 0.01
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	10887.5* 10775.* 10662.5* 10550 10490.* 10430.*	Max WS Max WS Max WS Max WS Max WS Max WS	315.17 314.39 314.37 313.64 314.33 314.30	152.00 152.00 152.00 152.00 151.60 151.20	162.25 162.25 162.25 162.25 162.25 162.25		162.25 162.25 162.25 162.25 162.25 162.25	0.00001 0.00001 0.000001 0.00000 0.000000 0.000000	0.09 0.08 0.07 0.06 0.05 0.05	3544.63 4062.98 4656.72 5300.80 5881.47 6425.27 6934.94	584.15 603.40 639.10 681.71 785.23 882.60 981.91	0.01 0.01 0.00 0.00 0.00 0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	10370.* 10310.* 10250 10200.* 10150 10100.* 10050 10000.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	314.27 313.63 314.21 314.18 314.15 314.13 314.63 314.11 314.09	150.80 150.40 150.00 150.00 150.00 150.00 150.00 150.00	162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25		162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	0.00000 0.000000 0.000000 0.000000 0.000000	0.04 0.04 0.04 0.05 0.05 0.05 0.05	7425.21 7920.65 7404.53 6907.02 6583.04 6356.18 6613.16 6884.85	1052.67 1129.89 965.93 856.56 847.82 775.23 795.07 815.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00

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RIVER-2	Reach-1	9900.*	Max WS	314.07 313.62 314.00	150.00 150.00	162.25		162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	0.000000	0.04 0.04	7538.18	1039.59 1201.12 1391.53 1456.41 1495.74 1534.90 1678.72 1729.97 1761.69 1776.63 1704.95 1608.95 1432.17 1249.52 1127.96 1022.80 995.69	0.00 0.00 0.00 0.00 0.00 0.00
RIVER-2	Reach-1 Reach-1	9850 9800.*	Max WS Max WS	313.02	150.00	162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25		162.25	0.000000 0.000000 0.000000 0.000000 0.000000	0.04	8149.41 7946.07 8242.18 8938.59 9722.62 11983.13 14412.61 15411.87 16748.33 16193.90 15520.29 14492.15 13415.52 13005.73 12674.67 13031.26 13247.20 12461.84	1391.53	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	9750	May ME	313.60		162.25		162.25	0.000000	0.04	8242.18	1456.41	0.00
RIVER-2	Reach-1	9675.*	Max WS	313.95	149.36	162.25		162.25	0.000000	0.04	8938.59	1495.74	0.00
RIVER-2	Reach-1	9600	Max WS	313.57	148.73	162.25		162.25	0.000000	0.03	9722.62	1534.90	0.00
RIVER-2	Reach-1	9550.*	Max WS	313.89	148.36	162.25		162.25	0.000000	0.03	11983.13	1678.72	0.00
RIVER-2	Reach-1	9500	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	313.85 214 15	148.00	162.25		162.25	0.000000	0.03 0.02 0.02 0.02	14412.01 15/11 87	1729.97	0.00
RIVER-2 RIVER-2	Reach-1	9400."	Max WS Max WS	313.80	146.00	162.25		162.25	0.000000	0.02	16748.33	1776.63	0.00
RIVER-2	Reach-1	9350.*	Max WS	313.76	145.51	162.25		162.25	0.000000	0.02	16193.90	1704.95	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9800.* 9750 9675.* 9600 9550.* 9500 9450.* 9400 9350.* 9300 9200.*	Max WS Max WS Max WS	313.73	149.36 148.73 148.36 148.00 147.00 146.00 145.51 145.02 144.51 144.00	162.25		162.25	0.000000	0.02 0.02 0.02 0.02 0.02 0.02 0.02	15520.29	1608.95	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RIVER-2	Reach-1	9200.*	Max WS	313.52	144.51	162.25		162.25	0.000000	0.02	14492.15	1432.17	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	9100	Max WS	313.66	144.00	162.25		162.25	0.000000	0.02	13415.52	1249.52	0.00
RIVER-2	Reach-1 Reach-1 Reach-1	9050.*	Max WS Max WS Max WS Max WS	313.51	144.00	162.25		162.25	0.000000	0.02	13005.73	1022 80	0.00
RIVER-2 RIVER-2	Reach-1	9000 8900.* 8800	Max WS May WS	313.50	144.00 143.08 142.16 143.70	162.25		162.25	0.000000	0.02	13031.26	995.69	0.00
RTVER-2	Reach-1	8800	Max WS	313.52	142.16	162.25		162.25	0.000000 0.000000 0.000000	0.02	13247.20	950.91	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	8700.*	Max WS	313.50	143.70	162.25		162.25	0.000000	0.03 0.03	12461.84	980.52	0.00
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	8600	Max WS	313.48	145.24	162.25	145.80	162.25	0.000000	0.03	11936.12	988.38	0.00
RIVER-2	Reach-1	8500		Inl Struct	140 50	152 52		152 64	0.002227	2 76	112 40	20.22	0.25
RIVER-2	Reach-1	8450	Max WS Max WS Max WS	313.47 214 01	140.56	152.52		152.04	0.003337	2.76	113.40 108.09 108.28 108.41 108.49 108.55 108.51 108.42 108.45 108.36 108.23 108.18	29.32 28.78 29.01 29.28 29.56 29.87 30.43	0.25
RIVER-2 RIVER-2	Reach-1	8250.*	Max WS	316.14	139.60	151.72		151.85	0.004237	2.91 2.92 2.93 2.94 2.95 2.96 2.98 2.99 3.00	108.28	29.01	0.27
RIVER-2	Reach-1	8150.*	Max WS	317.48	139.11	151.30		151.43	0.004281	2.93	108.41	29.28	0.27
DTVED_2	Reach-1	8050.*	Max WS	318.82	138.62	150.87		151.01	0.004343	2.94	108.47	29.56	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7950.*	Max WS	320.15	138.13	150.44		150.57	0.004418	2.95	108.49	29.87	0.27
RIVER-2	Reach-1	7850.*	Max WS	321.50	137.64	149.99		150.13	0.004520	2.96	108.55	30.43	0.28
RIVER-2	Reach-1	7/30.° 7650.*	Max WS	322.0 4 324 19	136.66	149.34		149.07	0.004078	2.99	108.31	32.15	0.29
RIVER-2	Reach-1	7550.*	Max WS	325.53	136.17	148.58		148.72	0.004919	3.00	108.45	32.38	0.29
RIVER-2	Reach-1	7450.*	Max WS	326.88	135.68	148.08		148.23	0.005002	3.02	108.36	32.52	0.29
RIVER-2 RIVER-2	Reach-1	7350.*	Max WS	328.24	135.19	147.58		147.73	0.005081	3.03	108.23	32.57	0.29
RIVER-2	Reach-1	7250.*	Max WS	329.58	134.70	147.07		147.22	0.005139	3.05	108.18	32.54	0.29
RIVER-2	Reach-1	8450 8350 8250.* 8050.* 8050.* 7950.* 7850.* 7650.* 7450.* 7450.* 7350.* 7150.* 6950.* 6850.* 6650.* 6650.* 6650.* 6650.* 6550 6466.66* 6383.33* 6300 6200 6100.* 5900.* 5900.* 5800.*	Max WS	330.94	140.56 140.09 139.60 139.11 138.62 138.13 137.64 137.15 136.66 136.17 135.68 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76	140.30		146.71	0.005236	3.02 3.03 3.05 3.07 3.09 3.13 3.17 3.25 3.39	107.82	30.43 31.29 32.15 32.38 32.52 32.57 32.54 32.39 32.20	0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Peach-1	7030." 6950 *	Max WS	332.25	133.72	145.50		145.65	0.005487	3.13	106.66		0.30
RIVER-2	Reach-1	6850.*	Max WS	335.01	132.74	144.95		145.10	0.005696	3.17	105.52	31.49 30.92 30.15	0.31
RIVER-2	Reach-1	6750.*	Max WS	336.36	132.25	144.36		144.53	0.006076	3.25	103.42	30.92	0.31
KTAFK-5	Reach-1	6650.*	Max WS	337.73	131.76	143.72		143.90	0.006820	3.39	99.67	30.15	0.33
RIVER-2	Reach-1	6550	Max WS	339.09	131.27	142.90		143.12	0.008997	3.73 3.72 3.27	90.97	28.76 31.66 37.16 31.77 29.07 23.37 29.22 35.22 41.25 47.14 52.37 55.34 46.34	0.37
RIVER-2 RIVER-2	Reacn-1	6466.66°	Max WS	340.22 341 36	132.84 134.40 135.97 136.00 135.00 134.75 134.50 134.25	142.19		141.83	0.005333	3.72	104.53	37.16	0.34
RTVER-2	Reach-1	6300	Max WS	342.51	135.97	141.33		141.48	0.003198	3.07	111.40	31.77	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1	6250	Max WS	343.19	136.00	141.09		141.28	0.004683	2 56	96.31	29.07	0.34
RIVER-2	Reach-1	6200	Max WS	343.87	135.00	140.74		141.01	0.006322	4.16	82.63	23.37	0.39
KTAFK-5	Reach-1	6100.*	Max WS	345.25	134.75	140.27		140.46	0.004/05	3.55	100 67	29.22	0.34
RIVER-2	Reach-1	6000.*	Max WS	346.62	134.30	139.88		139 66	0.003940	4.16 3.55 3.16 2.91 2.77 2.74	119.68	41.25	0.32
RIVER-2 RIVER-2	Reach-1	5800.*	Max WS	349.38	134.00	139.18		139.30	0.003577	2.77	126.30	47.14	0.30
RTVFR-7	Reach-1	5700.*	Max WS	350.75	134.00 133.75 133.50 133.25 133.00 132.73 132.45 132.18	138.81		138.93	0.003940	2.74	127.98	52.37	0.31
RIVER-2 RIVER-2 RIVER-2	Reach-1	5600.*	Max WS	352.13	133.50	138.36		138.49	0.005064	2.90 3.59	121.50	55.34	0.34
RIVER-2	Reach-1	5500.*	Max WS	353.50	133.25	137.64		137.84	0.008208	6.00	98.39	25.45	0.43
RIVER-2	Reach-1	5400	Max WS	354.88	133.00	133.90		130.40	0.020003	3 33	107 01	56.53	0.43
RIVER-2 RIVER-2	Reacn-1	5304.54° 5200.00*	Max WS	350.20	132.73	134.31		134.47	0.007033	3.33 2.47	144.55	56.53 88.83 121.64 155.06	0.34
RTVER-2	Reach-1	5113.63*	Max WS	358.84	132.18	133.96		134.03	0.004341	2.0h	173.94	121.64	0.30
RIVER-2 RIVER-2	Reach-1	5018.18*	Max WS	360.16	131.91	133.59		133.64	0.004027	1.83	196.37	155.06	0.29
RTVFR-2	Reach-1	4922.72*	Max WS	361.48	131.64	133.25		133.30	0.003901	1.69	214.33	187.59	0.28
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	5500.* 540.5 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45*	Max WS Max WS	362.80	131.91 131.36 131.09 130.82 130.55 130.27 130.00	132.94 122.63		132.98 132.67	0.003829	1.83 1.69 1.58 1.50	229.92 242 82	187.59 219.47 253.23 292.14 335.61	0.27
KIVER-2	Reacn-1	4/31.81* 4636.36*	Max WS	365.43	131.09	132.03		132.37	0.004182	1.45	252.04	292.14	0.28
RIVER-2 RIVER-2	Reach-1	4540.30"	Max WS	366.75	130.55	132.03		132.06	0.004553	1.45 1.41	260.22	335.61	0.28
RIVER-2	Reach-1	4445.45*	Max WS	368.05	130.27	131.75		131.78	0.004502	1.31 1.91 1.81	281.33	402.40 424.78 423.44	0.28
RIVER-2	Reach-1	4350	Max WS	369.37	130.00	131.20		131.26	0.016999	1.91	193.37	424.78	0.50
RIVER-2	Reach-1	4260.*	Max WS Max WS	370.50	129.40	130.58		130.63	0.013868	1.81	205.36 206.54	423.44 410.67	0.46 0.45
RIVER-2	Reach-l	4260.* 4170.* 4080.*	Max WS	313.60 313.60 313.57 313.85 313.57 313.85 314.15 313.76 313.73 313.52 313.56 313.51 313.56 313.51 313.56 313.51 313.56 313.51 313.56 313.51 313.50 313.48 Inl Structr 313.48 314.81 316.14 314.81 316.14 317.48 318.82 320.150 322.84 324.19 325.53 326.88 320.99 333.65 335.01 337.38 339.09 340.22 341.36 337.73 339.09 343.19 343.19 343.19 343.19 343.19 343.19 343.19 343.19 343.19 343.51 346.62 348.00 357.52 358.84 360.16 361.48 362.80 357.52 358.84 366.75 368.05 369.37 372.76 373.88	128.80	152.52 152.13 151.72 151.30 150.44 149.99 149.54 149.06 148.58 147.58 147.58 146.03 145.50 144.95 144.36 143.72 142.90 141.67 141.33 141.09 140.74 141.39.18 139.53 139.53 139.53 139.53 139.53 139.53 131.75 132.63 132.63 132.03 131.75 131.70 130.58 130.58		152.64 152.26 151.85 151.43 151.01 150.57 150.13 149.20 148.72 148.73 147.73 147.73 147.22 146.18 145.65 145.10 144.53 143.12 144.40 141.28 141.28 141.48 141.28 141.39 139.66 139.30 138.93 138.93 138.49 137.84 136.66 137.84 137.84 137.84 137.84 138.93	0.003337 0.004218 0.004237 0.004237 0.004237 0.004237 0.004237 0.004238 0.004418 0.004528 0.004678 0.004678 0.005002 0.005002 0.005013 0.005236 0.005332 0.005487 0.005696 0.006820 0.006820 0.008997 0.003532 0.005421 0.004683 0.004683 0.004683 0.004683 0.003597 0.004553 0.0	1.80 1.55	107.44 106.66 105.52 103.42 99.67 90.97 91.40 104.53 111.40 96.31 82.63 97.21 109.67 119.68 121.50 98.39 59.16 107.01 144.55 173.94 196.37 214.33 229.92 242.82 252.04 260.22 281.33 193.37 205.36 206.54 241.01	432.28	0.25 0.26 0.27 0.27 0.27 0.28 0.28 0.29 0.29 0.30 0.30 0.31 0.31 0.33 0.37 0.39 0.34 0.29 0.34 0.29 0.34 0.29
RIVER-2 RIVER-2	Reach-1 Reach-1	4080.* 3990.*	Max WS Max WS	3/2./0 373 88	128.20 127.60	129.38		129.40	0.004536	1.24	302.26	472.87	0.27
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RIVER-2	Reach-1	3900	Max WS	375.00	127.00	129.16		129.18	0.003513	1.13 1.17	331.89	491.09	0.24 0.25 0.27 0.28 0.28 0.27
RIVER-2	Reach-1 Reach-1	3800.*	Max WS	376.44	126.70	128.88		128.90	0.003855	1.17	321.47	483.44 475.19 467.22	0.25
RIVER-2	Reach-1	3/00.*	Max WS	3//.86	126.40	128.60		128.62	0.004354	1.22 1.27	308.52	4/5.19	0.27
RIVER-2	Reach-1	3600.*	Max WS	3/9.29	120.10	128.32		120.33	0.004637		308.52 297.57 292.22	426.47	0.28
RIVER-2	Reach-1	3400 *	Max WS	30U./1 382 13	126.40 126.10 125.80 125.50	120.03		120.00	0.004363	1.30 1.32	292.22	AN1 92	0.20
DTVED_2	Peach-1	3400."	Max WS	382.13	125.30	127.76		127.01	0.004420	1.33	287.50	383 65	0.27
RTVER-2	Reach-1	3200.*	May WS	384 94	124 90	127 25		127.34	0.004202	1.34	287 48	371 01	0.27
RTVFR-2	Reach-1	3100.*	Max WS	386.34	124.60	126.99		127.02	0.003935	1.33	290.69	367.12	0.26
RIVER-2	Reach-1	3000.*	Max WS	387.74	124.30	126.74		126.77	0.003670	1.30	298.41	369.92	0.25
RIVER-2	Reach-1	2900	Max WS	389.14	125.20 124.90 124.60 124.30 124.00	126.51		126.54	0.003225	1.33 1.30 1.22	318.13	383.65 371.01 367.12 369.92 391.85	0.24
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2812.5*	Max WS	390.30	123.52 123.03	126.31		126.33	0.003332	1.17 1.21	333.12	448.60	0.24
RIVER-2	Reach-1	2725.*	Max WS	391.47	123.03	126.03		126.05	0.004187	1.21	322.78	489.88	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2637.5*	Max WS	392.62	122.55	125.70		125.73	0.005814	1.34	292.58	487.95	0.31
RIVER-2	Reach-1	2550.*	Max WS	393.77	122.07	125.42		125.45	0.006225	1.37	287.40	488.91	0.31
RIVER-2	Reach-1	2462.5*	Max WS	394.90	121.58	125.18		125.21	0.004885	1.29	305.71	4/3.54	0.28
RIVER-2	Reach-1	23/5	Max WS	396.05	122.55 122.07 121.58 121.10 121.07	124.91		124.94	0.004133	1.28	309.00	428.80	0.27
RIVER-2	Reach-1	22/9.10°	Max WS	397.29	121.07	124.01		124.04	0.003006	1.33	299.02 317 01	433.24 513 02	0.29
DTVED-2	Peach-1	2087 5*	May WS	390.34	121 00	124.37		124.33	0.004313	1 15	347.49	528 34	0.25
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	1991.66*	Max WS	401.03	120.97	123.88		123.90	0.003629	1.13	354.15	535.02	0.25
RIVER-2	Reach-1	1895.83*	Max WS	402.27	120.93	123.62		123.63	0.003612	1.13	356.06	537.92	0.24
RIVER-2	Reach-1	1800	Max WS	403.50	120.90	123.43		123.44	0.002533	1.01	400.83	551.79	0.21
RIVER-2	Reach-1	3800.* 3700.* 3600.* 3600.* 3500.* 3400.* 3300.* 3200.* 3100.* 2900 2812.5* 2275.* 2637.5* 2462.5* 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.* 1515.*	Max WS	404.72	120.97 120.93 120.90 120.43	123.26		123.28	0.002350	1.01	402.45	524.45	0.20
RIVER-2	Reach-1	1610.*	Max WS	405.94		123.06		123.08	0.002494	1.05	387.09	495.07	0.21
RIVER-Z	Reach-1	1515.*	Max WS	407.15	119.47 119.00 118.62 118.23 117.85	122.80		122.82	0.003100	1.37 1.29 1.28 1.33 1.26 1.15 1.13 1.01 1.01 1.01 1.05 1.15	333.33	4/0./1	0.27 0.26 0.25 0.24 0.26 0.31 0.31 0.27 0.29 0.25 0.25 0.25 0.25 0.21 0.20 0.21
RIVER-2	Reach 1	1224 61*	Max WS	400.37	119.00	122.31		122.33	0.003626	1.26	320.31	461 75	0.26
RIVER-2	Peach-1	1224.01"	Max WS	408.33	118 23	121 85		121.87	0.003773	1.27	324.44	464.55	0.26
RTVFR-2	Reach-1	1133.84*	Max WS	408.31	117.85	121.55		121.57	0.004061	1.27	325.47	468.50	0.26
RIVER-2	Reach-1	1038.46*	Max WS	408.29	117.46	121.21		121.24	0.004020	1.35	315.06	480.05	0.27
RIVER-2	Reach-1	943.076*	Max WS	408.27	117.08	120.86		120.89	0.004420	1.44	297.18	432.51	0.28
RIVER-2	Reach-1	847.692*	Max WS	408.26	116.69	120.51		120.54	0.004002	1.26 1.27 1.27 1.35 1.44 1.51	286.14	362.98	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384* 180 326 325.5* 325.5* 324.5*	Max WS	408.24	117.08 116.69 116.31 115.92 115.54 115.15 114.77 114.38 114.00 169.00 168.75	120.14		120.17	0.004029	1.62 1.71 1.76	289.05 287.59 287.48 290.69 298.41 318.13 333.12 322.78 292.58 287.40 305.71 309.06 299.82 317.01 354.15 356.06 400.83 402.45 387.49 355.55 326.31 328.92 324.44 325.47 315.06 297.18 286.14 268.88 254.29 247.70 246.49 245.71 234.87 196.43 71.33 107.13 127.150	448.60 489.88 487.95 488.91 473.54 428.86 455.24 533.92 537.92 537.92 551.79 524.45 495.07 476.71 456.59 464.55 468.50 480.05 480.05 432.51 362.98 311.79 284.02 258.27 234.65 206.41 153.33	0.26 0.27 0.27 0.28 0.27 0.29 0.29 0.29 0.26 0.20 0.20 0.27 0.18 0.43
RIVER-2	Reach-1	656.923*	Max WS	408.24	115.92	119.//		119.81	0.004363	1.71	254.29	284.02	0.29
KIVER-2	Reach 1	766 153*	Max WS	400.17	115 15	110 15		110.49	0.004244	1 78	246.49	234 65	0.23
DI/ED-2	Peach-1	370 769*	Max WS	401.10	114 77	118.88		118.93	0.003000	1.78 1.76	245.71	206.41	0.26
RTVFR-2	Reach-1	275.384*	Max WS	333.67	114.38	118.67		118.70	0.001838	1.48	234.87	153.33	0.20
RTVFR-2	Reach-1	180	Max WS	307.96	114.00	118.50		118.54	0.001695	1.57	196.43	100.37	0.20
RIVER-1	Reach-1	326	Max WS	74.60	169.00	170.54		170.57	0.001690	1.59	71.33	135.42	0.27
RIVER-1	Reach-1	325.5*	Max WS	74.24	168.75	170.50		170.51	0.000710	1.48 1.57 1.59 1.12 2.80	107.13	164.54	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	325.*	Max WS	203.39	168.50 168.25 168.00 167.02	170.28		170.36	0.004089	2.80	121.50	133.33 100.37 135.42 164.54 183.37 200.84 211.17 214.79	0.43
	Reach-1	324.5*	Max WS	251.18	168.25	169.98		1/0.09	0.006230	3.43 2.86 4.18 6.18	128.05	200.84	0.54
RIVER-1	Reach-1	324	Max WS	251.04	168.00	169.75		169.82	0.004138	2.00 4.19	110.20	211.17	0.44 0.57 0.86 0.57
RIVER-1	Reach-1	323.^	Max WS	251.10 251.50	166 04	168.44	168.49	168 99	0.000434	6 18	51 07	68.28	0.86
DTVED-1	Peach-1	320	Max WS	265 58	166.00	167.65	100.43	167.73	0.007261	3 66	156.58	260.40	0.57
RTVFR-1	Reach-1	319.*	Max WS	265.38	166.00	167.45		167.50	0.003002	2.03	200.90	380.21	0.36
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	324.3" 323.* 322 320 319.* 318 317.*	Max WS	264.44	166.04 166.00 166.00 165.50 165.00	167.29		167.33	0.002594	2.03 1.63 1.53 2.21 2.23 2.25	218.19	260.40 380.21 519.26 544.78 211.78 184.90 259.30 316.88	0.32
RIVER-1	Reach-1	317.*	Max WS	264.17	165.50	167.08		167.12	0.002370	1.53	206.31	544.78	0.31
RIVER-1	Reach-1	316	Max WS	264.07	165.00	166.59		166.67	0.007540	2.21	119.75	211.78	0.52
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	316.* 315.* 314. 313.* 312.	Max WS	265.03	164.50	165.95		166.03	0.005508	2.23	119.73	184.90	0.46
RIVER-1	Reach-1	314	Max WS	265.70	164.00	165.49 165.11		165.30	0.002867	2.23	149 20	239.30 316.88	0.30
KIVEK-I	Reach 1	313."	Max WS	266 32	163.30	164 78		164.82	0.003010	2 26	221.07	363.26	0.38
DTVFD-1	Reach-1	311 *	Max WS	266.94	162.50	164.27		164.38	0.007059	2.26 3.34	138.80	249.14	0.56
RTVFR-1	Reach-1	310	Max WS	267.93	162.00	163.87		163.91	0.002636	2.33	194.70	236.52	0.35
	Reach-1 Reach-1	310 309.* 308 307.*	Max WS	268.54	165.00 164.50 164.00 163.50 163.00 162.50 162.00 161.26 160.51 159.76	163.31		163.50	0.009145	3.85	109.72	316.88 363.26 249.14 236.52 274.93 169.28 411.89 627.68 621.41 698.58 681.27 692.11	0.64
$RIVER-\overline{1}$	Reach-1	308	Max WS	269.25	160.51	162.93		162.98	0.002011	2 08	176.49	169.28	0.31
RIVER-1	Reach-1	307.*	Max WS	269.64	159.76	162.62		162.77	0.005819	3.36	116.53	411.89	0.52
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	306	Max WS	270.02	133.00	162.26		162.42	0.00/185	3.60	155.12	027.08 621.41	0.57
RIVER-1	Reach-1	305.*	Max WS	266.05	159.00 159.00	161.74		161.88	0.0004/1	3.28 1.61	140.33 331 58	698 58	0.34
KTAFK-T	Keach-1	304 303.*	CW XSM	202./9 261 97	158.00	161 37		161 41	0.001331	1 95	308 17	681.27	0.26
RIVER-1 RIVER-1	Reach-1 Reach-1	303.^ 302	MAX WS	256 RO	158 50	161 24		161.30	0.001932	3.36 3.60 3.28 1.61 1.95 2.75	269.91	692.11	0.33
RIVER-1	Reach-1	302 301.*	MAX WS MA	251.73	158.25	161.08		161.16	0.002296	2.93	156.26 110.47 51.07 156.58 200.90 218.19 206.31 119.75 119.73 165.04 149.20 221.07 138.80 194.70 109.72 176.49 116.53 153.12 146.33 331.58 308.17 269.91 229.15 224.67	022.00	0.35
RIVER-1	Reach-1	300	Max WS	376.44 377.89 380.71 382.13 384.94 386.34 387.74 389.130 391.47 392.67 393.77 394.90 396.29 398.54 399.79 401.03 402.27 403.50 404.72 405.94 407.15 408.31 408.31 408.31 408.31 408.31 408.29 408.26 408.27 408.31 408.31 408.29 408.26 408.24 408.31 408.27 408.31 408.31 408.31 408.31 408.27 408.32 408.24 408.31 408.27 408.32 408.24 408.31 408.27 408.32 408.32 408.24 408.33 408.27 408.33 408.26 408.27 408.32 408.32 408.33 408.26 408.27 408.33 408.34 408.31 408.32 408.32 408.32 408.32 408.32 408.33 408.33 408.24 408.31 408.32 408.32 408.32 408.32 408.32 408.32 408.32 408.33 408.33 408.32 4	158.75 158.50 158.25 158.00	128.88 128.60 128.32 128.05 127.78 127.51 127.25 126.51 126.51 126.53 125.70 125.18 124.91 124.17 123.48 123.62 123.48 123.62 123.48 123.62 123.18 124.19 124.17 129.18 121.21 120.14 119.15 121.21 120.14 119.15 121.21 120.14 119.15 121.21 120.14 119.15 121.21 120.14 119.15 121.21 120.14 119.15 121.21 120.14 120.51		129. 18 128. 90 128. 35 128. 35 128. 38 127. 58 127. 28 127. 28 126. 57 126. 54 127. 52 126. 73 125. 45 125. 21 124. 64 124. 39 123. 48 123. 28 123. 28 123. 28 123. 28 123. 28 123. 125 126. 67 126. 67 126. 67 127 128. 7 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 129. 89 120. 17 120. 89 120. 17 121. 87 121. 24 120. 89 120. 17 121. 24 120. 89 120. 17 121. 24 120. 89 120. 17 121. 24 120. 17 121. 24 120. 17 121. 24 120. 17 121. 24 120. 17 121. 24 120. 17 121. 24 120. 28 120. 17 121. 24 120. 28 120. 17 121. 24 120. 38 120. 17 120. 36 12	0.003513 0.003855 0.004354 0.004857 0.004426 0.004426 0.004426 0.004111 0.003935 0.003627 0.004187 0.005006 0.004915 0.003612 0.004915 0.003612 0.004915 0.003629 0.003612 0.002370 0.003620 0.004061 0.004020	2.59 2.70	224.67	432.63	0.31 0.46 0.46 0.38 0.55 0.64 0.52 0.57 0.25 0.25 0.25 0.33
RIVER-1	Reach-1	299.*	Max WS	241.94	158.31	160.80		160.85	0.002064	2.70	202.72	272.72	0.33

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						KiteC	reek.rep						
RIVER-1	Reach-1	298 297.* 296 295.* 294.* 292. 291.5 290.62 290.61 289.32 288.66* 288	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	236.24	158.62 158.31 158.00 158.01 158.01 157.51 157.00 157.00	KiteC 160.68	•	160.71 160.61 160.58 160.57 160.54 160.48 160.45 160.24	0.001499 0.000500 0.000125 0.000187 0.000284 0.000309 0.000400 0.002104 0.002408	2.27 1.32 0.68 0.83	226.15 380.24 628.16 495.67 445.28 383.91 317.29 130.95 90.39	236.37 415.69 481.57 400.00 332.32 243.24 177.45 93.40 42.34	0.28 0.16 0.08 0.10 0.12 0.13 0.15 0.35
RIVER-1	Reach-1	297.*	Max WS	233.42	158.31	160.68 160.58 160.56 160.53 160.50 160.46 160.34 160.08		160.61	0.000500	1.32	380.24	415.69	0.16
RIVER-1 RIVER-1	Reach-1	296	Max WS	233.42	158.00	160.58		160.58	0.000125	0.68	628.16	481.57	0.08
RIVER-1	Reach-1	295.*	Max WS	233.1/	158.01	160.56		160.57	0.000384	1.02	493.67	400.00	0.10
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Peach-1	294 *	Max WS	288 O7	157 51	160.55		160.54	0.000284	1.17 1.46 3.25 3.19	383 91	243 24	0.12
RTVFR-1	Reach-1	292	Max WS	287.94	157.00	160.46		160.48	0.000303	1.46	317.29	177.45	0.15
RIVER-1	Reach-1	291.5	Max WS	287.79	157.00	160.34		160.45	0.002104	3.25	130.95	93.40	0.35
KIVEK-I	Reach-1	290.62	Max WS	287.77	157.00	160.08	158.69	160.24	0.002408	3.19	90.39	42.34	0.36
RIVER-1 RIVER-1	Reach-1	290.61		Bridge									
RIVER-1	Reach-1	289.32	Max WS	287.28	157.00	159.15	150 24	159.54	0.009236	5.06	56.72	32.87	0.68 0.69 0.13 0.16 0.17 0.39 0.45 0.47
RIVER-1	Reach-1	288.66*	Max WS	286.54	156.50	158.69	158.34	159.04	0.009830	4.81	6/./6	122.65	0.69
RIVER-1	Reach-1	288 207 *	Max WS	284.99	156.00	150.32		150.32	0.000334	1.09	490.37	429.00 302.55	0.13
RIVER-1 RIVER-1 RIVER-1	Peach-1	286	Max WS	284.39	156.00	158 43		158 44	0.000461	1.44	387.28	344.04	0.17
RTVFR-1	Reach-1	285.*	Max WS	284.68	155.50	158.29		158.41	0.002819	3.09	145.85	211.85	0.39
RIVER-1	Reach-1	284	Max WS	284.82	155.00	157.97		158.15	0.003997	3.36	84.83	49.09	0.45
RIVER-1	Reach-1	283.*	Max WS	285.00	154.75	157.60		157.81	0.004218	3.82	97.65	129.08	0.47
RIVER-1	Reach-1	282	Max WS	285.24	154.50	157.36		157.51	0.003208	3.78	143.35	154.97	0.42
RIVER-1	Reach-1	281.*	Max WS	285.67	154.25	157.04		157.21	0.003349	3.81	124.82	131.57	0.43
RIVER-I	Reach-1	28U	Max WS	280.00	154.00	156.70		150.89	0.003300	3.02	08 70	117.00	0.44
DIVER-I	Peach-1	279."	Max WS	282 17	152.23	156.08		156.26	0.003139	3.40	96.06	105.09	0.41
RTVFR-1	Reach-1	277.*	Max WS	369.51	152.45	155.47		155.81	0.006291	4.88	97.12	107.23	0.58
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	276	Max WS	369.80	152.40	154.97		155.28	0.006429	4.92	116.07	131.97	0.59
RIVER-1	Reach-1	275.*	Max WS	369.96	151.90	154.64		154.74	0.003453	2.71	171.38	260.31	0.37
RIVER-1 RIVER-1 RIVER-1	Reach-1	274	Max WS	369.92	151.40	154.40		154.45	0.002527	1.88	235.43	327.55	0.28
RIVER-1	Reach-1	273.*	Max WS	369.82	151.30	154.24		154.28	0.001499	1.58	2/5.02	284.80	0.22
RIVER-1	Reach-1	2/2 271 *	Max WS	369.91	151.20	154.16		154.18	0.000680	1.19	306.91	3/1.32 402 33	0.13
RIVER-1 RIVER-1	Peach-1	270	Max WS	370.04	150.55	153 80		153.87	0.001200	2.17	170.73	143.49	0.35
RIVER-1	Reach-1	269.*	Max WS	370.43	150.12	153.43		153.51	0.003028	2.30	161.11	96.23	0.31
DTV/FD-1	Reach-1	268	Max WS	370.38	149.75	152.89		153.12	0.005122	3.84	96.39	38.45	0.43
RIVER-1	Reach-1	267.265*	MAX WS MAX WS	370.38	157.00 156.50 156.00 156.00 155.50 155.00 155.00 154.25 154.50 153.25 152.40 151.90 151.40 151.30 151.40 151.30 151.40 151.30	159.15 158.69 158.52 158.48 158.29 157.97 157.36 157.36 157.36 156.08 156.08 155.47 154.97 154.64 154.24 154.16 154.28 153.80 153.80 153.89 152.51 152.22		159.54 159.04 158.52 158.49 158.41 158.15 157.51 157.51 156.26 155.28 154.74 154.45 154.11 153.87 153.87 153.12	0.009236 0.009830 0.000334 0.000481 0.000562 0.002819 0.003997 0.004218 0.003208 0.003506 0.003139 0.003506 0.003139 0.006291 0.006429 0.003453 0.002527 0.001499 0.000428 0.001206 0.004230 0.003028 0.003122	5.06 4.81 1.31 1.44 3.36 3.78 3.82 3.61 3.40 4.92 2.78 1.58 1.59 1.44 2.130 3.84	56.72 67.76 496.37 426.03 387.28 145.85 84.83 97.65 143.35 124.82 110.29 98.70 96.06 97.12 116.07 171.38 235.43 275.02 388.91 306.08 170.73 161.71 196.39 92.54 93.95	32.87 122.65 429.06 392.55 344.04 211.85 49.09 129.08 154.97 131.57 117.86 96.92 105.09 107.23 131.97 260.31 327.55 284.80 371.52 402.33 143.49 96.23 38.45 39.02 49.57	0.43 0.44 0.42 0.41 0.58 0.37 0.28 0.22 0.15 0.20 0.35 0.31 0.43 0.45
RIVER-1 RIVER-1 RIVER-1	Reach-1	286 285.* 284 283.* 280. 279.* 277.* 276 275.* 274 273.* 271.* 270 269.* 269.* 266.53 266.52 264.033* 266.52 264.033* 261.* 260.259.* 259.* 258. 255.* 254.* 253.* 255.*	Max WS	370.37	149.10	152.22	151.07	152.47	0.003631	3.99	93.95	49.57	0.45
RIVER-1	Reach-1	266.52	Mass IdC	Bridge	140 65	151 50		151 02	0.005455	1 55	Q1 21	37 00	0.54
RIVER-1	Reach-1	203.U3 264 033*	Max WS	3/0.33 370 32	148.03	150.30		151.02	0.003433	4.47	87.72	83.93	0.59
RTVER-1	Reach-1	263.016*	Max WS	370.07	147.84	150.61		150.74	0.005492	3.27	141.58	151.80	0.45
RIVER-1	Reach-1	262	Max WS	369.96	147.43	150.44		150.47	0.001177	1.52	338.27	342.19	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	261.*	Max WS	370.44	146.71	149.59		149.85	0.012225	4.17	97.45	132.07	0.61
RIVER-1	Reach-1	260	Max WS	370.90	146.00	148.92		148.99	0.003243	2.47	192.48	178.51	0.33
RIVER-1	Reach-1	259.*	Max WS	370.97	146.00	148.29		148.56	0.011625	4.32	97.98	100.31	0.61
RIVER-1	Reach-1	258 257 *	Max WS	3/1.U3 271 20	146.00	147.98		146.03	0.003303	2.40	203.07	268 63	0.33
DTVED-1	Peach-1	256	Max WS	371.23	145.00	147.31		147.38	0.004234	3.24	204.35	290.86	0.41
RTVER-1	Reach-1	255.*	Max WS	411.44	144.50	146.88		147.00	0.006553	3.81	174.73	216.12	0.47
RIVER-1	Reach-1	254	Max WS	411.65	144.00	146.25		146.45	0.009975	4.48	138.95	174.32	0.58
RIVER-1	Reach-1	253.*	Max WS	411.87	143.00	145.42		145.67	0.012380	4.87	120.97	139.11	0.64
	Reach-1	252	Max WS	412.06	142.00	144.97		145.05	0.004116	3.12	213.52	245.32	0.38
RIVER-1	Reach-1	251.*	Max WS	412.51	141.75	144.43		144.51	0.004482	4.55 4.47 1.52 4.17 2.47 4.32 2.84 3.24 3.81 4.48 4.87 2.10 2.10 2.10	223.40	333./3 472 08	0.39
RIVER-1 RIVER-1 RIVER-1	Reach-1	250 249.*	Max WS	412.94 412 11	141.50	144.04		144.00	0.002363	2.10	276 33	416 24	0.23
KIVEK-I	Reach-1	249."	Max WS	413.11	141.23	143.62		143.62	0.003366	2.45	251.69	386.15	0.33
	Reach-1	248 247.*	Max WS	413.63	140.75	143.23		143.27	0.002692	2.10	274.26	316.13	0.29
RIVER-1	Reach-1	246 245.*	Max WS	414.00	140.50	143.03		143.05	0.001009	1.47	365.13	285.57	0.18
RIVER-1	Reach-1	245.*	Max WS	414.18	139.75	142.70		142.86	0.006483	4.00	151.67	161.04	0.47
RIVER-1	Reach-1	244	Max WS	414.35	139.00	142.38		142.48	0.004753	3.59	198.72	220.57	0.40
RIVER-1	Reach-1	243.*	Max WS	414.48	139.50	142.13		142.23	0.004541	3.23	220 80	209.90	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Keach-1	242 241 *	Max WS	414.36 414 80	148.65 148.24 147.84 147.43 146.71 146.00 146.00 145.50 145.50 144.50 144.00 141.75 141.50 141.75 141.50 141.25 141.00 140.75 140.50 139.75 140.00 139.50 139.50 139.50 138.50 138.50	141.93		141.59	0.005455 0.007939 0.005492 0.001177 0.012225 0.003243 0.011625 0.003505 0.004234 0.004882 0.006553 0.009975 0.012380 0.004116 0.004482 0.002565 0.003114 0.003366 0.002692 0.001009 0.006483 0.004731 0.003487 0.003487 0.003487 0.003501 0.003501 0.004731 0.004731	4.00 3.59 3.25 2.49 2.61 2.71 2.36 2.44	81, 31 87,72 141,58 338,27 97,45 192,48 97,98 195,87 203,34 204,35 174,73 138,95 120,97 213,52 225,46 308,13 276,33 251,69 274,26 365,13 151,67 198,72 198,72 193,33 221,52 211,52 218,23 227,13 221,52 214,35 228,43 289,58	37.09 83.93 151.80 342.19 132.07 178.51 100.31 193.00 268.63 290.86 216.12 174.32 139.11 245.32 333.75 472.98 416.24 386.15 316.13 285.57 209.98 245.73 238.46 239.19 241.05 254.69 280.16	0.35
RIVER-1	Reach-1	240	Max WS	415.03	139.00	141.33		141.39	0.003631	2.71	218.23	239.19	0.35
RIVER-1	Reach-1	239.*	Max WS	415.28	138.50	141.01		141.07	0.003501	2.36	227.13	241.05	0.33
RIVER-1	Reach-1	238	Max WS	415.20	138.00	140.63		140.70	0.004731	2.44	214.35	254.69	0.38
RIVER-1	Reach-1	237.25*	Max WS	415.06	137.62	140.34		140.40	0.004186	Z.44	228.43	280.16	0.36
MAACH T	Reach-1	236.5	MAX WS MAX WS	415.03	137.62 137.25 136.60	151.50 150.98 150.61 150.44 149.59 148.92 147.66 147.31 146.25 145.42 144.97 144.43 144.04 143.55 143.55 143.23 142.70 142.13 141.93 141.93 141.03 141.03 140.63 140.34 140.13	120 72	151.82 151.29 150.47 150.47 148.99 148.56 148.05 147.74 147.38 147.70 146.45 145.67 145.67 144.08 143.62 143.62 143.62 143.62 143.62 143.62 143.62 143.62 143.63 143.63 144.99 141.07 140.70 140.40	0.002622	2.12 4.64	289.58 89.64	363.47 41.42	0.54 0.59 0.45 0.20 0.61 0.33 0.61 0.37 0.47 0.58 0.64 0.39 0.29 0.32 0.33 0.29 0.39 0.29 0.33 0.29 0.38 0.47 0.40 0.39 0.39 0.35 0.36 0.35
RIVER-1	Reach-1 Reach-1	245. * 244. * 243. * 242. * 241. * 240. * 239. * 238. * 236. 5 235. 85 235. 84 235. 23	Max WS	236.24 233.42 233.47 288.07 287.34 287.79 287.77 287.78 286.54 284.59 284.59 284.54 284.68 285.04 285.67 286.96 285.67 286.96 369.96 369.96 369.96 369.96 370.38	136.60	139.6/	138.72	140.00	0.005136	4.04	03.04	41.44	0.33
RIVER-1 RIVER-1	Reach-1	233.0 4 235 23	Max WS	415.00	136.10	139.50		139.75	0.003262	4.03	106.03	53.68	0.43
VTACK_T	KEACH-T	233.23	Max WJ	713.00	130110	133.30		200					

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RIVER-1	Reach-1	234.153* 233.076*	Max WS	414.99 414.98 414.98 414.98 414.98 414.79 428.20 428.52 428.75 428.99 429.12 429.23 429.40 429.72 429.89 429.92 430.15 430.10 474.12 474.20 499.36 499.33 499.31 499.30 Culvert 499.36 499.33 499.17 499.27 499.27 499.27 499.27 499.21 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.12 499.14 499.15 498.64 498.64 498.65 498.89 498.89 498.89 498.89 498.89 498.89 498.89 498.89 498.89 498.89 498.89 498.810 498.10	135.73 135.37	139.24		139.51 139.14 138.65 138.24 138.05 137.99 137.49 137.49 136.51 136.51 136.53 135.57 135.66 135.57 135.50 135.13 136.23	0.004354 0.006501	4.38	126.32 150.55 197.37 303.40 541.44 455.62 382.23 328.63 217.39 211.38 208.86 217.77 251.90 248.15 234.40 245.78 403.65 383.15 354.98 262.53 358.19 364.85 363.72 89.38 94.59	142.60 249.55 431.65 460.75 508.81	0.46 0.51 0.53 0.31 0.18 0.22 0.25 0.42 0.43 0.44 0.35 0.35 0.40
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	233.0/6° 232	Max WS Max WS	414.98 414 98	135.37	138.88 138.47 138.19 138.11 138.03 137.90 137.75 137.41 137.08 136.76 136.42 136.17 135.95 135.68 135.57 135.55 135.47 135.37 135.37 135.37 135.37		139.14	0.006501	4.77 4.78	150.55 197.37	249.55 431.65	0.51
RIVER-1	Reach-1	231.*	Max WS Max WS	414.92	135.00	138.19		138.24	0.002849	4.78 2.73 1.25	303.40	460.75	0.31
RIVER-1	Reach-1	230	Max WS	414.79	135.00 135.00 135.00 134.50	138.11		138.12	0.000559	1.25	541.44	508.81	0.14
RIVER-1	Reach-1	232 231.* 230 229.* 228 227.* 226 225.* 224 223.* 222	Max WS Max WS Max WS	428.20	134.50	138.03		138.05	0.008516 0.002849 0.000559 0.000881 0.001376 0.001822 0.005618 0.005743 0.005161 0.003369 0.004542 0.003387 0.001000 0.001025 0.0010125 0.001332 0.001255 0.001255 0.001255 0.001255 0.0012120 0.001220	1.67	455.62	461.07	0.18
RIVER-1 RIVER-1	Reach-1	228 227 *	Max WS	420.32 428 75	134.00 134.00 133.85 133.70 133.48 133.25 133.12	137.90		137.93	0.001376	2.18 2.29	302.23 328 63	440.08 374.98	0.22
RIVER-1	Reach-1	226	Max WS	428.99	133.70	137.41		137.49	0.005618	3.16	217.39	315.02 305.35 298.01 289.52 283.51	0.42
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	225.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	429.12	133.48	137.08		137.18	0.005642	3.16 3.51 3.84 3.65 3.01	211.38	305.35	0.43
RIVER-1	Reach-1	224	Max WS	429.23	133.25	136.76		136.87	0.005743	3.84	208.86	298.01	0.44
RIVER-1	Reach-1	223.* 222	Max WS	429.40 429.57	133.12	136.42 136.17		136.51	0.003161	3.65 3.01	217.77	289.52 283 51	0.42
RTVFR-1	Reach-1	221.*	Max WS	429.72		135.95		136.02	0.003669	3.24	248.15	301.25 321.57 310.11 356.05	0.35
RIVER-1	Reach-1	221.* 220 219.*	Max WS	429.86	132.40 131.80 131.20	135.68		135.77	0.004542	3.64 3.46 1.92	234.40	321.57	0.40
RIVER-1	Reach-1	219.*	Max WS	429.89	131.80	135.57		135.66	0.003387	3.46	245.78	310.11	0.35
RIVER-1 RIVER-1	Reach-1	218 217.*	Max WS Max WS	429.92 430.15	131.20	133.33		135.50	0.000666	7 86	403.03 383.15	335.88	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	216 215.* 214	Max WS	430.10	131.98 132.75 132.62 132.50 131.88	135.37		135.40	0.001255	1.75 2.73 1.83 2.12	354.98	335.88 315.32 277.53 311.95 237.89	0.21
RIVER-1	Reach-1	215.*	Max WS	474.12	132.62	135.21		135.28	0.003101	2.73	262.53	277.53	0.33
RIVER-1	Reach-1	214 213.*	Max WS	4/4.20	132.50	135.10		135.13	0.001392	1.83	358.19	311.95	0.22
RIVER-1	Reach-1	213."	Max WS Max WS	499.30	131.00	133.00		133.04	0.001121	2.59	363.72	189.48	0.25
RIVER-1 RIVER-1	Reach-1	211.065*	Max WS	499.31	131.25 130.32 129.39	134.16		134.65	0.010120	5.59 5.28	89.38	33.63 42.95	0.60
RTVFR~1	Reach-1	212 211.065* 210.13 209.23 208.43 205.91 205.49 204.965* 204.44 203.626* 202.813* 202 201.36 200.405* 199.451* 198.497* 197.542* 196.588* 195.634* 194.68* 193.725* 192.771* 190.862* 189.908*	Max WS	499.30	129.39	133.69		134.12	0.001128	5.28	94.59	42.95	0.18 0.19 0.21 0.33 0.22 0.23 0.25 0.60 0.45
RIVER-1	Reach-1	209.23	May MC	Culvert	120 67	122 27		122 55	0.000680	4 20	116 52	67 90	
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	206.43	Max WS Max WS Max WS Max WS Max WS	499.30	128.67 129.85 129.75 129.62 129.49 129.29	133.27 132.99 132.89 132.76 132.63 132.42 132.23 132.05 131.89 131.66 131.44 131.23 131.03 130.84 130.52 130.39 130.18 130.18 130.10 130.04 129.99 129.95		133.55 133.43 133.32 133.18 132.84 132.64 132.29 132.06 131.84 131.62 131.40 131.20 131.01 130.84 130.55 130.43 130.23 130.16 130.10 130.08	0.000680 0.002591 0.002595 0.002581 0.002561 0.002543 0.002459 0.002391 0.002420 0.002339 0.002273 0.002178 0.002057 0.001904 0.001727 0.001560 0.001366 0.001181 0.0000861 0.000728 0.000436	4.29 5.27 5.26 5.24 5.21	116.52 94.75 94.91 95.33 95.84 96.34 97.79 99.08 98.27	67.89 40.26 40.50 40.81 41.14 41.50	0.35 0.61 0.60 0.60 0.59 0.58 0.59 0.57 0.56 0.54 0.52 0.50 0.45 0.45 0.43
RIVER-1	Reach-1	205.49	Max WS	499.27	129.75	132.89		133.32	0.002595	5.26	94.91	40.50	0.61
KTAFK-T	Reach-1	204.965*	Max WS	499.23	129.62	132.76		133.18	0.002581	5.24	95.33	40.81	0.60
RIVER-1	Reach-1	204.44	Max WS	499.22 499.18	129.49	132.63 132.42		133.05	0.002561	5.21	95.84 96.34	41.14 41.50	0.60
RIVER-1 RIVER-1	Reach-1	202.813*	Max WS	499.17	129.08	132.23		132.64	0.002345	5.10	97.79	42.02	0.59
RIVER-1	Reach-1	202	Max WS Max WS Max WS Max WS	499.12	129.08 128.88 128.72	132.05		132.44	0.002391	5.04	99.08	42.02 42.54 42.04	0.58
RIVER-1	Reach-1	201.36	Max WS	499.12	128.72	131.89		132.29	0.002420	5.08	98.27	42.04	0.59
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	200.405* 100.451*	Max WS Max WS Max WS Max WS	499.06	128.48 128.24 128.00 127.76 127.52 127.28 127.04 126.81 126.57 126.33 126.09 125.85 125.61 125.37	131.66 131 <i>44</i>		132.06	0.002390	5.06 5.03		41.97 41.98	0.58 0.58
RIVER-1	Reach-1	198.497*	Max WS	498.99	128.00	131.23		131.62	0.002273	4.98	100.14	42.01	0.57
RIVER-1	Reach-1	197.542*	Max WS	498.92	127.76	131.03		131.40	0.002178	4.91	101.56	42.14	0.56
RIVER-1 RIVER-1	Reach-1	196.588*	Max WS Max WS Max WS Max WS Max WS	498.84	127.52	130.84		131.20	0.002057	4.98 4.91 4.82 4.69 4.54 4.18 3.97 3.76 3.55 3.35 3.15	99.25 100.14 101.56 103.51 106.29 109.90 113.87 119.28 125.49 132.51 140.29 148.85 157.94 174.19	42.01 42.14 42.34 42.68 43.12	0.54
RIVER-1	Reach-1	193.034"	Max WS Max WS	498.64	127.20	130.57		130.84	0.001727	4.54	109.90	43.12	0.50
RIVER-1 RIVER-1	Reach-1	193.725*	Max WS	498.63	126.81	130.39		130.69	0.001560	4.38	113.87	41.64	0.48
RTVFR-1	Reach-1	192.771*	Max WS	498.52	126.57	130.28		130.55	0.001366	4.18	119.28	44.35 45.13 46.03	0.45
RIVER-1 RIVER-1 RIVER-1	Reach-1	191.81/*	Max WS Max WS Max WS	498.39 498.26	126.33	130.18		130.43	0.001181	3.97 3.76	123.49	45.13 46.03	0.42
RTVER-1	Reach-1	189.908*	Max WS Max WS	498.26	125.85	130.10		130.32	0.000861	3.55	140.29	46.98	0.36
RIVER-1	Reach-1	188.954*	Max WS	498.11	125.61	129.99		130.16	0.000728	3.35	148.85	48.03 49.09 47.51	0.33
RIVER-1 RIVER-1	Reach-1	188	Max WS	498.10	125.37	129.94		130.10	0.000616	3.15	157.94	49.09	0.31
RIVER-1 RIVER-1	Reach-1	188.334** 187.7 187.68 187.65 187.2 187.15	Max WS	498.10	125.29	129.95		130.08	0.000436	2.00	174.19	47.31	
RTVER-1	Reach-1	187.65	Max WS	492.98	125.27	129.98		130.08	0.000310	2.52	198.86	53.16	0.23 0.21 0.21 0.19 0.31
RIVER-1 RIVER-1 RIVER-1	Reach-1	187.2	Max WS Max WS Max WS	593.70	125.27 125.15 125.13 125.09 123.29	129.98 129.94 129.93 129.94 129.73		130.08 130.03 130.02 130.02 130.04	0.000310 0.000256 0.000277 0.000222 0.000476	2.52 2.38	198.86 252.37 248.24 275.73 133.82	53.16 63.41	0.21
RIVER-1	Reach-1	187.15	Max WS	600.15	125.13	129.93		130.02	0.000277	2.42 2.18 4.48	248.24	63.02	0.21
RIVER-1 RIVER-1	Reach-1	187	Max WS Max WS	600.15	125.09	129.94		130.02 130.04	0.000222	2.18 4.48	2/5./3 133 82	69.74 73.03	0.19
RIVER-1	Reach-1	186.80		Culvert				130.04	0.000+70		133.01		
RIVER-1 RIVER-1	Reach-1	185.39	Max WS Max WS Max WS	599.90	122.78	129.55		129.80	0.000359	4.03 2.03	148.87	49.26 408.40	0.27
RIVER-1	Reach-1	184.5	Max WS	600.00	126.00	129.66		129.69	0.000769	2.03	592.26 570.88	408.40 300.62	0.21
RIVER-1 RIVER-1	Reach-1	184 183 *	Max WS Max WS	599.82 627.10	126.00	129.61		129.57	0.000733	3.75	303.08	230.01	0.37
RIVER-1	Reach-1	187 186.81 186.80 185.39 184.5 184 183.* 182 181.* 180 179.* 178	Max WS	627.10	122.78 126.00 126.00 126.00 126.00 126.00 126.00 125.00 124.00	129.35		129.41	0.002014	2.12 3.75 2.83 3.13 3.02	335.63	399.62 230.01 212.66 224.68 309.35 384.19	0.27 0.21 0.21 0.37 0.28 0.33 0.34 0.32 0.19
RIVER-1 RIVER-1 RIVER-1	Reach-1	181.*	Max WS	627.80	126.00	129.10		129.18	0.002868	3.13	302.95	224.68	0.33
RIVER-1	Reach-1	18U 170 *	Max WS Max WS	627.86 651.54	125.00 125.00	128.81 128.55		128.89 128.61	0.003204	3.02 2.95	327.73 382.91	384.19	0.34
RIVER-1 RIVER-1	Reach-1	178	Max WS Max WS	652.18	124.00	128.41		128.43	0.000979	1 89	566.18	440.41	0.19
RIVER-1	Reach-1 Reach-1	177.*	Max WS	498.10 Lat Struct 492.98 593.70 600.15 600.01 600.01 Culvert 599.90 600.00 599.82 627.10 627.80 627.80 627.80 651.54 652.18 653.37	124.00	129.55 129.66 129.61 129.45 129.35 129.10 128.81 128.55 128.41 128.21		129.80 129.69 129.64 129.57 129.41 129.18 128.61 128.61 128.76 127.65	0.000359 0.000769 0.000733 0.002908 0.002014 0.002668 0.003204 0.002659 0.000979 0.001594 0.003506 0.004235	2.45 3.43 3.76	148.87 592.26 579.88 303.08 335.63 302.95 327.73 382.91 566.18 487.27 373.39 348.64	459.12	0.24 0.36
RIVER-1	Reach-1	176	Max WS	654.46	124.00	127.82		127.90	0.003506 0.004235	3.43	3/3.39	453.11 465.89	0.36 0.39
RIVER-1	Reach-1	175.*	Max WS	65/.5/	123.50	127.55		127.00	0.004233	3.70	340.04	403.09	0.39

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RIVER-1	Reach-1	174 173.* 172 171.* 170 169.*	Max WS	657.48	123.00 123.50	127.32	127.40	0.003263	3.34	407.96 544.76 836.74 752.68	573.62 654.09 751.63 790.79 694.24 800.85 619.71 728.73 866.32 1014.08 817.95	0.34
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	173.*	Max WS	657.58	123.50 124.00	127.21	127.25	0.001803	2.39 1.32 1.58	544.76	654.09	0.25
RIVER-1 RIVER-1	Reach-1	1/∠ 171 *	Max WS Max WS	657.78	124.00 124.00 124.00 123.50 123.00 122.50 122.00	127.17	127.18 127.10	0.000584	1.32	830./4 752.60	751.03	0.14
RIVER-1	Peach-1	171."	May WS	650.40 650.11	124.00	126 95	127.10	0.000670	1.30	732.00 628 13	694.24	0.10
RTVFR-1	Reach-1	169.*	Max WS	659.40	123.50	126.85	126.88	0.002118	2.52	563.94	800.85	0.22
RIVER-1 RIVER-1	Reach-1	168 167.*	Max WS Max WS Max WS Max WS	659.67	123.00	126.74	126.77	0.002001	1.89 2.52 2.54 2.47	518.91	619.71	0.27
RIVER-1	Reach-1	167.*	Max WS	659.92	122.50	126.62	126.65	0.001638	2.47	582.04	728.73	0.25
RIVER-1	Reach-1	166 165.*	Max WS	660.25	122.00	126.54	126.56	0.001046	2.08	714.84	866.32	0.20
RIVER-1	Reach-1	165.*	Max WS Max WS Max WS	660.84	171.00	126.26	126.30	0.001913	2.76	621.24	1014.08	0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	164 163.*	Max WS Max WS	661.86	120.00	125.96	125.98	0.0015//	2.08 2.76 2.29 3.01	624.95	817.95 866.18	0.22
DTVER-1	Peach-1	162	Max WS	662.56	120.00	125.00	125.63	0.002233	3.01	349.02	200.20	0.20
RIVER-1	Reach-1	161.*	Max WS	662.55	120.25	125.15	125.24	0.002799	3.37	442.58	716.89	0.32
RIVER-1 RIVER-1	Reach-1	160	Max WS	662.75	120.50	125.01	125.04	0.001075	2.01	643.30	753.37	0.20
RIVER-1	Reach-1	160 159.*	Max WS	663.12	120.25	124.91	124.94	0.001006	4.84 3.37 2.01 1.91 1.74	647.87	769.87	0.20
RIVER-1	Reach-1	158 157.*	Max WS	663.42	120.00	124.82	124.85	0.000886	1.74	676.26	784.74	0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	157."	Max WS	664.08	119.50	124.74	124./8	0.003380	2.26 3.79 3.21 2.34 2.29	192.70	792.34	0.22
RIVER-1	Reach-1	156 155.* 154 153.*	MAX WS	664.75	119.00	124.30	124.07	0.003360	3.79	505 12	799 23	0.33
RIVER-1	Reach-1	154	Max WS	685.85	119.00	124.07	124.10	0.001342	2.34	678.36	871.68	0.21
RIVER-1	Reach-1	153.*	Max WS	699.17	119.00	123.97	124.00	0.001234	2.29	704.33	905.58	0.21
RIVER-1 RIVER-1	Reach-1	152	Max WS	699.57	119.00	123.88	123.90	0.001101	2.08	736.53	763.04 716.89 753.37 769.87 784.74 792.34 766.63 799.23 871.68 905.58 931.52	0.20
RIVER-1	Reach-1	152. 151.* 150 149.* 148 147.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	708.07	119.00	123.73	123.76	0.001458	2.15	682.92	939.82	0.23
RIVER-1 RIVER-1	Reach-1	130	Wax WS	707.91	118.00	123.47	123.32 123.35	0.003146	2.04 2.81	520.00 534.70	0//.23 828 88	0.32
RTVER-1	Reach-1	148	Max WS	713.10	118.00	123.00	123.04	0.002310	2.65	586.58	807.19	0.26
RIVER-1	Reach-1	147.*	Max WS	715.09	117.92	122.85	122.89	0.002125	2.58	617.34	1014.57	0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	146 145.*	Max WS	716.92	120.00 120.00 120.25 120.25 120.50 119.50 119.00 119.00 119.00 119.00 119.00 119.00 119.00 119.00 119.00 119.00 118.50 118.50 118.50	122.64	122.68	0.003025	2.08 2.15 2.64 2.81 2.65 2.58 2.65 2.09 1.87	581.45	1069.25	0.31
RIVER-1	Reach-1	145.*	Max WS	718.49	117.92	122.43	122.47	0.002095	2.09	591.18	1072.07	0.27
RIVER-1	Reach-1	144 143.*	Max WS	720.02	118.00	122.24	122.28	0.002/53	1.87 1.77	562./6 712 24	931.52 939.82 877.25 828.88 807.19 1014.57 1069.25 1072.07 1132.05 1015.61	0.29
RIVER-1 RIVER-1	Reach-1	143."	Max WS	723.71	117.30	121.98	122.11	0.001031	2.19	773.95	970.47	0.20
RTVFR-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	142 141.*	Max WS	725.24	117.00	121.86	121.89	0.001632	2.61	693.13	1006.98	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	140 139.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	726.58	117.50 117.00 117.00 117.00 117.50 118.00 118.00	121.68	121.72	0.002099	2.19 2.61 2.90 2.31 1.62 1.74 1.98 1.64 1.34	628 13 563 94 518 91 582 04 714 84 624 95 549 82 352 95 442 58 647 87 676 26 505 12 647 87 676 26 505 12 678 36 704 33 736 59 592 70 422 36 505 12 678 36 704 33 736 58 591 18 562 76 773 95 591 18 591 18 562 92 574 97 575 98 572 97 678 98 709 98	970.47 1006.98 1065.43 1011.03	0.27
RIVER-1	Reach-1	139.*	Max WS	727.46	117.50	121.56	121.59	0.001500	2.31	714.90	1011.03	0.23
RIVER-1	Reach-1	138 137.*	Max WS	728.57	118.00	121.48	121.50	0.000808	1.62	867.61 706.08	974.12 1009.02 1116.90 1001.84	0.17
	Reach-1	136	Max WS	729.30	118.00	121.29	121.42	0.001635	1.98	702.05	1116.90	0.20
RIVER-1	Reach-1	135.*	Max WS	732.58	117.50	121.18	121.21	0.001237	1.64	731.97	1001.84	0.21
RIVER-1 RIVER-1 RIVER-1	Reach-1	136 135.* 134 133.* 132 131.*	Max WS Max WS Max WS	734.29	117.00	121.10	121.12	0.000910	1.34	810.23	973.39 786.99 638.08 842.72 816.07	0.17
RIVER-1	Reach-1	133.*	Max WS	736.38	117.00	121.00	121.02	0.001121	1.46	692.52	786.99	0.19
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	132 121 *	Max WS Max WS Max WS Max WS Max WS	/38.51 720 65	117.00	120.89	120.91	0.001036	1.39 1.51 1.39 1.61 2.46 2.31 2.09 1.83 1.50	645 83	842 72	0.19
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	130	Max WS Max WS	740.75	117.00	120.79	120.32	0.001360	1.39	697.53	816.07	0.20
RIVER-1	Reach-1	130 129.* 128 127.*	Max WS	741.31	117.00	120.60	120.63	0.001812	1.61	621.69	839.40 870.43 710.19 792.80 835.19 911.52	0.24
RIVER-1	Reach-1	128	Max WS	741.87	117.00	120.34	120.42	0.005293	2.46	415.29	870.43	0.39
RTVER-1	Reach-1	127.*		741.79	116.71	120.13	120.18	0.002880	2.31	495.94	710.19	0.31
RIVER-1 RIVER-1 RIVER-1	Reach-1	126 125.* 124 123.*	Max WS	/41./2 7/1 71	116.42	120.06	120.09	0.001463	2.09 1.83	717 64	792.00 835 19	0.22
RIVER-1	Reach-1	124	Max WS Max WS	741.71	116.00	120.04	120.03	0.001049	1.50	800.86	911.52	0.19
RIVER-1	Reach-1	123.*	Max WS	741.66	116.18	119.95	119.97	0.001181	1.69	761.65		0.20
RIVER-1	Reach-1	122	Max WS	741.63	116.35	119.89	119.91	0.001141	1.68	798.19	980.86	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	122 121.* 120 119.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	783.14	115.68	119.73	119.76	0.001918	1.69 1.68 2.11 2.11	599.42	980.86 644.54 635.56	0.26
RIVER-1 RIVER-1	Reach-1	120 110 *	Max WS	/83.09 702.02	114.50	119.58	119.01	0.001199	2.11	576 50	601.08	0.21
DTVER-1	Reach-1	118	MAX WS	783.02 781.17	114.00	119.10	119.35	0.001040	2.89 5.12 3.08 2.70	364.14	601.08 549.28 466.71 393.10	0.53
RIVER-1 RIVER-1	Reach-1	118 117.* 116 115.* 114	Max WS Max WS Max WS Max WS	779.65	114.50	119.00	119.12	0.002133	3.08	410.58	466.71	0.35
RIVER-1	Reach-1	116	Max WS	774.74	115.00	118.86	118.95	0.002704	2.70	392.98	393.10	0.37
RIVER-1	Reach-1	115.*	Max WS	764.43	114.50	118.68	118.76	0.002552	2.29 1.90	397.73 427.77	417.09 454.91	0.35
RIVER-1 RIVER-1 RIVER-1	Reach-1	114 112.05	Max WS Max WS	/42.39 1050 35	117.50 117.00 117.00 117.00 117.00 117.00 117.00 116.71 116.42 116.21 116.35 115.68 115.68 115.00 114.50 114.50 114.50 114.50 114.00 112.00	KiteCr 127.32 127.32 127.31 127.32 127.21 127.17 127.08 126.95 126.85 126.54 126.62 125.96 125.80 125.85 125.15 125.01 124.82 124.74 124.56 124.77 124.82 124.74 123.97 123.88 123.47 123.20 122.85 122.44 122.08 121.86 121.86 121.40 121.98 121.86 121.40 121.98 121.86 121.40 121.98 121.98 121.98 121.98 121.98 121.98 121.98 121.99 121.10 121.00 120.34 120.13 120.79 120.70 120.60 120.34 120.13 120.95 119.89 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 119.58 1	127. 40 127. 25 127. 18 127. 10 126. 87 126. 88 126. 77 126. 65 126. 56 126. 56 126. 56 126. 58 125. 88 125. 88 125. 88 125. 84 125. 24 125. 04 124. 85 124. 78 124. 67 124. 33 124. 10 124. 90 123. 76 123. 52 123. 52 123. 52 123. 121 121. 12 121.	0.000584 0.000876 0.001343 0.002118 0.002001 0.001638 0.001046 0.001913 0.001577 0.002235 0.005412 0.002799 0.001075 0.001006 0.00386 0.001234 0.001342 0.001344 0.001301 0.001345 0.001345 0.002551 0.003025 0.002095 0.002753 0.0010635 0.001322 0.001635 0.001322 0.001635 0.001234 0.001101	2.50	520.07	508.25	0.34 0.25 0.14 0.18 0.22 0.28 0.27 0.25 0.20 0.26 0.22 0.28 0.43 0.30 0.20 0.20 0.21 0.20 0.21 0.20 0.22 0.32 0.32 0.30 0.24 0.27 0.21 0.20 0.24 0.27 0.29 0.20 0.24 0.27 0.29 0.20 0.24 0.27 0.29 0.20 0.24 0.27 0.30 0.27 0.31 0.29 0.20 0.24 0.27 0.31 0.29 0.20 0.24 0.27 0.31 0.27 0.29 0.20 0.24 0.27 0.31 0.27 0.29 0.20 0.24 0.27 0.31 0.27 0.29 0.20 0.24 0.27 0.31 0.27 0.31 0.29 0.30 0.30 0.30 0.30 0.30 0.30
RIVER-1	Reach-2	112.03	Max WS Max WS	1050.35	112.00	118.50	118.59	0.001551	2.58 2.59	520.07 515.65	505.99	0.30
RIVER-1	Reach-2	112 111.95	max Wo	657.48 657.78 658.48 659.10 659.67 659.67 659.67 659.67 660.25 660.86 662.38 662.65 663.42 663.42 663.75 664.75 664.75 685.85 699.57 708.07 707.91 710.48 713.10 715.09 716.92 718.49 721.71 723.57 724.57 725.52 736.53 737.53 734.29 736.38 737.57 741.77 741.70 741.70 741.70 741.70 741.70 741.70 741.70 741.71 741.70 741.71 741.70 741.71 741.70 741.71 741.70 741.71 741.72 741.71 741.72 741.71 741.72 741.71 741.72 741.71 741.72 741.71 741.72 741.73 741.74 741.74 741.75 741.77 741.76 741.77 741.63 742.39 743.30 743.30 744.39 745.35 746.43 747.77 741.70 741.63 742.39 743.30 743.30 744.31 744.63 744.39 745.35 744.39 745.35 746.44 743.10 744.63 744.39 745.35 744.39 745.35 746.44 743.70 744.63 744.63 745.35 746.44 746.44 746.44 746.44 746.44 746.44 746.44 746.44 746.44 746.39 746.33 74								
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	111.*	Max WS	1049.45	113.00	118.37	118.46	0.002029	2.49	512.82	451.86	0.33
RIVER-1	Reach-2	110	Max WS	1040 76	114.00	118.26	118.32	0.001855	2.18	643.25 516 55	59/.5/ 476 22	0.30
RIVER-1	Reach-2 Reach-2	109.*	Max WS Max WS	1034.33 1024.47 1020.54	113.50 113.00	118.37 118.26 118.00 117.77 117.70	118.46 118.32 118.13 117.91 117.79	0.002029 0.001855 0.002678 0.002089	2.49 2.18 3.48 3.72	512.82 643.25 516.55 560.32 675.52	451.86 597.57 476.33 502.67	0.33 0.30 0.39 0.36 0.30
RIVER-1 RIVER-1	Reach-2	108 107.*	Max WS Max WS	1020.54	112.00	117.70	117.79	0.001461	3.11	675.52	585.53	0.30

						KiteC 117.66 117.51 117.49 117.48 117.44 117.40 117.30 117.19 117.10 117.06 116.80 116.80 116.85 116.65 116.65 116.65 116.57 116.57 116.57 116.57 116.57 116.57	reek.rep						
RIVER-1	Reach-2	106 105.*	Max WS	1019.36	111.00 110.50 110.00 110.00 110.00 110.50 111.00 111.00 110.50 110.00 109.50	117.66	,	117.73 117.66 117.60 117.54 117.51 117.48 117.44 117.34 117.17 117.10 117.05 116.93 116.87 116.81 116.75 116.61 116.59 116.59 116.58 116.57 116.55	0.000910 0.001178 0.001182 0.001225 0.000390 0.000566 0.000596 0.000620 0.000599 0.000629 0.000679 0.000679 0.000679 0.000584 0.000569 0.000559 0.000559 0.000504 0.000408 0.000116	2.79	824.86 776.12 752.59 810.82 1059.50 1046.60 1035.20 1014.22 991.15 984.98 980.39 932.95 883.29 867.48 822.80 839.84 857.56 891.95 927.83 1089.33 1529.64 1673.66 1912.06 1563.97 1331.16	659.20 643.28 628.01 654.73 701.60 691.38 681.50 679.66 680.54 651.43 620.15 627.62 633.86 578.90 503.96 515.40 523.95 509.06 495.30 611.90 1106.53 1150.25 1226.92	0.24 0.27 0.26 0.19 0.20 0.20 0.20 0.20 0.21 0.20 0.21 0.20 0.19 0.19 0.18 0.13 0.09 0.12 0.09
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	105.*	MAX WS MAX WS	1016.75	110.50	117.59		117.66	0.001178	2.79 3.01 3.39 2.65 1.99 2.35 2.37 2.46 2.44 2.54 2.68 2.60 2.52 2.41 2.38 1.86 1.136 1.19 1.48	776.12	643.28	0.27
RIVER-1	Reach-2	104 103.*	Max WS	1014.17	110.00	117.51		117.00	0.001182	3.39	752.59	628.UL	0.26
KIVEK-I	Reach-2	103.	May WS	872 87	110.00	117.49		117 51	0.001223	1 00	1050 50	701 60	0.26
RTVER-1	Reach-2	102 101.*	Max WS	1021.95	110.50	117.46		117.48	0.000566	2.35	1046 60	691 38	0.10
RTVER-1	Reach-2	100 99.* 98 97.*	Max WS	1021.49	111.00	117.40		117.44	0.000596	2.37	1035.20	681.50	0.20
RIVER-1	Reach-2	99.*	Max WS	1021.42	111.00	117.30		117.34	0.000605	2.41	1014.22	679.66	0.20
RIVER-1	Reach-2	98	Max WS	1021.64	111.00	117.19		117.23	0.000620	2.46	991.15	680.54	0.20
RIVER-1	Reach-2	97.*	Max WS	1022.40	110.50	117.12		117.17	0.000599	2.44	984.98	651.43	0.20
RIVER-1	Reach-2	96 95.*	Max WS	1023.18	110.00	117.06		117.10	0.000580	2.41	980.39	620.15	0.20
RIVER-1	Reach-2	95.*	Max WS	1023.77	109.50	117.00		117.05	0.000629	2.54	932.95	627.62	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach 2	94 93.*	Max WS	1024.39	109.00	116.93		116.99	0.000679	2.08	883.29	033.80 579.00	0.21
DTVED-1	Peach-2	93."	Max WS	1024.32	109.00 109.00 108.50 108.00 108.50 109.00 107.00 107.00 107.50 108.50 109.00 108.50	116.80		116.93	0.000013	2.61	877.40 877.80	503.96	0.20
RTVFR-1	Reach-2	92 91.* 90 89.*	Max WS	1026.41	108.50	116.75		116.81	0.000569	2.52	839.84	515.40	0.20
RIVER-1	Reach-2	90	Max WS	1027.12	108.00	116.70		116.75	0.000553	2.44	857.56	523.95	0.19
RIVER-1	Reach-2	89.*	Max WS	1027.82	108.50	116.65		116.70	0.000504	2.41	891.95	509.06	0.19
RIVER-1	Reach-2	88 87.*	Max WS	1029.02	109.00	116.60		116.65	0.000467	2.38	927.83	495.30	0.18
RIVER-1	Reach-2	87.*	Max WS	1030.24	108.00	116.58		116.61	0.000238	1.86	1089.33	611.90	0.13
RIVER-1	Reach-2	86	Max WS	1031.05	107.00	116.57		116.59	0.000116	1.41	1529.64	1106.53	0.09
RIVER-1	Reach-2	85.*	Max WS	1031.05	107.50	116.57		116.59	0.000132	1.30	1013.00	1226 02	0.10
DTVED-1	Peach-2	83 *	Max WS	1032.23	108.00	116.57		116.50	0.000130	1 48	1563 97	998 56	0.03
RTVER-1	Reach-2	82	Max WS	1048.44	109.00	116.52		116.55	0.000207	1.81	1331.16	977.03	0.15
RIVER-1	Reach-2	81.56	Max WS	1048.21	108.22	116.43	112.82	116.55	0.001187	2.75	381.79	83.83	0.23
RIVER-1	Reach-2	84 83. * 82 81. 56 81. 55 80. 95 80. 94 80. 38 79. 3849* 76. 9233* 76. 9233* 77. 85 77. 86 77. 86 77. 86 77. 86 77. 86 78. 86 79. 86 70. 86 70. 86 70. 86 70		Bridge									
RIVER-1	Reach-2	81.30	Max WS	1045.80	108.96 108.83	115.63 115.66		115.99 115.86	0.005963 0.001277	4.85 3.58	215.57 292.27	68.09 62.98	0.48 0.29
RIVER-1	Reach-2	80.95	Max WS	1045.32	108.83	115.66	112.64	115.86	0.001277	3.58	292.27	62.98	0.29
RIVER-1	Reach-2	80.94	14-14 146	Briage	100 67	115 61		115 00	0.001400	2 66	205 15	61 17	0.21
RIVER-1	Reach-2	80.38 70.2840*	Max WS	1044.41	100.07	115.01		115.62	0.001400	3.66 3.99 2.82	203.13 370 04	475 64	0.31
DTVED_1	Peach=2	78.3043"	May WS	1041.38	108.33	115 41		115 48	0.001330	2.82	690.63	327 24	0.33
RTVFR-1	Reach-2	77.6566*	Max WS	1041.31	107.80	115.41		115.43	0.000292	1.91	1170.45	556.58	0.14
RIVER-1	Reach-2	76.9233*	Max WS	1040.87	107.60	115.38		115.42	0.000397	2.21	1156.83	785.94	0.17
RIVER-1	Reach-2	76.19	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1040.47	108.67 108.33 108.00 107.80 107.60 107.40 107.22	115.61 115.44 115.41 115.41 115.38 115.31		115.82 115.67 115.48 115.43 115.42 115.41 115.40	0.001400 0.001590 0.000630 0.000292 0.000397 0.000734 0.001178	1.91 2.21 2.96 3.77	285.15 379.04 690.63 1170.45 1156.83 792.72 344.73	64.47 475.64 327.24 556.58 785.94 739.83 411.05	0.31 0.33 0.21 0.14 0.17 0.22 0.29
RIVER-1	Reach-2	75.86	Max WS	1039.37	107.22	115.18	111.80	115.40	0.001178	3.77	344.73	411.05	0.29
RIVER-1	Reach-2	75.85		Bridge						2 72			
RIVER-1	Reach-2	/5.40	Max WS	1038.13	106.63	115.03		115.24	0.001316	3.72 2.39 1.58 1.45 1.40 3.02	722.50	302.00 721 20	0.31
KIVER-1	Reach-2	74.7° 74	Max WS	1038.10	100.02	115.03		115.13	0.000769	1 58	1275 94	1166 80	0.22
RIVER-1	Reach-2	74 73.*	Max WS	1037.97	107.43	115.01		115.03	0.000437	1.45	1540.54	1232.87	0.14
RTVER-1	Reach-2	72.	Max WS	1037.89	107.86	114.99		115.01	0.000209	1.40	1798.35	1295.90	0.12
RIVER-1	Reach-2	71.*	Max WS	1244.19	107.44	114.86		114.99	0.001132	3.02	500.30	291.62	0.25
RIVER-1	Reach-2	70	Max WS	1244.18	107.03	114.79		114.88	0.000836	2.51	496.44	99.33	0.20
RIVER-1	Reach-2	69.*	Max WS	1244.17	107.35	114.67		114.79	0.001075	2.79	446.31	90.23	0.22
RIVER-1	Reach-2	68	Max WS	1244.01	107.68	114.52		114.6/	0.001397	3.07	404.95	80.27 121 20	0.25
RIVER-1	Reach-2	6/ 66	Max WS	1243.84	107.40	114.33		114.31	0.001947	3.39	393.02 362.08	129 69	0.29
DTVED-1	Peach-2	65 *	MAX WS MAX WS	1243.47	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.68 107.40 107.20 107.20 106.81 106.62 106.43 106.97 105.90	115.03 115.05 115.04 115.01 114.99 114.86 114.79 114.67 114.52 114.33 114.08 113.91 113.77 113.75 113.29 113.18 113.07 113.02		115.24 115.13 115.07 115.03 115.01 114.99 114.88 114.79 114.67 114.51 114.30 113.77 113.60 113.43 113.18 113.10 113.05	0.001516 0.000769 0.000457 0.000287 0.000209 0.001132 0.000836 0.001075 0.001397 0.001397 0.001776 0.001435 0.001676 0.001797 0.001574 0.001233 0.001031 0.000554 0.001316	2.51 2.79 3.07 3.59 3.88 3.41 3.18 3.17	300.60 732.59 1275.94 1540.54 1798.35 500.30 496.44 446.31 404.95 393.62 362.08 390.29 390.42 393.10 401.58 428.17 483.62 495.57 754.10 564.98	362.88 731.30 1166.80 1232.87 1295.90 291.62 99.33 90.23 86.27 131.38 129.69 156.34 112.41 138.29 165.04 180.02	0.31 0.22 0.17 0.14 0.125 0.20 0.25 0.29 0.30 0.30 0.30 0.31 0.27 0.26 0.20
RTVER-1	Reach-2	64	Max WS	1242.79	107.00	113.77		113.92	0.001435	3.18	390.42	112.41	0.30
RIVER-1	Reach-2	63.*	Max WS	1244.38	106.81	113.61		113.77	0.001676	3.17	393.10	138.29	0.32
RIVER-1	Reach-2	62.*	Max WS	1245.32	106.62	113.45		113.60	0.001797	3.14	401.58	165.04	0.33
RIVER-1	Reach-2	61.*	Max WS	1246.45	106.43	113.29		113.43	0.001574	3.00 2.72 2.73 2.45 3.36	428.17	180.02	0.31
RIVER-1	Reach-2	60	Max WS	1247.47	106.24	113.18		113.30	0.001233	2.72	483.62	202.57 234.38 452.38	0.27
RIVER-1	Reach-2	59.*	Max WS	1249.83	106.07	113.07		113.10	0.001031	2.73	754 10	452 38	0.20
DTVER-1	Peach-2	57 2	Max WS	1254.22	107.05	112.90	110.41	113.05	0.001316	3.36	564.98	398.65	0.30
RTVFR-1	Reach-2	57.19		Bridge			2201.2						
RIVER-1	Reach-2	56.9	Max WS	1254.29	107.05	112.82		113.00	0.001602	3.62	510.83	381.73	0.32
RIVER-1 RIVER-	Reach-2	56	Max WS	1256.62	105.90	112.78		112.87	0.000712	3.62 2.59 2.25 2.06	617.01	362.23	0.22
RIVER-1	Reach-2	55.*	Max WS	1258.77	105.85	112.73		112.80	0.000641	2.25	713.97	454.60	0.21
RIVER-1	Reach-2	54	Max WS	1261.35	105.80	112.68		112.74	0.000624	2.06	/8/.19	346.40	0.20
RIVER-1	Reach-2	53.*	Max WS	126/.75	105.70	112.61		112.66	0.000580	2.00	023.27 801 95	309.33	0.10
KIVER-1	Reach-2	5∠ 51 *	CW X5M	1276 84	105.60	112.31		112.30	0.000718	2.37	753.09	296.74	0.20
RIVER-1 RIVER-1	Reach-2	50.*	Max WS	1279.48	105.54	112.32		112.39	0.000977	2.06 2.11 2.37 2.60	712.93	283.86	0.23
RIVER-1	Reach-2	60 59.* 58. 57. 2 57. 19 56. 9 55. * 54. 53. * 52. 51. * 49. *	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1019.36 1016.75 1014.17 1013.58 872.87 1021.95 1021.49 1021.49 1021.49 1021.64 1022.40 1023.77 1024.52 1025.69 1026.41 1027.42 1027.82 1029.02 1030.24 1031.05 1031.05 1031.65 1032.25 1048.72 1048.87 1040.87 1040.87 1040.87 1040.87 1040.87 1040.87 1040.87 1041.38 1040.87 1040.87 1041.38 1040.87 1041.38 1040.87 1041.38 1040.87 1041.38 1040.87 1041.38	105.50	112.21		112.29	0.001025	2.82 3.04	683.32	271.03	0.32 0.22 0.21 0.20 0.18 0.20 0.23 0.23
RIVER-1	Reach-2 Reach-2	48	Max WS	1285.00	107.05 105.90 105.85 105.80 105.70 105.60 105.57 105.54 105.50 105.47	112.82 112.78 112.73 112.68 112.61 112.51 112.42 112.32 112.21		113.00 112.87 112.80 112.74 112.66 112.56 112.48 112.39 112.29	0.001602 0.000712 0.000641 0.000580 0.000718 0.000862 0.000977 0.001025 0.000955	3.04	510.83 617.01 713.97 787.19 825.27 801.95 753.09 712.93 683.32 665.41	381.73 362.23 454.60 546.40 369.53 309.26 296.74 283.86 271.03 257.88	0.25

Page 7

	al. 3	47 4		1207 50	105 60	Kite	reek.rep	112 00	0.000057	2.02	716 00	202 11	0.25
RIVER-1	Reach-2	47.*	Max WS	1287.50 1290.37	105.68 105.88	112.01 111.93		$112.09 \\ 112.00$	0.000957	2.92 2.72	716.89 789.55	293.11 328.93	0.25 0.24
RIVER-1	Reach-2	46.*	Max WS	1290.37		111.95			0.000859		/69.33	328.93	0.24
RIVER-1	Reach-2	45.*	Max WS	1292.83	106.08			111.91	0.000688	2.47	888.56	364.28	0.21 0.19
RIVER-1	Reach-2	44	Max WS	1295.70	106.29	111.81		111.85	0.000506	2.21	1015.97	400.14	0.19
RIVER-1	Reach-2	43.*	Max WS	1298.73	106.30	111.75 111.69		111.80	0.000536	2.29	962.92	389.40	0.19 0.20
RIVER-1	Reach-2	42.*	Max WS	1301.40	106.31			111.75	0.000566	2.37	916.53	387.14	0.20
RIVER-1	Reach-2	41.*	Max WS	1304.07	106.32	111.63		111.69	0.000598	2.43	877.11	382.76	0.20
RIVER-1	Reach-2	40 39.*	Max WS	1306.77 1306.74	106.33 106.17	111.57 111.52		111.63	0.000631 0.000508	2.48	844.97	378.13	0.21
RIVER-1 RIVER-1	Reach-2	39.° 38.*	Max WS Max WS	1306.74	106.17	111.32		111.57 111.52	0.000379	2.24 1.95	955.92 1115.46	408.90 443.94	0.19 0.16
RIVER-1	Reach-2 Reach-2	37.*	Max WS Max WS	1306.48	105.84	111.49	•	111.32	0.000379	1.64	1325.83	474.89	0.16
RIVER-1	Reach-2	36	Max WS Max WS	1306.46	105.68	111.47		111.49	0.000357	1.93	1173.65	490.11	0.14
RIVER-1	Reach-2	35.22	Max WS Max WS	1306.36	104.52	111.43		111.46	0.001571	4.02	324.71	69.82	0.16
RIVER-1	Reach-2	34.82		1306.36	104.52	111.14	108.19	111.40		4.02	319.70		0.33
RIVER-1	Reach-2	34.81	Max WS	Bridge	104.32	111.14	100.19	111.40	0.001642	4.09	319.70	69.41	0.34
RIVER-1	Reach-2	34.01	May MC	1305.56	104.30	110.71		111.19	0.004370	5.56	234.71	66.71	0.52
RIVER-1	Reach-2	34.34 33.67*	Max WS Max WS	1305.33	104.12	110.66		110.96	0.002320	4.35	300.00	77.28	0.52 0.39
RIVER-1	Reach-2	33.07	Max WS Max WS	1305.54	103.93	110.00		110.83	0.002320	2.97	641.58	514.44	Λ 25
RIVER-1	Reach-2	33.*	Max WS Max WS	1305.34	103.93	110.71		110.63	0.000897	2.73	667.36	582.57	0.23
RIVER-1	Reach-2	31.*	Max WS Max WS	1305.30	102.88	110.52		110.62	0.001277	2.82	619.76	635.72	0.24
RIVER-1	Reach-2	30	Max WS	1305.24	102.35	110.19		110.40	0.003712	3.67	418.60	706.90	0.20
RIVER-1	Reach-2	29.*	Max WS	1305.10	102.34	109.84		110.07	0.003830	3.92	433.15	719.83	0.46
RIVER-1	Reach-2	28.*	Max WS	1304.95	102.33	109.53		109.75	0.003528	3.98	519 54	768.65	0.45
RIVER-1	Reach-2	27.*	Max WS	1304.66	102.33	109.30		109.45	0.003528	3.68	519.54 692.78	859.35	0.39
RIVER-1	Reach-2	26	Max WS	1304.53	102.32	109.16		109.23	0.001546	3.02	983.78	975.26	0.24 0.28 0.45 0.46 0.45 0.39
RIVER-1	Reach-2	25.*	Max WS	1304.30	101.99	109.01		109.11	0.002154	3.38	880.43	1023.59	0.35
RIVER-1	Reach-2	25.* 24.*	Max WS	1303.94	101.66	108.82		108.93	0.002634	3.50	778.18	848.84	0.38 0.37
RIVER-1	Reach-2	23.*	Max WS	1303.67	101.33	108.64		108.93 108.72	0.002603	3.25	841.85	960.34	0.37
RIVER-1	Reach-2	23.* 22	Max WS	1303.37	101.00	108.48		108.54	0.002067	2.73	964.95	1032.13	0.33
RIVER-1	Reach-2	21.*	Max WS	1303.05	101.27	108.31		108.37	0.002185 0.002213	2.82 2.85	920.23	972.47	0.34 0.34
RIVER-1	Reach-2	20.*	Max WS	1302.56	101.54	108.13		108.19	0.002213	2.85	904.60	846.87	0.34
RIVER-1	Reach-2	19.*	Max WS	1302.01	101.82	107.95		108.01	0.002180	2.93	904.00	796.51	0.34 0.33 0.37
RIVER-1	Reach-2	18	Max WS	1301.39	102.09	107.78		107.83	0.002104	3.04	909.22	768.92	0.33
RIVER-1	Reach-2	17.*	Max WS	1300.39	101.97	107.60		107.67	0.002513	3.42	990.93	1177.08	0.37
RIVER-1	Reach-2	16.*	Max WS	1298.85	101.85	107.46		107.49	0.001481	2.68	1205.00	1204.28	0.29 0.21
RIVER-1	Reach-2	15.*	Max WS	1297.42	101.73	107.37		107.39	0.000812	1.91	1492.33	1219.98	0.21
RIVER-1	Reach-2	14	Max WS	1296.67	101.61	107.33		107.33	0.000446	1.34	1825.74	1232.06	0.15 0.13 0.12 0.11
RIVER-1	Reach-2	13.* 12.*	Max WS	1296.30	101.43	107.30		107.30	0.000354	1.11	1970.72	1237.28	0.13
RIVER-1	Reach-2	12.*	Max WS	1295.98	101.26	107.27		107.28	0.000273	1.06	2122.37	1227.89	0.12
RIVER-1	Reach-2	11.*	Max WS	1295.94	101.08	107.26		107.26	0.000212	1.00	2281.83	1214.94	0.11
RIVER-1	Reach-2	10	Max WS	1295.64	100.90	107.24 107.22		107.25	0.000169	0.93 1.20	2434.48 2021.10	1196.60 1093.38	0.10 0.12
RIVER-1	Reach-2	9.*	Max WS	1295.59	100.75	107.22		107.23	0.000270				0.12
RIVER-1	Reach-2	8.*	Max WS	1295.19	100.60	107.18		107.19	0.000459	1.61	1650.14	1138.55	0.16
RIVER-1	Reach-2	7.*	Max WS	1295.14	100.45	107.11		107.14	0.000741	2.19	1382.44 1110.74	1191.07 1265.81	0.21
RIVER-1	Reach-2	6	Max WS	1294.52	100.30	106.99		107.06	0.001447 0.001319	3.21		1369.11	0.30 0.29
RIVER-1	Reach-2	5.*	Max WS	1294.17 1293.43	100.15	106.86		106.93 106.81	0.001319	3.14 2.98	1161.14 1257.68	1533.69	0.29
RIVER-1	Reach-2	4.*	Max WS		100.00	106.75 106.64		106.70	0.001144	2.90	1463.96	2103.18	0.27 0.26
RIVER-1	Reach-2	3.*	Max WS	1293.01 1292.61	99.85 99.70	106.54		106.70	0.001088	2.92	1906.93	2258.52	0.19
RIVER-1	Reach-2	2 1.*	Max WS	1292.61	99.70 99.55	106.58		106.55	0.000845	2.72	1582.32	2219.38	0.13
RIVER-1	Reach-2	Ţ. "	Max WS	1292.45	99.33	106.30	104.36	106.33	0.000843	2.72	1361.59	2004.88	0.23
RIVER-1	Reach-2	U	Max WS	1292.34	99.40	100.42	104.30	100.40	0.000914	2.09	1301.39	2004.00	0.24

Appendix P-4: HEC-RAS Results, Developed Conditions Model, 100-Year, 24-Hour Storm

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	х	XXXXXX	XX	ХХ		XX	xx	х	x	XXXX
Х	Х	X	Х	Х		Х	Х	Х	Х	X
Х	X	X	Х			Х	Х	Х	Х	X
XXX	XXXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	X	X	X
Х	Х	X	Х	X		Х	Х	Х	Х	X
v	v	VVVVVV	~~	w		Y	v	Y	Y	YYYYY

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 11:16:45 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2	Reach-1	11900	Max WS	601.67	158.00	163.02		163.02	0.000053	0.47	1281.38	305.82	0.04
RIVER-2	Reach-1	11850.*	Max WS	598.66	157.71	163.01		163.02	0.000054	0.45	1316.06	334.38	0.04
RIVER-2	Reach-1	11800	Max WS	600.15	157.42	163.01		163.02	0.000023	0.32	1882.95	425.14	0.03
RIVER-2	Reach-1	11750.*	Max WS	600.13	156.96	163.01		163.01	0.000024	0.33	1837.49	416.35	0.03
RIVER-2	Reach-1	11700	Max WS	598.66	156.50	163.01		163.01	0.000022	0.32	1852.64	395.46	0.03
RIVER-2	Reach-1	11650.*	Max WS	597.21	156.25	163.01		163.01	0.000024	0.34	1748.14	371.65	0.03 0.03
RIVER-2	Reach-1	11600	Max WS	598.63	156.00	163.01		163.01	0.000025	0.36	1680.61	347.09	0.03
RIVER-2	Reach-1	11550.*	Max WS	597.20	155.05	163.01		163.01	0.000025	0.35	1698.91	351.33	0.03
RIVER-2	Reach-1	11500	Max WS	597.19	154.11	163.01		163.01	0.000025	0.35	1710.54	355.65	0.03
RIVER-2	Reach-1	11450.*	Max WS	595.76	154.05	163.01		163.01	0.000022	0.33	1827.48	390.87	0.03
RIVER-2	Reach-1	11400	Max WS	597.15	154.00	163.00		163.01	0.000020	0.31	1956.21	434.93	0.03
RIVER-2	Reach-1	11350.*	Max WS	595.75	154.00	163.00		163.00	0.000018	0.29	2034.90	434.94	0.02
RIVER-2	Reach-1	11300	Max WS	595.73	154.00	163.00		163.00	0.000015	0.27	2239.28	479.62	0.02
RIVER-2	Reach-1	11250.*	Max WS	594.37	154.00	163.00		163.00	0.000012	0.25	2422.30	485.57	0.02
RIVER-2	Reach-1	11200	Max WS	594.36	154.00	163.00		163.00	0.000009	0.23	2626.45	502.64	0.02
RIVER-2	Reach-1	11150.*	Max WS	595.68	153.00	163.00		163.00	0.000007	0.21	2857.07	524.52	0.02
RIVER-2	Reach-1	11100	Max WS	595.64	152.00	163.00		163.00	0.000006	0.19	3094.58	554.28	0.01
RIVER-2	Reach-1	11050.*	Max WS	595.61	152.00	163.00		163.00	0.000005	0.18	3310.35	571.83	0.01
RIVER-2	Reach-1	11000	Max WS	595.58	152.00	163.00		163.00	0.000004	0.17	3599.35	612.54	0.01
RIVER-2	Reach-1	10887.5*	Max WS	594.32	152.00	163.00		163.00	0.000003	0.15	3990.10	609.73	0.01
RIVER-2	Reach-1	10775.*	Max WS	594.30	152.00	163.00		163.00	0.000002	0.13	4521.19	625.06 657.83	$0.01 \\ 0.01$
RIVER-2	Reach-1	10662.5*	Max WS	594.28	152.00	163.00		163.00	0.000001	0.12	5140.64	698.07	0.01
RIVER-2	Reach-1	10550	Max WS	594.25	152.00	163.00		163.00	0.000001	0.10	5815.38	807.77	0.01
RIVER-2	Reach-1	10490.*	Max WS	594.23	151.60	163.00		163.00	0.000001	0.09 0.08	6475.89 7093.18	908.62	0.01
RIVER-2	Reach-1	10430.*	Max WS	593.14	151.20	163.00		163.00	0.000001 0.000001	0.08	7676.10	1006.05	0.00
RIVER-2	Reach-1	10370.*	Max WS	594.17	150.80	163.00		163.00 163.00	0.000001	0.08	8235.14	1108.23	0.00
RIVER-2	Reach-1	10310.*	Max WS	594.13	150.40	163.00		163.00	0.000001	0.07	8779.71	1174.51	0.00
RIVER-2	Reach-1	10250	Max WS	595.04	150.00	163.00		163.00	0.000001	0.07	8156.17	1042.81	0.00
RIVER-2	Reach-1	10200.*	Max WS	594.96	150.00	163.00		163.00	0.000001	0.08	7553.17	876.21	0.00
RIVER-2	Reach-1	10150	Max WS	594.07	150.00	163.00		163.00	0.000001	0.08	7228.41	882.04	0.01
RIVER-2	Reach-1	10100.*	Max WS	594.04	150.00 150.00	163.00 163.00		163.00	0.000001	0.08	6944.77	803.18	0.01
RIVER-2	Reach-1	10050	Max WS	594.01 594.79	150.00	163.00		163.00	0.000001	0.03	7215.35	820.23	0.00
RIVER-2	Reach-1	10000.*	Max WS			163.00		163.00	0.000001	0.08	7505.85	842.71	0.00
RIVER-2	Reach-1	9950	Max WS	593.98	150.00	102.00		103.00	0.00001	0.00	. 505.05	012171	0.00

						KiteC 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	reek.rep						
RIVER-2	Reach-1 Reach-1	9900.* 9850	Max WS	593.96	150.00	163.00		163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	0.00001 0.000001 0.000001 0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	0.07 0.07 0.07	8338.41 9060.95 9017.36 9346.52 10070.95 10884.88 13250.62	1101.11 1241.72 1485.00	0.00 0.00 0.00
RIVER-2	Reach-1	9850	Max WS	593.93	150.00 150.00	163.00		163.00	0.000000	0.07	9060.95	1241.72	0.00
KIVER-2	Reach-1	9800.*	Max WS	593.88 504.51	150.00	163.00		163.00	0.000001	0.07	9017.30	1505 48	0.00
RIVER-2 RIVER-2 RIVER-2	Poach-1	9/30	Max WS	594.31	149 36	163.00		163.00	0.000001	0.06	10070.95	1538 83	0.00
RIVER-2	Reach-1	9750 9675.* 9600 9550.*	Max WS Max WS Max WS	593.81	148.73	163.00		163.00	0.000000	0.05 0.04	10884.88	1505.48 1538.83 1582.71 1718.54 1830.39	0.00 0.00 0.00
RIVER-2	Reach-1	9550.*	Max WS	593.74	148.36	163.00		163.00	0.000000	0.04	13250.62	1718.54	0.00
RIVER-2 RIVER-2	Reach-1	9500	Max WS	593.69	148.00	163.00		163.00	0.000000	0.04	15722.64	1830.39	0.00
RTVFR-/	Reach-1	9450.*	Max WS	593.24	147.00	163.00		163.00	0.000000	0.04	16740.12	1835.90	0.00
RIVER-2	Reach-1	9400	Max WS	593.61	146.00	163.00		163.00	0.000000	0.03	18084.44	1807.32	0.00
RIVER-2	Reach-1	9350.*	Max WS	593.93	145.51	163.00		163.00	0.000000	0.03 0.03 0.04	1/4//.53	1/38.24	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	9300 *	Max WS	593.83 502.51	143.02	163.00		163.00	0.000000	0.04	15560 40	1033.01	0.00
RIVER-2	Peach-1	9530.* 9500 9450.* 9400 9350.* 9300 9200.* 9100 9050.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	593.31 593.46	150.00 149.36 148.73 148.36 148.00 147.00 146.00 145.51 145.02 144.51 144.00 144.00 143.08 142.16 143.70 145.24	163.00		163.00	0.000000	0.04 0.04 0.04	13250.62 15722.64 16740.12 18084.44 17477.53 16729.20 15569.40 14359.69 13866.98 13450.48 13784.44 13966.46 13199.07	1835.99 1835.90 1807.32 1738.24 1633.81 1455.78 1279.93 1178.12 1058.23 1025.35	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RTVFR-2	Reach-1	9050.*		593.58	144.00	163.00		163.00	0.000000	0.04	13866.98	1178.12	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	9000 8900.* 8800 8700.* 8600 8500	Max WS Max WS Max WS	593.43	144.00	163.00		163.00	0.000000	0.04	13450.48	1058.23	0.00
RIVER-2	Reach-1	8900.*	Max WS	593.38	143.08	163.00		163.00	0.000000	0.04	13784.44	1025.35	0.00
RIVER-Z	Reach-1	8800	Max WS	593.39	142.16	163.00		163.00	0.000000	0.04	13966.46		0.00
RIVER-2	Reach-1	8700.*	Max WS	593.33	143.70	163.00	145.98	163.00	0.000000	0.04 0.05	13199.07	996.42 998.84	0.00
RIVER-2	Reach-1	8500	Max WS	In Struct	143.24	103.00	143.90	103.00	0.000000		12077.03	330.04	0.00
PTVER-2	Reach-1	8450	May WS	593 28	140.56	154.39		154.57	0.003541	3.40	174.49	35.86	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	8350	Max WS Max WS Max WS	595.93	140.56 140.09 139.60 139.11 138.62	153.98		154.18	0.004340	3.40 3.55 3.56 3.57 3.59 3.60	168.07	35.86 35.97	0.29
RIVER-2	Reach-1	8250.*	Max WS	598.58	139.60	153.55		153.75	0.004419	3.56	168.12	36.59	0.29
RIVER-/	Reach-1	8150.*	Max WS	601.23	139.11	153.11		153.30	0.004513	3.57	168.25	36.59 37.31 38.06 38.53 38.89	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1	8050.*	Max WS	603.88	138.62	152.65		152.85	0.004617	3.59	168.38	38.06	0.30
RIVER-2	Reach-1	/950.* 7050.*	Max WS	606.53	138.13	152.19		152.40	0.004087	3.60	160.03	38 80	0.30
RIVER-2	Reach-1	7630.° 7750 *	Max WS	611 84	137.04	151.73		151.95	0.004726	3.60	169.60	39.19	0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7650.*	Max WS	614.50	136.66	150.79		150.99	0.004736	3.61	170.14	39.40	0.31
RIVER-2	Reach-1	7550.*	Max WS	617.16	136.17	150.32		150.52	0.004763	3.61	170.97	39.53	0.31
RIVER-2	Reach-1	7450.*	Max WS	619.81	135.68	149.85		150.05	0.004736	3.61	171.91	39.62	0.31
RIVER-2	Reach-1	7350.*	Max WS	622.48	135.19	149.38		149.58	0.004695	3.60	173.09	39.75	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	7250.*	Max WS	625.15	138.13 137.64 137.15 136.66 136.17 135.68 135.19 134.70 134.71 133.72 133.23 132.74 132.25 131.76 131.27	148.90		149.10	0.004683	3.61 3.61 3.61 3.69 3.65 3.65 3.65 3.65 4.17 4.36 3.83 3.47 3.65	174.12	39.19 39.40 39.53 39.62 39.75 40.02 40.87 44.58 47.69 48.47 46.79	0.27 0.29 0.30 0.30 0.30 0.31 0.31 0.31 0.31 0.30 0.30
RIVER-2	Reach-1	7150.*	Max WS	650.40 677.8T	134.21	148.39		148.39	0.004867	3.65	1/3./3 172 58	40.67 44.58	0.31
RIVER-2	Peach-1	7030." 6950 *	Max WS May WS	633.13	133.72	147.26		147.48	0.005400	3.72	170.24	47.03	0.34
RTVFR-2	Reach-1	6850.*	Max WS	635.41	132.74	146.62		146.85	0.006827	3.83	165.73	47.69	0.36
RIVER-2	Reach-1	6750.*	Max WS	591.30	132.25	146.00		146.21	0.006504	3.65	162.00	48.47	0.35
RIVER-2	Reach-1	6650.*	Max WS	641.15	131.76	145.27		145.54	0.008842	4.17	153.68	46.79	0.41
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	6550	Max WS	643.74	131.27	144.59		144.89	0.010092	4.36	147.59	46.02	0.43 0.40
R1VER→Z	Reach-1	6466.66*	Max WS	645.92	132.84	143.94		144.17	0.00/444	3.03	100.09	52.10	0.40
RIVER-2 RIVER-2	Reach-1	6300	Max WS	650.24	134.40	143.30		143.03	0.004313	3.69	176.44	39.26	0.33
RTVER-2	Reach-1	6250	Max WS	651.54	136.00	142.90		143.18	0.004617	4.18	155.75	36.31	0.36
RIVER-2	Reach-1	6200	Max WS	652.84	135.00	142.48		142.88	0.007067	5.12	127.56	28.45	0.43
RIVER-2	Reach-1	6100.*	Max WS	655.29	134.75	142.01		142.29	0.004869	4.26	153.71	35.75	0.36
RIVER-2	Reach-1	6000.*	Max WS	657.68	134.50	141.64		141.85	0.003711	3.67	179.14	43.72	0.32
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	5900.*	Max WS	658.86	134.25	141.29		141.45	0.0031/8	3.20	201.93	33.33 78 14	0.30
RIVER-2	Peach-1	5700 *	Max WS Max WS	662 07	134.40 135.97 136.00 135.00 134.75 134.25 134.00 133.75 133.50 133.25 133.00 132.73 132.45 131.91 131.64	140.30		140.56	0.005418	4.18 5.12 4.26 3.67 3.26 2.79 2.75 3.04 7.96 4.51 3.34 2.76	237.39	58.18 52.96 39.26 36.31 28.45 35.75 43.72 53.33 78.14 125.36 145.05 161.25 28.96 60.65	0.33 0.31 0.36 0.43 0.36 0.30 0.31 0.35 0.36 0.44 0.50 0.40
RIVER-2 RIVER-2	Reach-1	5600.*	Max WS	665.84	133.50	139.89		140.00	0.005880	2.75	243.14	145.05	0.36
RTVFR-2	Reach-1	5500.*	Max WS	690.11	133.25	139.23		139.37	0.008872	3.04	228.77	161.25	0.44
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	5400	Max WS	689.47	133.00	136.91		137.89	0.026421	7.96	86.59	28.96	0.81
RIVER-2	Reach-1	5304.54*	Max WS	691.71	132.73	135.70		136.02	0.009942	4.51	153.21	60.65	0.50
RIVER-2	Reach-1	5209.09*	Max WS	693.39	132.45	135.07		135.24	0.006417	3.34 2.76	207.43 251.05	127 63	0.40
RIVER-2	Reach-1	5018 18*	Max WS	694.96 697.32	132.10	134.33		134.70	0.003037	2.40	290.78	93.81 127.63 162.40	0.32
RTVER-2	Reach-1	4922.72*	Max WS	699.15	131.64	133.82		133.90	0.003926	2.15	325.00	108 30	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1	4827.27*	Max WS Max WS Max WS Max WS Max WS Max WS	701.06	131.04 131.36 131.09 130.82 130.55 130.27 130.00	133.49		133.55	0.003744	2.15 1.97 1.83	355.17	238.13 281.96 333.72 391.99 444.26	0.28 0.28 0.27 0.28 0.30 0.48 0.44 0.37
RIVER-2	Reach-1	4731.81*	Max WS	703.03	131.09	133.16		133.21	0.003654	1.83	383.28	281.96	0.28
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	4636.36*	Max WS	705.00	130.82	132.84		132.88	0.003708	1.72 1.66	408.81	333.72	0.27
RIVER-2	Reach-1	4540.90*	Max WS	/U/.10 700.40	130.55 130.27	132.48 132 10		132.33 132 14	0.004030	1.66	423.29	444.26	0.20
KIVEK-2	Reach-1	4443.43° 4350	Max WS	711 78	130.27	131.48		131.56	0.013721	2.26	315.26	458.//	0.48
RIVER-2	Reach-1	4260.*	Max WS Max WS	713.61	179.40	130.88		130.95	0.011080	2.26 2.11	339.20	469.77	0.44
RIVER-2	Reach-1	4170.*	Max WS	715.55	128.80 128.20	130.41		130.46	0.007521	1.87	382.84	471.11	0.37
RIVER-2	Reach-1 Reach-1	8450 8350 8250.* 8150.* 7950.* 7950.* 7650.* 7650.* 7450.* 7450.* 7150.* 7150.* 7150.* 6850.* 66750.* 6650.* 6650.* 6650.* 6650.* 6650.* 6650.* 6500.* 6500.* 5900.* 5900.* 5900.* 5900.* 5900.* 5900.* 5400.* 5	Max WS	\$93.96 \$93.93 \$93.88 \$94.41 \$93.74 \$93.74 \$93.93 \$93.93 \$93.93 \$93.93 \$93.33 \$93.38 \$93.38 \$93.38 \$93.38 \$93.38 \$93.38 \$93.38 \$93.46 \$93.58 \$93.46 \$93.59 \$93.10 \$93.28 \$93.28 \$93.28 \$93.28 \$93.33 \$93.30 \$101 \$102 \$102 \$102 \$102 \$103 \$1	128.20	154.39 153.98 153.95 153.11 152.65 152.19 151.73 151.26 150.79 150.32 149.85 148.90 148.39 147.26 146.62 146.00 145.27 144.59 143.94 143.94 144.20 144.64 141.29 140.90 142.91 141.64 141.69 142.91 143.89 149.89 139.23 135.70		154.57 154.18 153.30 152.40 151.93 151.46 150.99 150.52 150.52 150.50 149.58 149.50 148.05 147.48 146.21 145.54 144.17 143.18 144.29 144.89 144.89 144.17 143.18 142.29 141.85 141.04 140.50 140.50 140.50 141.04 140.50 141.05 141.07 143.18 142.29 141.85 141.04 140.50 141.05 141.06 141.07 143.37 143.18 144.27 133.90 134.27 133.90 134.27 133.90 133.21 132.88 132.14 131.56 130.09 129.78	0.003541 0.004340 0.004419 0.004413 0.004617 0.004687 0.004756 0.004756 0.004763 0.004763 0.004695 0.004695 0.004687 0.005468 0.006827 0.007414 0.003178	1.63 1.49	174.49 168.07 168.25 168.38 168.63 169.60 170.14 170.97 171.3.09 174.12 173.73 172.58 170.24 165.73 162.00 153.68 147.59 168.69 186.78 176.44 155.75 127.56 123.71 179.19 120.75 237.39 243.14 228.77 86.59 153.21 207.43 251.95 250.78 325.00 355.17 383.28 405.29 427.37 315.26 339.20 382.84 439.64 483.72	485.05	0.30 0.27
RIVER-2	Reach-1	3990.*	Max WS	719.37	127.60	129.75		129.78	0.003/34	1.49	483.72	496.15	0.27

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PATEN PATE							KiteC	reek.rep						
RYMEN-2 Reach-1 3790, ** Max No. 272-9.31 1.5-00 1.29 0.0 1.50 0.003185 1.42 311.40 306.40 0.24 RYMEN-2 Reach-1 3600, ** Max No. 272-9.32 126.10 1.29 0.0 1.	RIVER-2	Reach-1	3900		721.39	127.00	129.52		129.55	0.003217	1.41	511.84	508.94	0.25
# EVER-2 Seach-1 3500.* Wax WG 778.58 125.00 128.77 128.80 0.003100 1.42 111.47 491.18 0.52 128.78 128.80 128.75 128.80 0.003100 1.42 111.47 491.18 0.52 128.75 128.80 128.75 128.80 128.75 128.80 128.75 128.80 128.75 128.80 128.75 128.80 128.75 128.80 128.75 128.	RIVER-2	Reach-1	3800.*	Max WS	723.96 726.51	126.70	129.27		129.30	0.003203	1.42	510.96	502.46	0.25
RIVER-2 RESCH-1 3500 * MAX MS 731.45 125.80 128.55 128.55 128.55 0.002997 1.44 131.60 497.08 0.24 RIVER-2 RESCH-1 3200 ** MAX MS 731.46 125.30 128.55 128.55 128.55 0.002997 1.44 131.60 497.08 0.24 RIVER-2 RESCH-1 3200 ** MAX MS 731.46 125.30 127.77 RIVER-2 RESCH-1 3200 ** MAX MS 731.46 125.50 127.77 RIVER-2 RESCH-1 3200 ** MAX MS 731.40 127.75 RIVER-2 RESCH-1 3200 ** MAX MS 741.60 127.60 RIVER-2 RESCH-1 3200 ** MAX MS 741.60 RIVER-2 RESCH-1 3200 ** MA	RIVER-2	Reach-1	3/00."	Max WS	720.31 728 Q8	126.40	129.02		128.03	0.003100	1.42	511.40 513 47	490.40	0.23
EVURE-7 esech-1 3400.* MAX WS 738.94 C) 125.50 128.29 128.32 0.002291 1.41 221.36 44.443 0.244 EVURE-7 esech-1 3300.* MAX WS 736.46 1112.00 112.09 125.91	RTVER-2	Reach-1	3500.*	Max WS	731.45	125.80	128.53		128.56	0.003100	1.41	518.00	487.08	0.24
RIVER-2 Reach 1 3300.** MAX WS 7716.45 125.20 128.40 128.07 0.002775 1.40 224.93 481.20 0.24 RIVER-2 Reach 1 3000.** MAX WS 7716.60 124.60 124.50 127.53 127.56 0.002774 1.41 524.35 427.66 0.24 RIVER-2 Reach 1 3000.** MAX WS 7716.60 124.60 127.53 127.56 0.00274 1.41 524.35 427.66 0.24 RIVER-2 Reach 1 3000.** MAX WS 7716.60 124.60 127.53 127.56 0.00274 1.41 524.35 427.66 0.24 RIVER-2 Reach 1 3000.** MAX WS 7716.76 124.50 127.55 127.56 0.00274 1.40 524.35 427.50 1.20 127.57 12	RIVER-2	Reach-1	3400.*	Max WS	733.94	125.50	128.29		128.32	0.002921	1.41	521.96	484.49	0.24
RIVER-2 Reach-1 3200.** MAX US 779.01 124.90 127.79 127.82 0.002531 1.40 526.56 481.04 0.24 RIVER-2 Reach-1 2000.** MAX US 774.13 124.50 127.75 127.82 0.002532 1.40 526.56 481.04 0.25 RIVER-2 Reach-1 2000.** MAX US 774.13 124.00 126.94 126.95 126.93 0.003104 1.46 510.23 1310.03 0.26 RIVER-2 Reach-1 2000.** MAX US 774.74 13 124.00 126.94 126.93	DTVED 2	Reach-1	3300.*	Max WS	736.45	125.20	128.04		128.07	0.002876		524.93	483.29	0.24
RIVER-2 Reach 1 3000.** Max We 5 741.40 112.450 127.753 127.755 0.000774 1.44 524.81 477.66 0.254 127.755 0.000774 1.44 524.81 477.66 0.254 127.755 0.000774 1.44 524.81 477.66 0.254 127.755 0.000774 1.44 524.81 477.66 0.254 127.755 0.000774 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.23 510.00 0.00074 1.46 510.20 510.00 0.00074 1.46 510.00 0.00074 1.46 510.20 510.00 0.00074 1.46 510.20 510.00 0.00074 1.46 510.20 510.00 0.00074 1.46 510.20 510.00 0.00074 1.46 510.00 0.00074 1.46 510.20 510.00 0.00074 1.47 510.00 0.0007	RIVER-2	Reach-1	3200.*	Max WS	739.01	124.90	127.79		127.82	0.002853	1.40	526.36	481.04	0.24
ETVER-2 Reach-1 3900 Max NS 744,74 174,00 16,644 126,597 0.003464 1.46 310,23 830,03 0.56 ETVER-2 Reach-1 2725,75 Max NS 748,74 123,03 126,65 126,65 0.003867 1.50 0.25 0.25 127,72 0.75 ETVER-2 Reach-1 2725,75 Max NS 748,74 123,03 126,18 126,41 0.003508 1.50 0.99 123,05 0.25 ETVER-2 Reach-1 2725,75 Max NS 748,75 123,03 126,18 126,41 0.003508 1.50 0.99 131,55 0.25 ETVER-2 Reach-1 2462,75 Max NS 757,32 121,25 121,25 121,25 0.003508 1.20 0.003508 1.46 0.003608 1.50 ETVER-2 Reach-1 2262,75 Max NS 757,32 121,25 0.003508 1.20 0.003508 1.20 0.003508 1.20 ETVER-2 Reach-1 2262,75 Max NS 757,32 121,25 0.003508 1.20 0.003508 1.20 0.003508 1.20 ETVER-2 Reach-1 2263,75 Max NS 763,96 121,03 125,607 0.003508 1.20 0.003508 1.20 0.003508 1.20 ETVER-2 Reach-1 2263,75 Max NS 763,96 121,03 125,607 0.003508 1.20 0.003508 1.20 0.003508 1.20 0.003508 0.25 ETVER-2 Reach-1 299,165 Max NS 763,96 121,03 125,607 0.003508 0.0035	RIVER-2	Reach-1	3100.*	Max WS	741.60	124.60	127.53		127.56	0.002874	1.41	524.83	477.66	0.24
ETVER-2 Reach-1 2812_5* Max WS 748.87 133.52 116.65 126.88 0.0038e7 1.50 500.29 321.72 0.27 ETVER-2 Reach-1 250.** Max WS 759.07 123.05 126.83 1.16.65 126.88 0.0038e7 1.50 500.29 321.72 0.27 ETVER-2 Reach-1 250.** Max WS 759.07 123.05 126.83 1.16.65 126.83 1.16.83 1.16.65 126.83 1.16	RIVER-2	Reach-1	3000.*	Max WS	/44.15 746.74	124.30	127.25		127.28	0.003104	1.44	515.61	481.64	0.25
ETVER-2 Reach-1 2725,** Max ws 750,97 123,03 126,38 126,31 0,003903 1,50 499,10 1319,96 0,27 ETVER-2 Reach-1 2637,55 Max ws 757,32 121,158 1325,60 122,53 0,003585 1,48 1313,07 311,96 0,26 ETVER-2 Reach-1 2642,5° Max ws 757,32 121,158 1325,60 122,53 0,003585 1,48 1313,07 311,96 0,26 ETVER-2 Reach-1 273,33** Max ws 757,32 121,158 1325,60 122,53 0,003585 1,48 1313,07 311,96 0,26 ETVER-2 Reach-1 273,33** Max ws 757,32 121,158 132,40 7 122,00 0,003585 1,48 1313,07 311,96 0,26 ETVER-2 Reach-1 273,33** Max ws 757,32 121,10 125,33 125,60 0 122,53 0 0,003585 1,48 1313,07 311,96 0,26 ETVER-2 Reach-1 273,33** Max ws 757,32 121,10 125,33 125,60 0 122,63 0 0,003585 1,48 1313,07 311,96 0 0,26 ETVER-2 Reach-1 273,33** Max ws 757,32 121,10 125,33 125,60 0 122,63 0 0,003585 1,48 1313,07 311,96 0 0,26 ETVER-2 Reach-1 1991,66** Max ws 757,32 121,10 125,33 125,60 0 124,50 0	KTAFK-7	Reach-1	2900 2812 5*	Max WS	740.74	124.00	126.94		126.97	0.003494	1.40	510.23	521.03	0.20
EIVER-2 Reach-1 2697.5° Max WS 753.10 122.55 126.13 126.16 0.003668 1.48 500.19 519.55 0.26 EIVER-2 Reach-1 2550 ° Max WS 7575.12 122.70 115.876 0.25 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.876 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.876 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.00 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.00 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.00 0.25 0.26 EIVER-2 Reach-1 2375 Max WS 775.12 122.70 115.00 0.25 0.25 0.25 0.25 0.25 0.25 0.25	RTVER-2	Reach-1	2725.*	Max WS	750.97	123.03	126.38		126.41	0.003007	1.50	499.10	519.96	0.27
ELYPER-2 Reach-1 2750 ** Max WS 755.21 122.07 115.87 125.91 0.003504 1.46 316.75 518.56 0.26 ELYPER-2 Reach-1 2779.16* Max WS 755.21 122.07 115.33 125.37 0.00372 1.47 116.33 11.59 0.26 ELYPER-2 Reach-1 2779.16* Max WS 761.71 121.07 125.06 125.00 124.26 0.003144 1.44 229.80 525.95 0.25 ELYPER-2 Reach-1 1991.66* Max WS 761.71 121.07 125.06 125.00 124.26 125.00 125.0	KTAEK-7	Reach-1	2637.5*	Max WS	753.10	122.55	126.13		126.16	0.003668	1.48	509.19	519.55	0.26
ELVER-2 Reach-1 2462.5° Max WS 77.32 121.58 125.60 125.60 1.0.03585 1.48 311.03 151.98 0.45 125.60 1.25 125.60 1.25 125.60 1.0.03585 1.48 311.03 151.98 0.45 125 125 125 125 125 125 125 125 125 12	RIVER-2	Reach-1	2550.*	Max WS	755.21	122.07	125.87		125.91	0.003504	1.46	516.75	518.56	0.26
REACH-1 2771.16- MAX WB 778.171 1.11.07 1.55.06 1.55.00 0.003440 1.14 529.80 235.35 0.55 MAX WB 778.171 1.11.07 1.55.06 1.55.00 0.003440 1.14 529.80 235.35 0.55 MAX WB 776.26 26 121.00 124.57 1.11.07 1.11.	RIVER-2	Reach-1	2462.5*	Max WS	757.32	121.58	125.60		125.63	0.003585	1.48	513.07	515.96	0.26
RIVER-2 Reach-1 2183.33** MAX WS 763.39** 121.03** 124.477** 124.80** 0.003439** 1.144** 529.92** 536.41** 0.756 RIVER-2 Reach-1 1991.66** MAX WS 766.26** 121.00** 124.50** 124.50** 124.50** 124.50** 0.003393** 1.44** 537.99** 539.18** 0.23 RIVER-2 Reach-1 1991.66** MAX WS 768.50** 120.97** 124.26** 124.29** 0.003939** 1.44** 1337.99** 539.18** 0.23 RIVER-2 Reach-1 1809.3** MAX WS 775.21** 120.90** 123.84** 124.29** 0.00326** 1.17** 1399.98** 539.18** 0.23 RIVER-2 Reach-1 1709.** MAX WS 7775.21** 120.90** 123.84** 123.66** 0.00215** 1.22** 634.66** 581.46** 0.23 RIVER-2 Reach-1 1709.** MAX WS 7775.21** 120.90** 123.84** 123.66** 0.00215** 1.28** 605.65** 530.23 0.21 RIVER-2 Reach-1 1709.** MAX WS 7775.21** 120.90** 123.84** 123.66** 0.00215** 1.28** 605.65** 530.23 0.22 MINERAL REACH-1 120.28** MAX WS 7775.21** 120.90** 123.84** 123.66** 0.0025** 1.28** 605.65** 530.23 0.22 MINERAL REACH-1 120.28** MAX WS 7781.87** 119.90** 122.87** 122.91** 0.0035** 1.66** 533.50** 230.22 0.22 MINERAL REACH-1 120.28** MAX WS 7781.87** 119.90** 122.87** 122.91** 0.0035** 1.66** 477.77** 479.06** 0.27 RIVER-2 REACH-1 1203.46** MAX WS 7781.87** 119.90** 122.87** 122.91** 0.0035** 1.66** 477.77** 479.06** 0.27 RIVER-2 REACH-1 1203.46** MAX WS 7781.81** 119.00** 122.87** 122.91** 0.0035** 1.66** 477.77** 479.06** 0.27 RIVER-2 REACH-1 1203.46** MAX WS 7781.81** 117.65** 121.12** 122.91** 120.0035** 1.15** 530.22** 570.70** 0.25 RIVER-2 REACH-1 1203.46** MAX WS 7781.63** 117.65** 121.12** 122.91** 120.0035** 1.15** 530.22** 570.70** 0.25 RIVER-2 REACH-1 193.46** MAX WS 7781.63** 117.65** 121.12** 122.91** 121.12** 121.	RIVER-2	Reach-1	23/5 2270 16*	Max WS	/59.42 761 71	121.10	125.33		125.37	0.0034/2	1.4/	518.33	514.32	0.26
ELYRE-2 Reach-1 1991.66** Max WS 766.26 121.00 124.50 124.50 1.24.53 0.003393 1.43 137.69 547.03 0.25 RIVER-2 Reach-1 1991.66** Max WS 777.65 10 120.97 120.97 124.26 124.29 0.00366 1.37 559.80 559.13 0.25 RIVER-2 Reach-1 1980.63** Max WS 777.65 11 120.97 120.43 123.44 124.26 0.00366 1.37 559.80 559.13 0.25 RIVER-2 Reach-1 1980.65** Max WS 777.67 11 119.95 123.44 123.46** 0.002545 1.32 599.46 88 577.46 0.25 RIVER-2 Reach-1 1515.* Max WS 777.41 119.95 123.44 123.45 0.002557 1.36 573.39 1523.26 0.23 0.21 RIVER-2 Reach-1 1515.* Max WS 777.41 119.95 123.44 123.45 0.002567 1.36 573.39 1523.26 0.23 0.21 RIVER-2 Reach-1 1515.* Max WS 777.67 11 119.95 123.46 123.46 123.47 0.002567 1.36 573.39 1523.26 0.23 0.21 RIVER-2 Reach-1 1324.66** Max WS 778.67 1118.00 123.85 123.28 0.00366 1.61 590.77 RIVER-2 Reach-1 1324.66** Max WS 781.83 1118.62 122.85 122.85 0.00366 1.61 590.72 580.83 0.07 RIVER-2 Reach-1 1153.46 Max WS 781.65 1117.68 122.25 122.27 0.003499 1.57 522.27 580.83 0.07 RIVER-2 Reach-1 1153.46 Max WS 781.65 1117.68 122.22 122.27 0.003499 1.57 522.27 580.83 0.07 RIVER-2 Reach-1 1153.46 Max WS 781.65 1117.68 122.12 122.27 0.003499 1.57 522.27 580.83 0.07 RIVER-2 Reach-1 153.46 Max WS 781.65 1117.68 122.12 122.27 0.003499 1.57 522.27 580.83 0.07 RIVER-2 Reach-1 153.46 Max WS 781.65 1117.68 122.12 123.12 1	DT\/ED_7	Reach-1	2183 33*	Max WS	763.71	121.07	123.00		124 80	0.003344	1.44	529.92	536.41	0.26
RIVER-2 Reach-1 1991.66° Max WS 768.50 120.97 124.26 124.29 0.003668 1.37 559.86 559.13 0.24 EVER-2 Reach-1 1895.83° Max WS 779.76° 121.20.30° 120.90°	RIVER-2	Reach-1	2087.5*	Max WS	766.26	121.00	124.50		124.53	0.003393	1.43	537.69	547.03	0.25
RIVER-2 Reach-1 1895, 8.3* Max WS 770, 75 120, 93 124, 04 124, 07 0,002647 1,30 591, 70 571, 93 0,23 RIVER-2 Reach-1 1800, * Max WS 777, 91 120, 93 123, 84 123, 85 0,002534 1,36 65,5 38,0 42 0,23 RIVER-2 Reach-1 1610, * Max WS 777, 91 119, 95 123, 84 123, 84 123, 85 0,002657 1,36 573, 93 523, 26 0,23 RIVER-2 Reach-1 140, 61* Max WS 773, 85 119, 67 123, 85 123, 84 123, 85 0,002657 1,36 573, 93 523, 26 0,23 RIVER-2 Reach-1 140, 61* Max WS 781, 81 119, 67 122, 87 123, 81 123,	RIVER-2	Reach-1	1991.66*	Max WS	768.50	120.97	124.26		124.29	0.003068	1.37	559.98	559.13	0.24
RIVER-2 Reach-1 1800 * MAX WS 77.93 1.03.93 1.23.84 1.23.87 0.002435 12.8 644.65 38.49 02.5 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.	RIVER-2	Reach-1	1895.83*	Max WS	770.75	120.93	124.04		124.07	0.002647	1.30	591.70	571.93	0.23
RETURE-2 REACH-1 1610 ** MAX NG 777.41 119.35 123.48 122.51 0.002657 1.36 073.39 322.56 0.24 RIVER-2 REACH-1 1400 ** MAX NG 778.65 119.47 123.18 123.11 0.002949 1.46 973.39 322.56 0.24 RIVER-2 REACH-1 1400 ** MAX NG 778.65 119.47 123.18 123.11 0.002949 1.46 977.77 479.66 0.27 RIVER-2 REACH-1 1400 ** MAX NG 781.87 119.00 122.87 112.51 0.003628 1.61 497.77 479.66 0.27 RIVER-2 REACH-1 1324.61* MAX NG 781.87 119.00 122.87 112.52 0.003638 1.61 505.77 380.83 0.22 0.24 RIVER-2 REACH-1 1324.61* MAX NG 781.81 113.62 122.54 122.55 0.0036369 1.55 505.77 380.83 0.25 0.25 RIVER-2 REACH-1 133.24* MAX NG 781.70 117.83 122.54 122.55 0.0036369 1.55 512.76 579.92 0.05 63 0.25 RIVER-2 REACH-1 1038.46* MAX NG 781.58 117.08 121.53 121.92 121.66 0.003439 1.55 512.76 579.92 0.05 63 0.05 0.05 63 0.05 63 0.05 0.05 63 0.05 0.05 63 0.05 0.05 63 0.05 0.05 63 0.05 0.05 63 0.05 0.05 63 0.05 0.05	RIVER-2	Reach-1	1800	Max WS	772.99	120.90	123.84		123.86	0.002155	1.22	634.68	581.46	0.21
RIVER-2 Reach-1 1315.* Max WS 779.65 119.47 123.18 123.21 0.002994 1.46 538.33 503.22 0.24 RIVER-2 Reach-1 1420 Max WS 781.87 119.00 122.87 122.91 0.003628 1.61 497.77 479.06 0.27 RIVER-2 Reach-1 1324.61* Max WS 781.87 118.62 122.54 122.91 0.003628 1.61 497.77 550.83 0.27 RIVER-2 Reach-1 1324.61* Max WS 781.67 117.85 121.92 121.60 0.003449 1.55 532.26 579.92 0.00568 1.61 57.000 0.00568 1.0000 0.00568 1.0000 0.00568 1.0	RIVER-2	Reach-1	1/05.* 1610 *	Max WS	7/3.21 777 <i>4</i> 1	110.43	123.04		123.07	0.002334	1.40	573 39	523 26	0.21
RIVER-2 Reach-1 1240 Max WS 781.87 119.00 122.87 122.91 0.003626 1.61 407.77 479.06 0.27 RIVER-2 Reach-1 1324.61 Max WS 781.81 118.62 122.54 122.58 0.003636 1.61 505.77 570.83 0.27 RIVER-2 Reach-1 1129.123* Max WS 781.81 118.62 122.54 122.58 0.00349 1.55 522.77 500.83 0.27 RIVER-2 Reach-1 1038.46* Max WS 781.81 117.46 121.62 121.66 0.003444 1.52 532.27 500.82 0.05 RIVER-2 Reach-1 943.076* Max WS 781.63 117.46 121.62 121.65 0.003444 1.52 532.27 500.82 0.05 RIVER-2 Reach-1 943.076* Max WS 781.63 117.46 121.62 121.62 121.66 0.003444 1.52 532.83 9.82 576.70 0.55 RIVER-2 Reach-1 943.076* Max WS 781.51 116.69 121.09 121.123 0.003334 1.46 553.22 539.82 576.70 0.55 RIVER-2 Reach-1 50.005 Max WS 781.51 116.69 121.09 121.123 0.003334 1.46 553.22 539.82 576.70 0.25 RIVER-2 Reach-1 50.005 Max WS 781.51 116.69 121.00 121.123 0.003334 1.46 553.22 556.80 0.25 RIVER-2 REACH-1 556.538* Max WS 781.51 116.69 121.00 121.123 0.003334 1.46 553.22 568.80 0.25 RIVER-2 REACH-1 566.538* Max WS 781.67 115.54 120.23 120.60 0.03334 1.46 1533.39 576.84 0.25 RIVER-2 REACH-1 566.538* Max WS 781.07 115.54 120.23 120.60 0.00338.8 1.49 533.39 576.84 0.25 RIVER-2 REACH-1 466.133* Max WS 781.67 115.54 120.23 120.60 0.00338.8 1.49 333.39 576.84 0.00 0.26 RIVER-2 REACH-1 466.133* Max WS 781.67 115.54 119.97 120.01 0.003231 1.63 481.48 392.00 0.26 RIVER-2 REACH-1 320.59 Max WS 781.41.47 119.77 110.77 0.003333 1.68 445.13 337.49 0.25 RIVER-2 REACH-1 320.59 Max WS 781.67 114.77 119.77 110.77 0.003333 1.68 445.13 337.49 0.25 RIVER-1 REACH-1 326 Max WS 141.40 0.119.08 1119.16 0.004888 2.37 2.37 2.57 55 181.43 0.35 RIVER-1 REACH-1 325.5* Max WS 141.40 0.119.08 1119.16 0.004888 2.37 2.37 2.57 55 181.43 0.35 RIVER-1 REACH-1 325.5* Max WS 141.40 0.119.08 1119.16 0.004888 2.37 327.55 181.43 0.35 RIVER-1 REACH-1 325.5* Max WS 141.40 0.119.08 1119.16 0.004888 2.37 327.55 181.43 0.35 RIVER-1 REACH-1 325.5* Max WS 141.40 0.119.08 119.09 170.98 0.004825 1.30 184.49 220.09 233.08 0.47 RIVER-1 REACH-1 325.5* Max WS 141.40 0.119.60 0.119.70 0.004925 1.30 184.49 220.0	RTVER-2	Reach-1	1515.*	Max WS	779.65	119.47	123.18		123.21	0.002994	1.46	538.33	503.22	0.24
RIVER-2 Reach-1 1324.61* Max WS 781.51 118.62 122.54 122.58 0.003636 1.61 505.72 580.83 0.27 RIVER-2 Reach-1 1123.46* Max WS 781.57 118.23 122.23 122.77 0.003499 1.75 522.27 580.93 0.27 RIVER-2 Reach-1 1133.46* Max WS 781.66 117.86 121.16 0.003499 1.75 522.27 580.93 0.25 RIVER-2 Reach-1 1133.46* Max WS 781.65 117.86 121.16 0.003499 1.75 522.27 580.83 0.27 RIVER-2 Reach-1 1133.46* Max WS 781.58 117.08 121.35 121.36 0.003499 1.55 532.42 576.00 0.25 RIVER-2 Reach-1 752.307* Max WS 781.59 116.69 121.09 121.12 0.003356 1.49 538.42 577.00 0.25 RIVER-2 Reach-1 655.923* Max WS 781.59 116.69 121.09 121.12 0.003356 1.46 553.22 588.80 0.25 RIVER-2 Reach-1 655.923* Max WS 781.49 116.31 120.80 120.80 120.84 0.003348 1.46 553.22 588.80 0.25 RIVER-2 Reach-1 655.923* Max WS 781.49 116.31 120.80 120.80 120.84 0.003348 1.45 533.22 588.80 0.25 RIVER-2 Reach-1 655.923* Max WS 781.49 116.31 120.80 120.84 0.003348 1.45 533.22 588.80 0.25 RIVER-2 Reach-1 655.923* Max WS 7781.40 115.94 120.03 120.54 0.003348 1.45 533.20 0.00348 1.85 120.40	RIVER-2	Reach-1	1420	Max WS	781.87	119.00	122.87		122.91	0.003628	1.61	497.77	479.06	0.27
RIVER-2 Reach-1 1229-23* Max WS 781.75 118.23 122.23 122.27 0.003499 1.57 522.27 580.94 0.26 REAL TOTAL RIVER-2	Reach-1	1324.61*	Max WS	781.81	118.62	122.54		122.58	0.003636	1.61	505.72	580.83	0.27	
REVER-2 Reach-1 133.44° Max WS 781.67 117.58 117.78 121.25 121.96 0.003434 1.53 337.62 376.70 0.25 RIVER-2 Reach-1 847.692° Max WS 781.51 116.69 121.09 121.12 0.003334 1.46 553.22 558.80 0.25 RIVER-2 Reach-1 656.923° Max WS 781.49 116.31 120.80 121.00 0.03334 1.46 553.22 558.80 0.25 RIVER-2 Reach-1 561.538° Max WS 781.49 116.31 120.80 120.50 120.54 0.003348 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 561.538° Max WS 781.49 116.31 120.80 120.50 120.54 0.003318 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 561.538° Max WS 781.49 116.31 120.80 120.50 120.54 0.003318 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 466.153° Max WS 781.47 115.97 120.50 120.50 120.54 0.003318 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 466.153° Max WS 778.28 115.15 119.97 120.00 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 466.153° Max WS 778.28 115.15 7119.97 120.01 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 466.153° Max WS 778.28 115.15 71 119.97 120.01 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 375.738° Max WS 778.28 115.15 71 119.97 120.01 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 325.5° Max WS 778.28 115.15 71 119.97 120.01 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 325.5° Max WS 778.28 115.15 71 119.97 120.01 0.003523 1.63 481.43 332.00 0.26 RIVER-2 Reach-1 325.5° Max WS 778.28 114.40 169.00 179.09 0.00454 1.00 0.00454 1	RIVER-2	Reach-1	1229.23*	Max WS	781.75	118.23	122.23		122.27	0.003499	1.57	522.27	580.94	0.26
REVER-2 Reach-1 943.076* MAX WS 781.58 117.08 121.35 121.38 0.003356 1.49 548.41 573.13 0.25 RIVER-2 Reach-1 847.692* MAX WS 781.49 116.69 121.09 121.12 0.003334 1.46 553.22 568.80 0.25 RIVER-2 Reach-1 752.307* MAX WS 781.49 116.31 120.80 120.83 0.003282 1.49 539.59 525.85 0.25 RIVER-2 Reach-1 656.923* MAX WS 781.44 115.92 120.50 120.54 0.003348 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 561.538* MAX WS 781.44 115.92 120.50 120.54 0.003348 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 561.538* MAX WS 781.07 115.54 120.23 120.56 0.003364 1.61 498.57 439.00 0.25 RIVER-2 Reach-1 561.538* MAX WS 781.07 115.54 120.23 120.25 0.003364 1.61 498.57 439.00 0.25 RIVER-2 Reach-1 273.384* MAX WS 781.00 115.54 120.23 120.24 0.003384 1.61 498.57 439.00 0.25 RIVER-2 Reach-1 275.384* MAX WS 762.87 114.38 119.77 119.77 0.003393 1.68 445.13 337.49 0.26 RIVER-2 Reach-1 275.384* MAX WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 MAX WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 MAX WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 MAX WS 141.40 169.00 170.95 170.95 170.98 0.001362 1.71 135.96 128.07 0.02 RIVER-1 REACh-1 325.5* MAX WS 141.40 169.00 170.95 170.95 170.99 0.001362 1.71 135.96 128.07 0.02 RIVER-1 REACh-1 325.5* MAX WS 141.30 168.75 170.37 170.97 0.000693 1.30 MAX WS 141.80 168.75 170.37 170.97 0.000693 1.30 MAX WS 141.00 169.00 170.95 170.95 170.99 0.001362 1.71 135.96 128.07 0.00588 128.07 0.00589 1.30 MAX WS 472.05 168.00 170.13 170.97 0.000693 1.39 8.209.19 220.24 0.05 RIVER-1 REACh-1 322.5* MAX WS 472.05 168.00 170.13 170.97 0.000693 1.39 8.209.19 220.24 0.05 RIVER-1 REACh-1 322.5* MAX WS 472.05 168.00 170.13 170.97 0.000693 1.39 8.209.19 220.24 0.05 RIVER-1 REACh-1 322.5* MAX WS 472.05 168.00 170.05 169.77 169.97 16	RIVER-2	Reach-1	1133.84*	Max WS	/81.6/ 701.62	117.85	121.92		121.96	0.003459	1.55	532.26 530.83	579.92 576.70	0.26
RIVER-2 Reach-1 847.692* Max WS 781.51 116.69 121.09 121.12 0.003334 1.46 553.22 568.80 0.25 RIVER-2 Reach-1 752.307* Max WS 781.49 116.31 120.80 120.83 0.003282 1.49 553.59 59 558.85 0.25 RIVER-2 Reach-1 561.538* Max WS 781.07 115.54 120.23 120.50 120.54 0.003318 1.55 517.46 476.94 0.26 RIVER-2 Reach-1 561.538* Max WS 781.07 115.54 120.23 120.26 0.003346 1.61 498.57 439.00 0.26 RIVER-2 Reach-1 361.538* Max WS 778.28 115.15 119.97 120.00 0.00251 1.65 481.48 392.00 0.25 RIVER-2 Reach-1 367.798 Max WS 778.28 115.15 119.97 120.01 0.00251 1.65 481.48 392.00 0.25 RIVER-2 Reach-1 367.798 Max WS 778.28 115.15 119.97 120.01 0.00251 1.65 481.48 392.00 0.25 RIVER-2 Reach-1 367.598 Max WS 778.28 115.15 119.97 120.01 0.00251 1.65 481.48 392.00 0.05 RIVER-2 Reach-1 365 Max WS 778.28 115.15 119.97 120.00 119.08 119.16 0.008888 2.37 257.55 181.43 0.35 RIVER-2 Reach-1 180.50 Max WS 141.40 169.00 170.95 119.08 119.16 0.008888 2.37 257.55 181.43 0.35 RIVER-1 Reach-1 325.5* Max WS 141.40 169.00 170.95 170.98 0.001382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5* Max WS 141.30 168.75 170.91 170.93 0.000645 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 325.5* Max WS 386.69 168.50 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 325.45 Max WS 386.69 168.50 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 325.85 Max WS 472.40 68.65 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 322.85 Max WS 500.07 166.00 167.70 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 322.85 Max WS 500.07 166.00 167.70 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 322.85 Max WS 500.07 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 311.8 Max WS 500.07 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 311.8 Max WS 500.07 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 311.8 Max WS 500.00 1165.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 311.8 Max WS 500.00 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Rea	RIVER-2	Reach-1	943 076*	May WS	781 58	117.40	121.02		121.00	0.003434	1.49	548.41	573.13	0.25
RIVER-2 Reach-1 656.93* Max MS 781.49 116.31 120.80 120.50 120.54 0.003282 1.49 539.59 525.85 0.25 RIVER-2 Reach-1 656.93* Max MS 781.07 115.54 120.50 120.54 0.003318 1.55 517.46 476.94 0.25 RIVER-2 Reach-1 466.153* Max MS 778.26 115.54 120.23 120.66 0.003561 1.61 496.57 343.00 0.26 RIVER-2 Reach-1 466.153* Max MS 778.28 115.57 115.54 120.23 120.66 0.003513 1.63 481.48 392.00 0.25 RIVER-2 Reach-1 270.76 Max MS 777.28 115.57 113.57 120.01 0.003251 1.63 481.48 392.00 0.25 RIVER-2 Reach-1 270.76 Max MS 777.28 115.57 113.57 120.01 0.003251 1.63 481.48 392.00 0.25 RIVER-2 Reach-1 270.76 Max MS 777.28 115.57 113.57 113.77 120.01 0.003513 1.63 481.48 392.00 0.25 RIVER-2 Reach-1 270.76 Max MS 777.47 114.10 119.08 115.57 0.003591 1.68 445.13 392.00 0.25 RIVER-1 Reach-1 270.58 Max MS 141.40 169.00 170.95 170.98 0.00549 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07	RIVER-2	Reach-1	847.692*	Max WS	781.51	116.69	121.09		121.12	0.003334	1.46	553.22	568.80	0.25
RIVER-2 Reach-1 551.538* Max WS 781.44 115.92 120.50 120.54 0.003318 1.55 317.46 476.94 0.26 RIVER-2 Reach-1 561.538* Max WS 781.07 115.54 120.23 120.26 0.003318 1.55 317.46 476.94 0.26 RIVER-2 Reach-1 561.538* Max WS 787.82 115.17 115.74 110.23 120.36 0.003318 1.63 481.53 337.09 0.06 0.26 RIVER-2 Reach-1 275.384* Max WS 778.28 115.15 119.75 119.77 0.003313 1.63 481.53 337.09 0.0.26 RIVER-2 Reach-1 1270.384* Max WS 778.28 115.15 119.75 119.77 0.003313 1.63 481.53 337.09 0.0 0.26 RIVER-2 Reach-1 1270.384* Max WS 762.87 1119.45 119.75 0.004544 1.96 374.31 278.91 0.31 RIVER-2 Reach-1 1270.384* Max WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 181.43 0.35 RIVER-1 Reach-1 326 Max WS 141.40 169.00 170.95 170.98 0.001382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5* Max WS 141.30 168.75 170.91 170.99 0.000454 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 325.5* Max WS 366.69 168.50 170.67 170.97 0.00452 3.35 200.19 220.94 0.45 RIVER-1 Reach-1 324.5* Max WS 366.69 168.50 170.67 170.97 0.00452 3.35 200.19 220.94 0.45 RIVER-1 Reach-1 324.5* Max WS 366.69 168.50 170.67 170.97 169.93 0.000645 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 324.5* Max WS 370.00 1.60 169.77 169.93 0.000645 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 324.5* Max WS 370.00 186.50 170.67 170.97 0.00432 3.39 200.00 190.20	RIVER-2	Reach-1	752.307*	Max WS	781.49	116.31	120.80		120.83	0.003282	1.49	539.59	525.85	0.25
RIVER-2 Reach-1 361.348" Max WS 778.28 115.15 115.93 120.25 1.0.26 0.003594 1.61 498.74 439.00 0.26 RIVER-2 Reach-1 366.153* Max WS 778.28 115.15 115.15 115.97 115.77 115.97 115	RIVER-2	Reach-1	656.923*	Max WS	781.44	115.92	120.50		120.54	0.003318	1.55	517.46	476.94	0.26
RTUPER-1 Reach-1 270.769* Max WS 771.79* 114.77* 115.77* 119.77* 0.0033933 1.168 445.13 337.49* 0.26* RTUPER-2 Reach-1 275.384* Max WS 611.36* 114.00* 119.08* 119.16* 0.005898* 2.37* 257.55* 181.43* 0.31* RTUPER-2 Reach-1 326* Max WS 611.36* 114.00* 119.08* 119.16* 0.005898* 2.37* 257.55* 181.43* 0.35* RTUPER-1 Reach-1 326* Max WS 141.40* 169.00* 170.99* 170.98* 0.00188* 1.71* 135.96* 180.07* 0.26* RTUPER-1 Reach-1 325.5* Max WS 141.30* 168.75* 170.91* 170.93* 0.000645* 1.30* 184.93* 210.52* 0.18* RTUPER-1 Reach-1 324.5* Max WS 472.37* 168.25* 170.96* 170.67* 170.77* 0.004125* 3.35* 200.12* 220.29* 0.46* RTUPER-1 Reach-1 324.5* Max WS 472.37* 168.25* 170.36* 170.49* 0.005929* 3.98* 209.19* 224.04* 0.55* 170.40* 170.4	RTVFR~/	Reach-1	561.538*	Max WS	/81.U/	115.54	120.23		120.26	0.003364	1.61	498.57	439.00 302.00	0.26
RIVER-2 Reach-1 180 Max WS 762.87 114.38 119.45 119.52 0.004544 1.96 374.31 278.31 0.35 RIVER-1 Reach-1 180 Max WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 181.43 0.35 RIVER-1 Reach-1 326 Max WS 141.40 169.00 170.95 170.98 0.001382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5* Max WS 141.40 169.00 170.95 170.98 0.001382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5* Max WS 386.69 168.50 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 324.5* Max WS 472.37 168.25 170.36 170.36 170.49 0.005929 3.98 209.19 224.04 0.55 RIVER-1 Reach-1 323.* Max WS 472.05 168.00 170.13 170.22 0.004380 3.48 240.09 233.08 0.47 RIVER-1 Reach-1 323.* Max WS 472.05 168.00 170.13 170.22 0.004380 3.48 240.09 233.08 0.47 RIVER-1 Reach-1 323.* Max WS 471.90 167.02 169.77 169.77 169.93 0.004736 4.24 225.93 264.65 0.51 RIVER-1 Reach-1 320 Max WS 500.07 166.00 167.00 169.77 168.00 100.005929 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 320 Max WS 500.07 166.00 167.92 168.03 0.008495 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 319.* Max WS 500.11 166.00 167.70 167.78 0.003717 2.62 288.94 403.69 0.41 RIVER-1 Reach-1 318 Max WS 499.70 166.00 167.54 167.54 167.59 0.002727 2.01 334.18 599.56 0.41 RIVER-1 Reach-1 317.* Max WS 500.10 165.50 167.33 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 316 Max WS 499.70 166.00 167.50 167.54 167.59 0.002727 2.01 334.18 599.56 0.41 RIVER-1 Reach-1 317.* Max WS 500.10 165.50 166.30 166.40 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 316. Max WS 499.50 163.50 165.33 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 313.* Max WS 499.40 165.00 165.83 167.38 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 314. Max WS 499.50 163.50 165.40 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 313.* Max WS 500.64 165.00 165.83 165.93 0.002493 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 313.* Max WS 500.64 165.00 165.83 165.93 0.003409 2.99 283.63 324.66 0.00447 1.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.000099 3.	RIVER-2	Reach-1	370 769*	Max WS	770.26 771 74	114 77	119.37		119.77	0.003231	1.68	445.13	337.49	0.26
RIVER-1 Reach-1 326 Max WS 611.36 114.00 119.08 119.16 0.005898 2.37 257.55 181.43 0.35 RIVER-1 Reach-1 326 Max WS 141.40 169.00 170.95 170.98 0.001382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5* Max WS 141.30 168.75 170.91 170.93 0.000645 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 325.* Max WS 386.69 168.50 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 324.5* Max WS 472.37 168.25 170.36 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 324.5* Max WS 472.05 168.00 170.67 170.13 170.93 0.000645 1.30 184.93 210.52 0.18 RIVER-1 Reach-1 324 Max WS 472.05 168.00 170.67 170.73 0.004125 3.35 200.19 224.04 0.55 4.75 170.75	RIVER-2	Reach-1	275.384*	Max WS	762.87	114.38	119.45		119.52	0.004544	1.96	374.31	278.31	0.31
RIVER-1 Reach-1 326 Max WS 141.40 169.00 170.95 170.95 0.000382 1.71 135.96 180.07 0.26 RIVER-1 Reach-1 325.5° Max WS 386.69 168.50 170.67 170.77 0.0004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 324.5° Max WS 386.69 168.50 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RIVER-1 Reach-1 324.5° Max WS 472.37 168.25 170.36 170.49 0.005929 3.98 209.19 224.04 0.05 RIVER-1 Reach-1 324.5° Max WS 472.05 168.00 170.13 170.22 0.004380 3.48 240.09 233.08 0.47 RIVER-1 Reach-1 322 Max WS 471.90 167.02 169.77 169.39 0.004380 3.48 240.09 233.08 0.47 RIVER-1 Reach-1 322 Max WS 471.90 167.02 169.77 169.39 0.004380 3.48 240.09 233.08 0.47 RIVER-1 Reach-1 322 Max WS 500.07 166.00 167.92 168.80 0.004736 4.24 225.93 264.65 1.00 167.12 RIVER-1 Reach-1 322 Max WS 500.07 166.00 167.99 168.80 0.004736 4.49 226.79 273.92 0.004380 1.00 167.99 1.00 1	RTVFR-/	Reach-1	180	Max WS	611.36	114.00	119.08		119.16	0.005898	2.37	257.55	181.43	0.35
RTVER-1 Reach-1 325.5" Max WS 141.30 168.75 170.91 170.93 0.000435 1.30 164.93 210.32 0.18 RTVER-1 Reach-1 324.5" Max WS 386.69 168.05 170.67 170.77 0.004125 3.35 200.12 220.29 0.46 RTVER-1 Reach-1 324.5" Max WS 472.37 168.25 170.36 170.36 170.49 0.005929 3.98 209.19 224.04 0.55 170.20 170.22 0.004380 3.48 240.09 233.08 0.47 RTVER-1 Reach-1 324 Max WS 472.05 168.00 170.13 170.22 0.004380 3.48 240.09 233.08 0.47 RTVER-1 Reach-1 322 Max WS 471.90 167.02 169.77 169.77 0.004380 3.48 240.09 233.08 0.47 RTVER-1 Reach-1 322 Max WS 471.90 167.02 169.77 169.70 0.018120 7.98 85.96 89.44 0.95 RTVER-1 Reach-1 319. Max WS 500.07 166.00 167.92 168.03 0.004356 4.24 225.93 264.65 0.51 RTVER-1 Reach-1 319. Max WS 500.21 166.00 167.92 168.03 0.008495 4.49 226.79 273.92 0.64 RTVER-1 Reach-1 319. Max WS 500.10 165.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RTVER-1 Reach-1 317. Max WS 499.70 166.00 167.54 167.59 0.002777 2.01 354.18 549.56 0.35 RTVER-1 Reach-1 317. Max WS 500.10 165.50 167.33 167.58 0.002777 2.01 354.18 549.56 0.35 RTVER-1 Reach-1 315. Max WS 499.75 164.50 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RTVER-1 Reach-1 315. Max WS 499.41 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RTVER-1 Reach-1 315. Max WS 499.50 163.50 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RTVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.62 0.44 RTVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 333.61 0.38 RTVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 333.61 0.38 RTVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 333.61 0.38 RTVER-1 Reach-1 310 Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 333.61 0.38 RTVER-1 Reach-1 310 Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 333.61 0.38 RTVER-1 Reach-1 309 Max WS 504.03 161.26 163.64 163.25 163.34 0.002817 2.82 289.40 437.42 266.93 0.43 RTVER-1 Reach-1 309 Max WS 504.69 159.00 166.82 160.00 166.82 160.00033 1.61 166.00 0.00031 1.61 165.15 160.000361	RIVER-1	Reach-1	326	Max WS	141.40	169.00	170.95		170.98	0.001382	1.71	135.96	180.07	0.26
RIVER-1 Reach-1 324.5* Max WS 477.37 168.25 170.36 170.49 0.005929 3.98 209.19 224.04 0.55 RIVER-1 Reach-1 324 Max WS 477.05 168.00 170.13 170.22 0.004380 3.48 240.09 233.08 0.47 ARIVER-1 Reach-1 323.* Max WS 471.90 167.02 169.77 169.93 0.04736 4.24 225.93 264.65 0.51 RIVER-1 Reach-1 322 Max WS 477.41 166.04 168.88 168.94 169.70 0.018120 7.98 85.96 89.44 0.98 ARIVER-1 Reach-1 320 Max WS 500.07 166.00 167.92 168.03 0.08495 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 319.* Max WS 500.01 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 319.* Max WS 500.01 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 317.* Max WS 500.10 165.50 167.33 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.30 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.30 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.30 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.30 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.30 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 313.4 Max WS 499.50 163.50 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 313.4 Max WS 499.50 163.50 165.43 165.95 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003661 3.79 236.31 301.65 0.38 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003661 3.79 236.31 301.65 0.38 RIVER-1 Reach-1 310 Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.38 RIVER-1 Reach-1 300.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.43 RIVER-1 Reach-1 300.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.43 RIVER-1 Reach-1 300.* Max WS 506.41 159.76 162.84 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 300.* Max WS 506.41 159.76 162.84 163.84 0.009073 1.61 577.42 289.40 437.42 0.63 RIVER-1 Reach-1 306 Max WS 506.41 159.76 162.82 163.84	RIVER-1	Reach-1	325.5*	Max WS	141.30	168.75	170.91		170.93	0.000645	1.30	184.93	210.52	0.18
Reach 1 324 Max WS 472 05 168 00 170 13 170 122 0 0004380 3 48 244 0.09 233 0.08 0 0.47	RIVER-I	Reach-1	323.° 324.5*	Max WS	300.09 472 37	168 25	170.07		170.77	0.004123	3.33	200.12	224.04	0.55
RIVER-1 Reach-1 323 * Max WS 471.90 167.02 169.77 169.93 0.004736 4.24 225.93 264.65 0.51 RIVER-1 Reach-1 320 Max WS 472.41 166.04 168.88 168.94 169.70 0.018120 7.98 85.96 89.44 0.98 RIVER-1 Reach-1 320 Max WS 500.07 166.00 167.92 168.03 0.008495 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 319.* Max WS 500.21 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 318 Max WS 499.10 166.00 167.54 167.75 0.002727 2.01 354.18 549.56 0.35 RIVER-1 Reach-1 317.* Max WS 500.10 165.50 167.33 167.38 0.002727 2.01 354.18 549.56 0.35 RIVER-1 Reach-1 316 Max WS 499.11 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 315.* Max WS 499.55 164.50 166.30 166.00 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 315.* Max WS 499.50 163.50 165.33 165.93 0.003440 2.90 263.62 0.41 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.43 165.55 0.004773 3.36 259.38 334.46 0.48 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 338.61 0.38 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 338.61 0.38 RIVER-1 Reach-1 310 Max WS 503.05 162.00 164.18 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 309.* Max WS 505.64 160.51 163.25 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 305.* Max WS 505.64 165.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 305.* Max WS 505.64 159.00 162.49 162.62 0.006443 3.82 299.59 443.20 0.55 RIVER-1 Reach-1 305.* Max WS 506.41 159.76 162.84 163.06 0.0007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 305.* Max WS 506.41 159.76 162.84 163.64 163.64 0.000933 1.65 1575.82 2744.88 0.62 RIVER-1 Reach-1 305.* Max WS 506.45 159.00 162.49 162.62 0.006443 3.82 299.59 453.84 0.62 RIVER-1 Reach-1 306 Max WS 506.41 159.76 162.84 163.65 0.000933 1.65 1575.82 2744.88 0.62 RIVER-1 Reach-1 300 Max WS 446.85 159.00 163.05 163.05 163.05 163.05 163.05 163.05 163.05 163.05 163.05 163.0	RTVER-1	Reach-1	324.3	Max WS	472.05	168.00	170.13		170.22	0.004380	3.48	240.09	233.08	0.47
RIVER-1 Reach-1 322 Max WS 472.41 166.04 168.88 168.94 169.70 0.018120 7.98 85.96 89.44 0.98 RIVER-1 Reach-1 320 Max WS 500.07 166.00 167.92 168.03 0.008495 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 319.* Max WS 500.11 166.00 167.70 167.78 0.003717 2.62 298.94 403.69 0.41 RIVER-1 Reach-1 318 Max WS 499.70 166.00 167.54 167.78 0.002727 2.01 354.18 549.56 0.35 RIVER-1 Reach-1 316 Max WS 499.70 166.00 167.53 167.33 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 316 Max WS 499.41 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 316 Max WS 499.41 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.62 326.62 0.41 RIVER-1 Reach-1 313 Max WS 499.50 165.50 165.43 165.93 0.003440 2.90 263.62 326.62 326.62 0.41 RIVER-1 Reach-1 312 Max WS 499.50 165.50 165.51 165.55 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 311.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 503.05 162.50 164.62 164.18 164.27 0.003661 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 505.64 165.55 163.64 163.83 0.008161 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 308 Max WS 505.64 165.55 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 159.00 162.49 162.62 0.00643 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 308 Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 304 Max WS 506.41 159.00 162.49 162.62 0.00643 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 446.85 159.00 162.02 162.02 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 446.88 158.75 161.75 161.65 0.000654 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 300 Max WS 446.88 158.50 161.69 161.75 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER	RIVER-1	Reach-1	323.*	Max WS	471.90	167.02	169.77		169.93	0.004736	4.24	225.93	264.65	0.51
RIVER-1 Reach-1 320 Max WS 500.07 166.00 167.92 168.03 0.008495 4.49 226.79 273.92 0.64 RIVER-1 Reach-1 319.* Max WS 500.21 166.00 167.70 167.	RIVER-1	Reach-1	322	Max WS	472.41	166.04	168.88	168.94	169.70	0.018120	7.98	85.96	89.44	0.98
RIVER-1 Reach-1 318. Max WS 499.70 166.00 167.54 167.59 0.002727 2.01 334.18 549.56 0.35 RIVER-1 Reach-1 317.* Max WS 500.10 165.50 167.33 167.38 0.002594 1.93 349.82 604.10 0.33 RIVER-1 Reach-1 315.* Max WS 499.725 164.50 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 315.* Max WS 499.725 164.50 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.83 165.93 0.003440 2.90 263.62 326.62 0.41 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.43 165.55 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 310 Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 310 Max WS 503.05 162.00 164.18 164.27 0.003661 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 238.79 0.63 RIVER-1 Reach-1 308 Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.40 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 308 Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 305.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 305.* Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 303.* Max WS 496.45 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.20 162.02 162.12 0.004510 3.17 332.88 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 496.45 159.00 162.69 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 303.* Max WS 496.45 159.00 162.69 162.60 0.000973 1.61 575.82 299.59 644.32 0.55 RIVER-1 Reach-1 303.* Max WS 496.45 159.00 161.85 161.65 0.000654 1.88 575.42 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000665 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.65 0.000665 1.89 575.4	RIVER-1	Reach-1	320	Max WS	500.07	166.00	167.92		168.03	0.008495	4.49	220.79	2/3.92 403.60	0.04
RIVER-1 Reach-1 310 Max WS 499.41 165.00 166.90 167.00 0.005544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 315.* Max WS 499.41 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.62 0.41 RIVER-1 Reach-1 312 Max WS 499.50 163.50 165.43 165.55 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 311.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 503.05 162.00 164.18 164.27 0.003616 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 309.* Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 505.64 159.76 162.84 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 306 Max WS 507.14 159.76 162.84 163.64 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 496.45 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 486.85 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 486.85 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 304 Max WS 486.85 159.00 162.49 162.62 0.006544 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.55 161.57 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.55 161.57 0.000655 1.89 575.42 636.48 0.20	RIVER-I	Reacn-1	319.	Max WS	300.21 490.70	166.00	167.70		167.76	0.003717	2.02	354.18	549.56	0.35
RIVER-1 Reach-1 316 Max WS 499.41 165.00 166.90 167.00 0.006544 2.55 215.24 473.84 0.51 RIVER-1 Reach-1 315.* Max WS 497.25 164.50 166.30 166.40 0.004458 2.60 235.35 413.60 0.41 RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.62 0.41 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.43 165.95 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 312 Max WS 500.36 163.50 165.43 165.55 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 310 Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.0081.00 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.0081.00 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 468.85 159.00 161.82 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 303.* Max WS 444.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 444.98 158.50 161.69 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.44 0.20 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.55 161.57 0.000665 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.55 161.57 0.000665 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 300. Max WS 401.27 158.00 161.55 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RTVFR-1	Reach-1	317.*	Max WS	500.10	165.50	167.33		167.38	0.002594	1.93	349.82	604.10	0.33
RIVER-1 Reach-1 315.* Max WS 497.25 164.50 166.30 166.40 0.004458 2.60 235.35 413.60 0.44 RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.62 0.41 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.43 165.93 0.003440 2.90 263.62 326.62 0.48 RIVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 310 Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 310 Max WS 503.05 162.00 164.18 164.27 0.003661 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 307.* Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 305.* Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 302 Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 446.98 158.75 161.75 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.55 161.60 0.000515 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	316	Max WS	499.41	165.00	166.90		167.00	0.006544	2.55	215.24	473.84	0.51
RIVER-1 Reach-1 314 Max WS 499.44 164.00 165.83 165.93 0.003440 2.90 263.62 326.02 0.48 RIVER-1 Reach-1 313.* Max WS 499.50 163.50 165.43 165.55 0.004773 3.36 259.38 354.46 0.48 RIVER-1 Reach-1 312 Max WS 500.36 163.00 165.11 165.16 0.003069 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 311.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 310 Max WS 503.05 162.00 164.18 164.27 0.003661 3.79 236.31 301.66 9.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	DTV/ED_1	Reach-1	315.*	Max WS	497.25	164.50	166.30		166.40	0.004458	2.60	235.35	413.60	0.44
RIVER-1 Reach-1 311.* Max WS 500.36 163.00 165.11 165.16 0.003669 2.64 344.96 383.61 0.38 RIVER-1 Reach-1 311.* Max WS 501.55 162.50 164.62 164.74 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 309.* Max WS 503.05 162.00 164.18 164.27 0.003610 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308.* Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 301.* Max WS 446.98 158.75 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.69 161.61 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000665 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	314	Max WS	499.44	164.00	165.83		165.93	0.003440	2.90	263.62	320.02	0.41
RIVER-1 Reach-1 311.* Max WS 501.55 162.00 164.18 164.27 0.006316 3.79 236.31 301.65 0.55 RIVER-1 Reach-1 300 Max WS 503.05 162.00 164.18 164.27 0.003661 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 8.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 446.98 158.75 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	313.°	Max WS	499.30 500.36	163.30	165.43		165 16	0.003069	2.64	344.96	383.61	0.38
RIVER-1 Reach-1 310 Max WS 503.05 162.00 164.18 164.27 0.003661 3.14 273.44 266.93 0.43 RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.63 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 446.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.48 0.20	RTVER-1	Reach-1	311.*	Max WS	501.55	162.50	164.62		164.74	0.006316	3.79	236.31	301.65	0.55
RIVER-1 Reach-1 309.* Max WS 504.03 161.26 163.64 163.83 0.008100 4.30 210.14 338.79 0.58 RIVER-1 Reach-1 308 Max WS 505.64 160.51 163.25 163.34 0.002817 2.82 289.40 437.42 0.38 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 446.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-L	Reach-1	310	Max WS	503.05	162.00	164.18		164.27	0.003661	3.14	273.44	266.93	0.43
RIVER-1 Reach-1 307 * Max WS 505.64 160.51 163.25 163.34 0.00281/ 2.82 299.40 437.42 0.36 RIVER-1 Reach-1 307.* Max WS 506.41 159.76 162.84 163.06 0.007927 4.36 213.97 455.88 0.62 RIVER-1 Reach-1 306 Max WS 507.14 159.00 162.49 162.62 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.00654 1.82 598.57 697.42 0.22 RIVER-1 Reach-1 300 Max WS 408.37 158.25 161.63 161.65 0.000655 1.89 575.42 636.48 0.20 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	309.*	Max WS	504.03	161.26	163.64		163.83	0.008100	4.30	210.14	338.79	0.63
RIVER-1 Reach-1 306 Max WS 500.41 159.00 162.64 162.65 0.006443 3.82 299.59 644.32 0.55 RIVER-1 Reach-1 305.* Max WS 496.45 159.00 162.02 162.12 0.004510 3.17 332.58 670.63 0.47 RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	308	Max WS	505.64	160.51	163.25		163.34 163.06	0.00281/	2.82 4.36	289.40 213 97	43/.42 455 88	0.38 0.62
RIVER-1 Reach-1 305.* Max WS 496.45 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	KTAFK-T	Keac⊓-⊥	30/.^ 306	Max WS	500.41 507 14	159.76	162.64		162.62	0.007327	3.82	299.59	644.32	0.55
RIVER-1 Reach-1 304 Max WS 468.85 159.00 161.82 161.84 0.000973 1.61 575.82 724.28 0.22 RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RTVER-1	Reach-1	305.*	Max WS	496.45	159.00	162.02		162.12	0.004510	3.17	332.58	670.63	0.47
RIVER-1 Reach-1 303.* Max WS 446.98 158.75 161.75 161.77 0.000849 1.78 574.62 728.24 0.22 RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000793 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	RIVER-1	Reach-1	304	Max WS	468.85	159.00	161.82		161.84	0.000973	1.61	575.82	724.28	0.22
RIVER-1 Reach-1 302 Max WS 424.98 158.50 161.69 161.71 0.000/93 2.00 592.74 739.81 0.22 RIVER-1 Reach-1 301.* Max WS 408.37 158.25 161.63 161.65 0.000654 1.82 598.57 697.42 0.20 161.60 RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.59 161.60 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20	KTAFK-T	Reach-1	303.*	Max WS	446.98	158.75	161.75		161.77	0.000849	1.78	574.62	728.24	0.22
RIVER-1 Reach-1 300 Max WS 401.27 158.00 161.55 161.65 0.000515 1.60 634.90 680.30 0.17 RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20		Reach-1	302	max ws	424.98	158.50	161.69		161./1	0.000/93	2.00 1.82	592.74 508 57	/39.81 697 42	0.22 0.20
RIVER-1 Reach-1 299.* Max WS 398.02 158.31 161.55 161.57 0.000665 1.89 575.42 636.48 0.20		Reach-1	30T.*	Max WS	408.37 401 27	158.25 158.00	161.63		161.60	0.000515	1.60	634.90	680.30	0.17
		Reach-1	299.*		398.02	158.31	161.55		161.57	0.000665	1.89	575.42	636.48	0.20

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RIVER-1 PROBLEM 299.** NEW NS 399.69 158.51 16.14.57 0.000819 1.09 581.20 558.99 0.70 RIVER-1 REGION 1.000819 1.09 581.20 558.99 0.70 RIVER-1 REGION 1.000819 1.000 581.20 588.99 0.70 RIVER-1 REGION 1.000819 1.000 581.20 581.20 588.99 0.70 RIVER-1 REGION 1.000819 1.000 581.20 581.20 588.99 0.70 RIVER-1 REGION 1.000819 1.000 581.20														
Style=1	_						KiteC	reek.rep						
# RIVER-1 Reach-1 295.* Max NS 400.30 181.46 181.46 100.00077 1.00.0 100.30 366.30 0.17 # RIVER-1 Reach-1 295.* Max NS 400.30 186.01 186.01 181.46 181.46 1.00.00077 1.00.0 187.75	RIVER-1	Reach-1	298		397.63	158.62	161.50		161.52	0.000683	1.93	561.28	556.94	0.20
RYVER-1 Reach-1 259.* Max No. 400.30 155.01 161.45 161.47 0.0000150 0.79 1875.95 388.47 0.016 1875.95 1875.95 1875.95	RIVER-1	Reach-1	297.*	Max WS	398.29	158.31	161.47		161.47	0.000195	1.05	828.20	588.93	0.11
RIVER-1 Reach-1 294	RIVER-1	Reach-1	296	Max WS	400.47	158.00	161.46		161.46	0.0000//	0.67	1093.38	566.93	0.07
RYVER-1 Reach-1 293 * MAX NG 495.24 157.31 186.1-0	RIVER-I	Reach-1	295."	Max WS	400.30	158.01	161.45		161.45	0.000105		857.75	418.47	0.08
RIVER-1 Reach-1 252	RIVER-1	Reach-1	294	Max WS	495.68	158.01	161.43		161.44	0.0001/9	1.03	/45.59	340.24	0.11
RIVER-1 Reach-1 291.5 MAX WS 494.92 137.00 161.26 159.35 161.37 0.001664 1.50 245.60 1190.04 0.122 RIVER-1 Reach-1 291.27 MAX WS 494.91 137.00 150.97 159.35 161.37 0.001664 1.50 245.60 1190.04 0.122 RIVER-1 Reach-1 291.32 MAX WS 494.91 137.00 150.97 159.35 161.37 0.001664 1.50 0.002304 3.50 135.50 0.002304 RIVER-1 Reach-1 291.32 MAX WS 493.61 156.50 159.15 159.55 10.002304 1.002	KIVER-I	Reach 1	293."	Max WS	495.44	157.51	161.40		161.41	0.000242	1.28	608.11	254.83	0.12
RIVER-1 Reach-1 250.62 Max WS 484.31 157.00 150.97 159.35 161.19 0.00230+ 3.85 137.18 138.38 0.38 RIVER-1 Reach-1 250.02 Max WS 484.31 157.00 159.59 159.35 161.19 0.00230+ 3.85 137.18 138.38 0.38 RIVER-1 Reach-1 288.66* Max WS 481.65 156.00 159.59 159.15 159.55 0.008822 5.45 127.94 139.52 0.68 RIVER-1 Reach-1 288.66* Max WS 481.65 156.00 159.59 159.50 0.008322 5.45 127.94 139.52 0.68 RIVER-1 Reach-1 286 Max WS 481.67 156.00 159.00 159.59 159.50 0.008322 5.45 127.94 139.52 0.68 RIVER-1 Reach-1 286 Max WS 481.67 156.00 159.00 159.59 159.50 0.008322 5.45 127.94 139.52 0.68 RIVER-1 Reach-1 286 Max WS 481.67 156.00 159.50 159.50 159.50 0.008322 1.64 562.35 3866.50 0.68 RIVER-1 Reach-1 288 Max WS 481.67 156.00 158.92 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 157.00 Max WS 481.67 156.00 15	KIVER-I	Reach 1	292	Max WS	493.20	157.00	101.30		101.30	0.000359	7.07	303.98	220.03	0.13
RYURE-1 Reach-1 290.81 MAX MX 40 40.67 157.00 139.59 160.77 157.00 10.00350 1.27.15 35.54 0.85 MAX MX 40 40.67 157.00 139.59 160.77 157.00 10.003512 1.25 707.82 483.32 1.25 707.82 483.	KIVER-1	Reach-1	791.3	Max WS	494.92 404.01	157.00	160.07	150 25	161.37	0.001044		245.00 127.16	150.04	0.32
RIVER-1 Reach-1 289.32 Max W5 476.67 157.00 159.59 160.27 0.012813 6.62 71.99 35.54 0.82 RIVER-1 Reach-1 288.66° Max W5 491.64 155.50 159.15 1	DTVED_1	Peach-1	290.02	Max WS	Bridge		100.97	139.33	101.19	0.002304	3.03	137.10		0.38
RYURE-1 Reach-1 288.66 Max ws 493.61 156.50 159.15 159.55 0.008822 5.45 127.94 159.52 0.68 RYURE-1 Reach-1 288. Max ws 491.67 156.00 159.01 159.00 0.00032 5.45 127.94 159.52 0.68 RYURE-1 Reach-1 286. Max ws 491.67 156.00 159.01 159.00 0.00032 1.125 0.70 82 43.32 0.14 RYURE-1 Reach-1 286. Max ws 491.67 156.00 159.01 159.00 0.00032 1.125 0.00032 1.25 0.000	RTVER-1	Reach-1	289 32	Max WS	476 67	157 00	159 59		160 27	0.012813	6 62	71 95	35 54	0.82
RYURE-1 Reach-1 288	RTVER-1	Reach-1	288 66*	Max WS	493 61	156.50	159 15		159.55	0.012013	5 45	127 94	159 52	0.62
RYURE-1 Reach-1 287	RTVFR-1	Reach-1	288	Max WS	491.96	156.00	159.01		159.02	0.000332	1 25	707 82	433 32	0.00
RIVER-1 Reach-1 286 Max WS 491.67 136.00 118.92 158.94 0.000552 1.64 52.35 366.90 0.18 RIVER-1 Reach-1 281 Max WS 491.67 158.95 158.96 159.90 0.70 RIVER-1 Reach-1 283 Max WS 492.44 114.75 158.16 0.000999 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 280 Max WS 492.44 154.75 158.12 158.16 0.000999 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 280 Max WS 492.44 154.75 158.12 158.16 0.000999 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 280 Max WS 494.31 154.00 1157.31 158.16 0.000999 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 280 Max WS 494.31 154.00 1157.31 158.16 0.000999 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 280 Max WS 494.31 154.00 1157.31 157.32 0.0003249 4.78 180.42	RIVER-1	Reach-1	287.*	Max WS	491.84	156.00	158.97		158.98	0.000352	1.48	620.23	397.54	0.16
RIVER-1 Reach-1 285." Max WS 491.85 155.50 158.80 158.90 10.002356 3.29 264.93 250.97 0.37 RIVER-1 Reach-1 282." Max WS 492.98 154.50 157.93 158.60 0.000258 4.20 1274.65 0.50 RIVER-1 Reach-1 282." Max WS 492.98 154.50 157.93 158.60 0.000258 4.07 283.88 150.42 0.41 RIVER-1 Reach-1 282." Max WS 492.98 154.50 157.93 158.60 0.000259 4.00 2774.65 150.90 0.42 0.42 0.42 0.42 0.42 0.42 0.42 0.4	RIVER-1	Reach-1	286	Max WS	491.67	156.00	158.92		158.94	0.000552	1.64	562.35	366.90	0.18
RIVER-1 Reach-1 284 Max WS 492,03 155.00 158.46 155.71 0.004518 4.19 112.42 181.78 0.50 FIVER-1 Reach-1 282 Max WS 492.03 155.00 158.46 155.71 0.004518 4.19 112.42 181.78 0.50 FIVER-1 Reach-1 282 Max WS 493.71 154.75 157.93 158.67 0.004618 4.24 211.16 159.92 0.43 FIVER-1 Reach-1 281.** Max WS 493.71 154.75 157.93 158.67 0.004619 4.60 2136.89 156.75 0.0041 FIVER-1 Reach-1 281.** Max WS 493.71 154.75 157.63 157.61 0.003105 4.24 211.16 159.92 0.43 FIVER-1 Reach-1 278 Max WS 493.71 154.75 157.63 157.63 157.61 0.003105 4.24 211.16 159.92 0.43 FIVER-1 Reach-1 278 Max WS 493.71 154.75 157.63 157.63 157.63 157.63 157.63 157.64 159.00 157.71 154.75 157.65	RIVER-1	Reach-1	285.*	Max WS	491.85	155.50	158.80		158.91	0.002356	3.29	264.93	250.97	0.37
RIVER-1 Reach-1 233.* MAX WS 492.44 114.75 158.12 158.86 0.004099 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 230 ** MAX WS 494.11 154.00 157.36 157.87 0.002895 4.40 175.65 162.75 0.49 RIVER-1 Reach-1 279 ** MAX WS 494.11 154.00 157.31 157.52 0.003245 4.28 189.62 134.11 0.44 0.42 0.44 RIVER-1 Reach-1 279 ** MAX WS 494.11 154.00 157.31 157.52 0.003245 4.28 189.62 134.11 0.44 0.42 0.44 RIVER-1 Reach-1 277 ** MAX WS 691.82 135.25 136.66 177.31 157.52 0.003247 4.28 189.62 134.11 0.44 0.42 0.44 RIVER-1 Reach-1 277 ** MAX WS 691.82 135.25 136.66 177.31 157.32 0.00347 4.38 163.22 139.20 0.44 RIVER-1 Reach-1 277 ** MAX WS 691.82 135.25 136.66 177.31 157.32 0.00347 4.38 163.22 139.20 0.45 RIVER-1 Reach-1 277 ** MAX WS 691.82 135.25 136.66 177.31 157.32 0.00347 4.38 163.22 139.20 0.45 RIVER-1 Reach-1 277 ** MAX WS 691.62 135.24 135.35 136.66 177.31 156.41 0.008096 5.62 166.02 136.89 0.68 RIVER-1 Reach-1 277 ** MAX WS 691.62 135.40 155.41 155.31 0.008096 5.62 166.02 136.89 0.68 RIVER-1 Reach-1 277 ** MAX WS 691.62 135.40 155.41 155.41 155.40 0.008096 5.28 121.27 242.28 0.65 RIVER-1 Reach-1 277 ** MAX WS 691.62 135.40 155.40 155.41 155.40 15	RIVER-1	Reach-1	284	Max WS	492.03	155.00	158.46		158.71	0.004518	4.19	152.42	181.78	0.50
RIVER-1 Reach-1 282 Max ws 492,98 154,50 157,93 158,07 0.002834 4.07 238.88 130.42 0.41 RIVER-1 Reach-1 280 Max ws 492,98 154,50 157,21 157,22 0.003403 4.38 163,02 153,95 0.44 RIVER-1 Reach-1 270 Max ws 491,98 153,25 156,96 157,21 0.003403 4.38 163,22 141,11 0.45 RIVER-1 Reach-1 270 Max ws 491,98 153,25 156,96 157,21 0.003403 4.38 163,22 141,11 0.45 RIVER-1 Reach-1 276 Max ws 660,62 152,04 155,04 156,86 157,21 0.003403 4.38 163,22 141,11 0.45 RIVER-1 Reach-1 276 Max ws 660,62 152,04 155,04 156,87 0.002746 5.9 151,72 122,22 0.05 RIVER-1 Reach-1 276 Max ws 660,62 152,10 153,10 155,10 155,78 0.007249 5.9 151,77 122,22 0.05 RIVER-1 Reach-1 276 Max ws 650,62 152,10 153,10 155,10 155,78 0.007249 5.9 151,77 122,22 0.05 RIVER-1 Reach-1 276 Max ws 651,07 151,00 155,06 155,18 0.003476 3.16 293,49 307,15 0.39 RIVER-1 Reach-1 274 Max ws 651,08 151,10 154,48 154,90 0.002199 2.10 344,70 346,11 0.00 RIVER-1 Reach-1 274 Max ws 651,08 151,10 154,48 154,90 0.0002199 2.10 344,70 346,11 0.00 RIVER-1 Reach-1 271 Max ws 652,20 151,00 155,48 154,91 0.000770 1.40 456,43 392,88 0.01 RIVER-1 Reach-1 271 Max ws 652,20 151,00 150,45 154,54	RIVER-1	Reach-1	283.*	Max WS	492.44	154.75	158.12		158.36	0.004099	4.40	175.65	162.75	0.49
RIVER-1 Reach-1 281." Max WS 493.11 154.50 157.61 137.83 0.003105 4.24 211.16 159.90 0.43 RIVER-1 Reach-1 279." Max WS 491.98 155.25 156.66 156.36 157.21 0.003433 4.38 165.22 124.11 0.45 RIVER-1 Reach-1 276." Max WS 452.28 152.50 156.68 156.87 0.002474 3.76 174.63 151.92 0.40 RIVER-1 Reach-1 277." Max WS 651.07 151.90 151.40 151.40 150.41 150.	RIVER-1	Reach-1	282	Max WS	492.98	154.50	157.93		158.07	0.002834	4.07	238.88	180.42	0.41
RIVER-1 Reach-1 250	RIVER-1	Reach-1	281.*	Max WS	493.71	154.25	157.63		157.81	0.003105	4.24	211.16	159.92	0.43
REVER-1 Reach-1 277 * Max WS 493-98 135-00 136-88 136-67 0.009373 4-3-6 135-65 124-13-02 0-40 REVER-1 Reach-1 277 * Max WS 650.12 152-46 155-91 155-91 155-91 0.009376 6-26 166-02 186-89 0.65 REVER-1 Reach-1 275 * Max WS 650.62 152-46 155-91 155-91 155-91 0.009376 6-26 166-02 186-89 0.65 REVER-1 Reach-1 275 * Max WS 650.62 152-46 155-91 155-91 155-91 0.009376 1-20 121-27 242.28 0.65 REVER-1 Reach-1 273 * Max WS 651.09 151-00 1	RIVER-1	Reach-1	280	Max WS	494.31	154.00	157.31		157.52	0.003249	4.28	189.62	139.20	0.44
REVER-1 Reach-1 277 * MAX WG 650.62 152.43 155.84 155.86 1.00.0729 5.91 154.64 1.66.82 154.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.66 1.00 155.60 1.00 155	RIVER-1	Reach-1	279.*	Max WS	491.98	153.25	156.96		157.21	0.003433	4.38	163.22	774.77	0.45
REVER-1 Reach-1 276	RIVER-1	Reach-1	2/8	Max WS	452.28	152.50	156.68		156.87	0.002/4/	3.76	1/4.63	151.92	0.40
REVER-1 Reach-1 273 * Max WS 651.07 151.00 155.06 155.18 0.004476 3.716 293.49 507.15 0.39 RIVER-1 Reach-1 274 Max WS 651.80 151.40 154.84 154.90 0.002197 2.10 394.70 396.21 0.27 RIVER-1 Reach-1 273 * Max WS 651.94 151.30 154.69 154.74 0.000707 1.46 501.63 392.88 0.17 RIVER-1 Reach-1 277 Max WS 652.20 151.20 154.61 154.64 0.000707 1.46 501.63 392.88 0.17 RIVER-1 Reach-1 277 Max WS 652.20 151.20 151.20 154.65 154.65 0.000707 1.46 501.63 392.88 0.17 RIVER-1 Reach-1 277 Max WS 652.20 150.10 150.00 154.61 154.60 0.000707 1.46 501.63 392.88 0.17 RIVER-1 Reach-1 270 Max WS 651.00 150.00 154.61 154.60 0.000707 1.46 0.	KIVEK-1	Reach-1	2//."	Max WS	650.12	152.45	155.91		150.41	0.008096	6.26 F 01	100.UZ	186.89	0.68
RIVER-1 Reach-1 274 Max WS 651.68 111.40 154.88 154.90 (0.00197 2.10 304.76 396.21 0.27 RIVER-1 Reach-1 273 Max WS 651.94 151.30 154.69 154.74 (0.001609 1.93 423.64 367.98 0.24 RIVER-1 Reach-1 272 Max WS 651.94 151.30 154.64 154.64 (0.000770 1.46 561.63 302.88 0.17 RIVER-1 Reach-1 277 Max WS 652.01 151.05 154.64 154.64 (0.000770 1.46 561.63 302.88 0.17 RIVER-1 Reach-1 270 Max WS 651.05 150.12 154.64 154.64 (0.000770 1.46 498.03) 423.64 493.35 0.12 RIVER-1 Reach-1 269 Max WS 651.17 149.75 153.64 154.53 154.57 (0.001147 1.66 561.63 302.88 0.17 RIVER-1 Reach-1 269 Max WS 651.17 149.75 153.64 153.39 (0.002297 2.44 337.78 412.86 0.29 RIVER-1 Reach-1 266.58 Max WS 651.10 149.43 153.41 153.37 (0.003707 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.50 Max WS 651.10 149.43 153.41 153.77 (0.005709 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.50 Max WS 651.05 149.10 149.15 153.14 151.85 153.77 (0.005709 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.50 Max WS 651.09 149.10 159.11 151.15 151.85 151.77 (0.005709 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.50 Max WS 651.09 148.24 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.05 Max WS 651.09 148.24 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.05 Max WS 651.09 148.24 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.05 Max WS 650.99 148.24 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 146.05 80.78 0.49 147.84 151.45 151.92 (0.0007297 4.93 147.84 151.85 151.92 (0.0007297 4.93 147.84 151.85 151.92 (0.0007297 4.93 147.84 151.85 151.92 (0.0007297 4.93 147.84 151.85 151.92 (0.0007297 4.93 147.84 151.85 151.92 (0.0007297 4.93 147.84 151.85 151.	RIVER-1	Reach-1	270 275 *	Max WS	650.02	152.40	155.41		155.76	0.007229	3.91	211.27	242.20	0.03
REVER-1 Reach-1 273 * Max WS 651.94 151.30 154.69 1514.74 0.001609 1.93 423.64 367.98 0.24 RIVER-1 Reach-1 271 * Max WS 652.51 150.85 154.54 154.65 154.64 0.000779 1.46 561.63 392.88 0.17 RIVER-1 Reach-1 270 * Max WS 652.51 150.85 154.52 154.64 0.000779 1.46 561.63 392.88 0.17 RIVER-1 Reach-1 270 * Max WS 651.07 154.61 154.54 154.57 0.001147 1.66 498.93 433.58 0.20 RIVER-1 Reach-1 270 * Max WS 651.07 149.75 153.84 154.57 0.001147 1.66 498.93 433.58 0.20 RIVER-1 Reach-1 266.56 * Max WS 651.17 149.75 153.84 153.39 0.000779 1.40 327.68 400.86 0.33 RIVER-1 Reach-1 266.56 * Max WS 651.07 149.13 153.41 151.85 153.77 0.001710 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.53 * Max WS 651.07 149.10 153.11 151.85 153.47 0.003679 4.93 144.81 55.78 0.48 RIVER-1 Reach-1 266.03* Max WS 650.09 148.55 151.95	RIVER-I	Poach-1	273."	Max WS	651.68	151.90	15/ 8/		157.10	0.003470	2 10	293.49	307.13	0.33
REVER-1 Reach-1 277.2 Max ws 652.20 151.20 154.61 154.64 0.000770 1.1.46 6.61.63 392.88 0.1.7 RIVER-1 Reach-1 270. Max ws 652.50 151.20 154.63 154.57 0.00147 1.66 498.93 433.88 0.2.0 RIVER-1 Reach-1 270. Max ws 651.80 150.12 154.63 154.40 1.003522 2.40 322.63 460.86 0.34 RIVER-1 Reach-1 260.7 Max ws 651.80 150.12 154.63 154.12 0.002571 2.44 357.28 412.86 0.34 RIVER-1 Reach-1 260.7 Max ws 651.80 150.12 154.63 154.12 0.002571 2.44 357.28 412.86 0.34 RIVER-1 Reach-1 260.7 Max ws 651.10 149.43 153.41 151.85 153.41 151.87 0.004710 3.49 31.44 0.5 360.78 0.48 RIVER-1 Reach-1 266.53 Max ws 651.10 149.43 153.41 151.85 153.47 0.003679 4.93 144.81 155.78 0.48 RIVER-1 Reach-1 266.52 Max ws 651.03 148.65 151.98 152.64 0.008679 4.93 144.81 155.78 0.48 RIVER-1 Reach-1 266.52 Max ws 651.03 148.65 151.98 152.64 0.008679 4.93 144.81 155.78 0.48 RIVER-1 Reach-1 266.52 Max ws 651.93 148.65 151.98 152.64 0.008679 4.93 144.81 155.78 0.71 RIVER-1 Reach-1 266.52 Max ws 650.93 148.65 151.98 152.64 0.008679 4.93 144.81 155.78 0.71 RIVER-1 Reach-1 266.52 Max ws 650.93 148.65 151.98 152.64 0.008679 4.93 144.81 155.78 0.72 RIVER-1 Reach-1 266.52 Max ws 650.93 148.65 151.98 152.64 0.00869 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 266.03 Max ws 650.93 148.65 151.98 152.64 0.00869 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 262.8 Max ws 650.93 148.04 152.8 Max ws 650.93 148.05 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max ws 650.93 148.07 152.8 Max w	DTVED_1	Paach-1	273 *	May WS	651 94	151.40	154.69		154.50	0.002197	1 93	423 64	367 98	0.27
RIVER-1 Reach-1 271.* Max WS 651.81 150.85 154.54 154.57 0.001147 1.66 488.93 433.58 0.20 154.81 154.87 0.001147 1.66 488.93 433.58 0.20 154.81 154.81 154.87 0.003522 2.40 322.63 460.86 0.34 RIVER-1 Reach-1 269.* Max WS 651.65 150.12 154.05 154.12 0.002297 2.44 337.28 412.86 0.29 154.81 1	DTVED_1	Peach-1	272	May WS	652 20	151.30	154 61		154 64	0.001003	1 46	561 63	392.88	0.17
REVIER-1 Reach-1 270 Max WS 651.80 150.50 154.32 154.40 0.003572 2.40 322.63 460.86 0.34 RIVER-1 Reach-1 269.8 Max WS 651.65 150.12 154.05 154.12 0.002297 2.44 337.28 412.86 0.29 RIVER-1 Reach-1 268.6 Max WS 651.17 149.75 153.84 153.93 0.002071 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.52 Max WS 651.17 149.75 153.84 153.97 0.002071 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.52 Max WS 651.00 149.10 153.11 151.85 153.77 0.004710 4.93 146.01 85.78 0.48 RIVER-1 Reach-1 266.52 Max WS 651.00 149.10 153.11 151.85 153.77 0.003679 4.93 141.81 55.78 0.48 RIVER-1 Reach-1 266.52 Max WS 651.00 148.54 153.93 0.002071 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.52 Max WS 651.00 148.55 153.90 0.002071 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.52 Max WS 650.99 148.24 153.05 153.47 0.003679 4.93 141.81 55.78 0.48 RIVER-1 Reach-1 266.03 Max WS 650.99 148.24 153.05 153.47 0.003679 4.93 141.81 55.78 0.48 RIVER-1 Reach-1 266.03 Max WS 650.99 148.24 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 266.03 Max WS 650.99 148.24 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 266.00 Max WS 650.99 148.24 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 260 Max WS 650.99 148.24 153.45 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 260 Max WS 651.84 147.44 153.05 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 260 Max WS 651.84 147.44 153.05 153.45 153.45 153.47 0.003679 4.93 141.81 55.78 0.68 RIVER-1 Reach-1 260 Max WS 651.84 147.74 153.00 148.69 149.00 0.003674 4.78 149.47 0.003679 4.93 149.00 0.003674 4.78 149.11 179.83 0.75 150.83 150.23 0.003674 4.78 149.31 179.83 0.75 150.83 150.33 0.003674 4.78 149.31 179.83 0.75 150.83 150.33 0.003674 4.78 149.31 179.83 0.75 150.83 150.33 0.003674 4.78 149.31 179.83 0.75 150.83 150.33 0.003674 4.78 149.31 179.83 0.75 150.83 150.33 0.003674 149.31 179.83 0.75 150.83 150.33 0.003674 149.30 0.003674 149.31 179.83 0.75 150.83 150.33 0.003674 149.30 0.003674 149.31 179.83 0.75 150.83 150.33 0.003674 149.31 179.83 150.33 0.003674 14	RTVER-1	Reach-1	271 *	Max WS	652.51	150.85	154.54		154.57	0.001147	1.66	498.93	433.58	0.20
RIVER-1 Reach-1 269.* Max WS 651.65 150.12 154.05 154.12 0.002297 2.44 357.28 412.86 0.29 RIVER-1 Reach-1 266.8 Max WS 651.17 149.75 153.84 153.93 0.002071 3.00 369.89 38.31.0 2.29 RIVER-1 Reach-1 266.53 Max WS 651.10 149.43 153.41 153.77 0.004710 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.53 Max WS 651.07 149.10 153.11 151.85 153.47 0.004710 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.53 Max WS 651.07 149.10 153.11 151.85 153.47 0.004710 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.05 Max WS 651.08 148.65 151.98 152.64 0.008769 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 264.033* Max WS 650.89 148.45 151.95 152.00 0.008769 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 262.016* Max WS 650.89 147.84 151.05 151.92 0.008893 3.77 219.87 186.78 0.48 RIVER-1 Reach-1 262.016* Max WS 650.74 147.74 147.84 151.05 151.92 0.008893 3.77 219.87 186.78 0.48 RIVER-1 Reach-1 262.* Max WS 650.74 147.74 150.86 151.92 0.008893 3.77 219.87 186.78 0.48 RIVER-1 Reach-1 262.* Max WS 651.38 146.00 148.69 150.91 0.001227 1.66 490.89 355.18 0.21 RIVER-1 Reach-1 259.* Max WS 651.38 146.00 148.69 149.09 0.001207 0.001247 1.78 178 178 178 178 178 178 178 178 178 1	RTVFR-1	Reach-1	270	Max WS	651.80	150.50	154.32		154.40	0.003522	2.40	322.63	460.86	0.34
RIVER-1 Reach-1 266 Max WS 651.17 149.75 153.84 153.93 0.00271 3.00 369.89 381.31 0.29 RIVER-1 Reach-1 266.53 Max WS 651.00 149.43 153.17 151.85 153.47 0.003679 4.93 141.81 55.78 0.48 RIVER-1 Reach-1 266.52 Face of the state o	RIVER-1	Reach-1	269.*	Max WS	651.65	150.12	154.05		154.12	0.002297	2.44	357.28	412.86	0.29
RIVER-1 Reach-1 266.52 Max WS 651.07 149.43 153.41 151.85 153.47 0.003670 4.93 146.05 80.78 0.48 RIVER-1 Reach-1 266.53 Max WS 651.07 149.10 153.11 151.85 153.47 0.003670 4.93 141.81 55.78 0.48 RIVER-1 Reach-1 265.05 Max WS 651.03 148.65 151.98 151.66 0.008769 4.93 141.81 155.78 0.48 RIVER-1 Reach-1 265.05 Max WS 651.03 148.65 151.98 151.66 0.008769 6.51 103.17 52.79 0.71 RIVER-1 Reach-1 260.03** Max WS 650.03 148.65 151.98 151.92 0.008769 6.51 103.17 52.79 0.71 RIVER-1 Reach-1 260.03** Max WS 650.03 148.65 151.92 0.008769 6.51 103.17 52.79 0.71 RIVER-1 Reach-1 260.008769 149.03 149.03 151.85 151.92 0.008769 6.51 103.17 52.79 0.71 RIVER-1 Reach-1 260.008 Max WS 650.03 146.04 151.05 88 150.03 1.0001227 1.66 490.89 3551.18 0.21 RIVER-1 Reach-1 260.008 Max WS 651.33 146.71 150.03 150.00 1001227 1.66 490.89 3551.18 0.21 RIVER-1 Reach-1 260.008 Max WS 652.98 146.00 149.37 1.94.47 0.003491 2.98 274.99 3551.18 0.21 RIVER-1 Reach-1 259.* Max WS 652.06 146.00 148.69 149.09 0.014209 5.54 149.31 179.83 0.70 RIVER-1 Reach-1 258 Max WS 652.16 146.00 148.69 149.09 0.014209 5.54 149.31 179.83 0.70 RIVER-1 Reach-1 257.* Max WS 652.16 146.00 148.69 149.09 0.004405 3.10 298.93 294.88 0.39 RIVER-1 Reach-1 255.* Max WS 652.16 146.00 148.69 149.09 0.004405 3.10 298.93 294.88 0.39 RIVER-1 Reach-1 255.* Max WS 672.51 145.50 146.80 148.00 144.60 14	RIVER-1	Reach-1	268	Max WS	651.17	149.75	153.84		153.93	0.002071	3.00	369.89	381.31	0.29
RIVER-1 Reach-1 266. 52 Bridge RIVER-1 Reach-1 265. 05 Bridge RIVER-1 Reach-1 266. 052 Bridge RIVER-1 Reach-1 266. 052 Bridge RIVER-1 Reach-1 266. 033* Max WS 651. 03 148.65 151. 98 152. 64 0.008769 6.51 102.17 79. 0.71 RIVER-1 Reach-1 264. 033* Max WS 650. 99 147. 844 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 263. 016* Max WS 650. 89 147. 844 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 263. 016* Max WS 650. 89 147. 844 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 263. 016* Max WS 650. 89 147. 844 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 263. 016* Max WS 650. 89 147. 844 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 260 Max WS 650. 89 147. 84 151. 45 151. 92 0.010248 5.73 133. 79 115. 83 0.69 RIVER-1 Reach-1 250 Max WS 650. 89 147. 84 151. 45	RIVER-1	Reach-1	267.265*	Max WS	651.10	149.43	153.41		153.77	0.004710	4.93	146.05	80.78	0.48
RIVER-1 Reach-1 265.05 Max WS 651.03 148.65 151.98 152.64 0.008769 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 265.05 Max WS 650.99 148.24 151.45 151.92 0.008769 6.51 102.17 52.79 115.88 0.69 RIVER-1 Reach-1 263.016* Max WS 650.99 148.24 151.45 151.92 0.008769 5.77 133.79 115.88 0.69 RIVER-1 Reach-1 261.* Max WS 650.94 147.84 151.08 150.93 0.008769 1.66 200.00 1.66 200	RIVER-1	Reach-1	266.53	Max WS	651.07	149.10	153.11	151.85	153.47	0.003679	4.93	141.81	55.78	0.48
RIVER-1 Reach-1 264.033° Max WS 651.03 148.65 151.98 152.64 0.008769 6.51 102.17 52.79 0.71 RIVER-1 Reach-1 264.033° Max WS 650.99 148.24 151.05 151.92 0.010248 5.73 133.79 115.83 0.69 RIVER-1 Reach-1 263.016° Max WS 650.89 147.84 151.05 151.22 0.005893 3.77 219.87 186.78 0.45 RIVER-1 Reach-1 262.0 Max WS 650.83 147.84 151.05 151.22 0.005893 3.77 219.87 186.78 0.45 RIVER-1 Reach-1 262.0 Max WS 650.83 147.84 151.05 151.22 0.005893 3.77 219.87 186.78 0.45 RIVER-1 Reach-1 260.0 Max WS 650.73 147.41 151.08 151.22 0.005893 3.77 219.87 186.78 0.45 RIVER-1 Reach-1 250.0 Max WS 651.93 146.00 149.37 10.001249 1.08 176.92 177.88 183.8 0.25 RIVER-1 Reach-1 259.* Max WS 651.93 146.00 149.37 10.001249 1.08 177.9 188.38 0.75 RIVER-1 Reach-1 255.* Max WS 652.06 146.00 148.87 149.09 0.00400 3.10 2.08 177.99 128.38 0.75 RIVER-1 Reach-1 255.* Max WS 652.16 146.00 148.37 148.40 0.004405 3.10 298.93 294.88 0.39 RIVER-1 Reach-1 255.* Max WS 652.51 145.50 147.68 147.76 0.004492 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255.* Max WS 657.14 145.00 147.68 147.76 0.004492 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255.* Max WS 719.46 144.00 146.66 146.89 0.009628 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 146.66 146.69 0.009628 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 145.59 144.76 0.00452 3.49 321.84 344.00 0.40 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 145.59 144.50 145.43 0.0005285 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 145.59 144.50 145.43 0.0005285 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 720.15 142.00 145.39 144.70 145.43 0.0005285 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 720.15 142.00 145.39 144.70 0.0005285 5.02 216.95 206.98 0.79 RIVER-1 Reach-1 253.* Max WS 720.15 143.00 145.39 144.24 0.000561 2.40 440.23 440.71 0.30 RIVER-1 Reach-1 249.* Max WS 720.15 143.90 144.75 143.98 144.24 0.000561 2.40 440.23 440.71 0.30 RIVER-1 Reach-1 249.* Max WS 721.68 140.75 143.95 144.90 144.24 0.000561 2.40 440.23 440.71 0.30 RIVER-1 Reach-1 249.* M	RIVER-1	Reach-1	266.52		Bridge									
RIVER-1 Reach-1 263.016* MAX WS 650.99 148.24 151.45 151.92 0.010248 5.73 133.79 113.83 0.69 RIVER-1 Reach-1 263.016* MAX WS 650.87 147.84 151.05 151.02 0.005893 3.77 219.87 186.78 0.49 RIVER-1 Reach-1 261.* MAX WS 650.74 147.43 150.88 150.91 0.001227 1.66 490.89 355.18 0.21 RIVER-1 Reach-1 261.* MAX WS 651.33 146.71 150.03 150.33 0.01337 4.78 176.72 218.43 0.52 RIVER-1 Reach-1 269.* MAX WS 651.83 146.70 149.60 149.50 0.001227 1.70	RIVER-1	Reach-1	265.05	Max WS	651.03	148.65	151.98		152.64	0.008769	6.51	102.17	52.79	0.71
RIVER-1 Reach-1 263 0.016* Max WS 650 .89 147.84 151.05 151.22 0.005893 3.77 19.87 186.78 0.48 RIVER-1 Reach-1 261.* Max WS 650.74 147.43 150.88 150.91 0.001227 1.66 490.89 355.18 0.21 RIVER-1 Reach-1 261.* Max WS 651.98 146.00 149.37 149.47 0.003491 2.98 274.99 188.38 0.35 RIVER-1 Reach-1 259.* Max WS 652.06 146.00 148.69 149.09 0.014209 5.54 149.31 179.83 0.73 RIVER-1 Reach-1 258.* Max WS 652.16 146.00 148.69 149.09 0.014209 5.54 149.31 179.83 0.73 RIVER-1 Reach-1 257.* Max WS 652.16 146.00 148.69 149.09 0.014209 5.54 149.31 179.83 0.73 RIVER-1 Reach-1 257.* Max WS 652.16 146.00 148.69 149.09 0.014209 3.40 31.0 298.93 294.88 0.39 RIVER-1 Reach-1 255.* Max WS 652.16 146.00 148.69 148.11 0.004415 3.10 298.93 294.88 0.39 RIVER-1 Reach-1 255.* Max WS 652.15 145.50 148.02 148.11 0.004416 3.28 307.38 312.37 0.39 RIVER-1 Reach-1 255.* Max WS 719.46 143.00 147.68 147.76 0.004416 3.28 307.38 312.37 0.39 RIVER-1 Reach-1 255.* Max WS 719.46 143.00 146.66 147.41 0.006430 3.49 307.38 348.30 0.50 RIVER-1 Reach-1 255.* Max WS 719.46 143.00 146.69 0.005482 5.00 2.26 55 266.98 0.59 RIVER-1 Reach-1 255.* Max WS 719.46 143.00 146.69 0.005482 5.00 2.26 55 266.98 0.59 RIVER-1 Reach-1 255.* Max WS 720.60 144.53 145.33 146.89 0.005482 5.00 2.26 55 266.98 0.59 RIVER-1 Reach-1 255.* Max WS 720.80 144.53 144.33 144.43 0.005482 5.00 2.26 55 266.98 0.59 RIVER-1 Reach-1 255.* Max WS 720.80 141.75 144.33 144.43 0.005482 5.00 2.26 55 266.98 0.59 RIVER-1 Reach-1 250 Max WS 720.80 141.75 144.73 144.43 0.005482 5.00 2.26 55 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 250 Max WS 720.80 141.75 144.33 144.43 0.005486 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 240 Max WS 720.80 141.75 144.38 144.40 0.005464 3.95 2.25 478.52 505.98 0.26 RIVER-1 Reach-1 240 Max WS 720.80 141.50 143.38 144.40 0.005464 3.95 2.95 9.95 9.95 9.02 RIVER-1 Reach-1 241.* Max WS 722.80 139.00 142.80 142.55 143.75 0.00372 2.00 437.67 353.99 2.37.4 2.05 0.50 RIVER-1 Reach-1 244.* Max WS 722.80 139.00 142.80 142.55 143.55 143.58 0.001044 1.75 51.70 307.40 0.19 80.00 142.80 142.14 0.0	RIVER-1	Reach-1	264.033*	Max WS	650.99	148.24	151.45		151.92	0.010248	5.73	133.79	115.83	0.69
RIVER-1 Reach-1 261.* Max WS 651.33 146.71 130.88 130.03 130.31 0.001227 1.68 490.89 3353.48 0.22 161.88 130.31 146.71 130.03 130.31 0.0013361 2.98 176.79 217.48 0.25 176.79 217.48 0.2	RIVER-1	Reach-1	263.016*	Max WS	650.89	147.84	151.05		151.22	0.005893	3.//	219.87	186.78	0.48
RIVER-1 Reach-1 260. Max WS 651.93 146.71 130.03 139.37 0.0014236 4.78 176.72 217.48 0.05 RIVER-1 Reach-1 250. Max WS 652.06 146.00 148.69 149.09 0.014209 5.55 149.39 179.83 0.70 RIVER-1 Reach-1 258 Max WS 652.06 146.00 148.37 148.46 0.004405 3.10 298.274.99 138.38 0.70 RIVER-1 Reach-1 257.* Max WS 652.15 146.00 148.37 148.46 0.004405 3.10 298.274.99 134.80 0.39 RIVER-1 Reach-1 255.* Max WS 652.51 145.50 146.02 148.17 0.004416 3.28 307.84 344.30 0.39 RIVER-1 Reach-1 255.* Max WS 719.14 145.50 146.68 147.46 0.006416 3.28 307.84 344.30 0.40 RIVER-1 Reach-1 255.* Max WS 719.14 144.00 146.66 147.68 10.004416 3.28 307.89 21.69	RIVER-1	Reach-1	262	Max WS	650.74	147.43	150.88		150.91	0.001227	1.66	490.89	355.18	0.21
RIVER-1 Reach-1 259.* Max WS 652.06 146.00 148.69 149.09 0.014209 5.54 149.33 179.83 0.70 RIVER-1 Reach-1 258.* Max WS 652.16 146.00 148.69 149.09 0.014209 5.54 149.33 179.83 0.70 RIVER-1 Reach-1 257.* Max WS 652.16 146.00 148.69 149.09 0.004416 3.10 238.93 294.88 0.39 RIVER-1 Reach-1 257.* Max WS 652.15 145.50 148.02 148.11 0.004416 3.28 307.36 312.37 0.39 RIVER-1 Reach-1 255.* Max WS 672.15 145.00 147.68 147.76 0.004492 3.49 321.84 348.00 0.00 0.00 RIVER-1 Reach-1 255.* Max WS 719.12 144.50 147.66 147.74 0.006830 4.37 273.96 283.20 0.50 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 146.66 146.89 0.009628 5.02 216.95 206.98 0.59 RIVER-1 Reach-1 253.* Max WS 719.46 144.00 145.69 146.89 0.009628 5.02 216.95 206.98 0.59 RIVER-1 Reach-1 252.* Max WS 720.51 142.00 145.33 145.43 0.00514 3.64 344.74 389.46 0.41 RIVER-1 Reach-1 251.* Max WS 720.55 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.20 RIVER-1 Reach-1 250.* Max WS 720.94 141.50 144.38 144.49 0.002285 2.25 478.52 305.98 0.29 RIVER-1 Reach-1 249.* Max WS 720.94 141.50 144.38 144.49 0.002285 2.25 478.52 305.98 0.29 RIVER-1 Reach-1 249.* Max WS 720.94 141.50 144.39 144.49 0.002285 2.25 478.52 305.98 0.28 RIVER-1 Reach-1 249.* Max WS 721.18 141.00 143.98 144.00 0.002611 2.40 442.32 305.99 0.27 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.00 0.002611 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.00 0.002611 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.00 0.002611 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.00 0.002611 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.40 0.002644 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 142.35 141.19 144.20 0.002611 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 246.* Max WS 721.81 140.00 142.36 142.40 0.003644 2.40 422.32 410.61 0.30 RIVER-1 Reach-1 240.* Max WS 721.28 140.50 143.55 144.19 0.003644 2.88 340.60 277.42 0.55 RIVER-1 Reach-1 240.* Max WS 723.72 140.50 142.60 142.4	RIVER-1	Reach-1	70T."	Max WS	651.33	146.71	130.03		130.33	0.011330	4./0	274 00	21/.40 100 30	0.02
RIVER-1 Reach-1 258.* Max WS 652.06 146.00 148.37 143.46 0.004405 3.10 298.93 294.88 0.39 RIVER-1 Reach-1 257.* Max WS 652.51 145.50 147.68 147.76 0.004406 3.28 307.36 312.37 0.39 RIVER-1 Reach-1 255.* Max WS 647.87 145.00 147.68 147.76 0.004491 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255.* Max WS 719.12 144.50 147.26 147.41 0.006830 4.37 273.96 283.20 0.50 RIVER-1 Reach-1 255.* Max WS 719.46 144.00 146.66 146.89 0.09528 5.02 216.95 206.98 0.99 RIVER-1 Reach-1 253.* Max WS 719.80 143.00 145.79 146.12 0.015187 6.11 197.04 253.80 0.73 RIVER-1 Reach-1 253.* Max WS 720.65 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 250 Max WS 720.94 141.50 144.38 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.94 141.50 144.38 144.44 0.002661 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 249.* Max WS 721.88 141.00 143.98 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.75 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 247.* Max WS 721.68 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244.4 Max WS 722.66 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.66 140.50 143.55 143.55 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 245.* Max WS 722.60 139.00 142.55 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 245.* Max WS 722.60 139.00 142.55 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 245.* Max WS 722.55 139.57 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 245.* Max WS 722.55 139.57 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 245.* Max WS 723.45 139.50 142.55 143.15 140.99 0.003370 2.32 410.61 0.30 RIVER-1 Reach-1 243.* Max WS 723.45 139.50 142.55 143.68 0.004942 3.82 287.77 247.43 0.42 287.44 140.00 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 235.84 Max WS 723.50 136.60 140.23 139.83 140.86 0.00370 2.32 410.27	KIVEK-1	Reach 1	200 *	Max WS	657.96	146.00	149.37		149.47	0.003491	2.50	140 21	170.30	0.33
RIVER-1 Reach-1 255 Max WS 647.87 145.00 148.00 147.68 147.76 0.00449(2) 3.28 507.36 312.37 0.39 RIVER-1 Reach-1 255 Max WS 719.12 144.50 147.68 147.76 0.00449(2) 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255 Max WS 719.12 144.50 147.26 147.16 0.00449(2) 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255 Max WS 719.12 144.50 147.26 147.16 0.004680 5.27 273.96 283.20 0.50 RIVER-1 Reach-1 253 Max WS 719.46 144.00 145.69 146.66 146.89 0.009628 5.27 273.96 283.20 0.50 RIVER-1 Reach-1 253 Max WS 719.80 144.00 145.79 146.14 0.00 146.14 0.00 1	RIVER-1	Reach-1	233."	Max WS	652.00	146.00	140.03		149.09	0.014203	3.34	208 03	294 88	0.70
RTVER-1 Reach-1 256 Max WS 647.87 145.00 147.68 147.76 0.004402 3.49 321.84 348.00 0.40 RIVER-1 Reach-1 255.* Max WS 719.12 144.50 147.26 147.41 0.006830 4.37 273.96 283.20 0.50 RIVER-1 Reach-1 254 Max WS 719.46 144.00 146.66 146.89 0.009628 5.02 216.95 205.98 0.59 RIVER-1 Reach-1 253.* Max WS 719.80 143.00 145.79 146.12 0.015187 6.11 197.04 233.80 0.71 RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004546 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004546 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 250 Max WS 720.98 141.50 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 249.* Max WS 721.18 141.00 143.98 144.42 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.002071 2.20 437.67 353.29 0.77 RIVER-1 Reach-1 246 Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.28 139.00 142.80 142.80 140.90 142.91 0.00468 3.95 294.59 238.86 0.45 RIVER-1 Reach-1 243.* Max WS 722.55 139.75 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 243.* Max WS 722.80 139.00 142.80 142.80 140.00440 2.88 340.69 273.87 0.45 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.80 142.80 140.00440 2.88 340.69 273.87 0.45 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.80 142.80 0.004940 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.66 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.66 142.44 0.003740 2.38 440.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.66 142.44 0.003740 2.32 440.67 334.98 277.66 0.35 RIVER-1 Reach-1 235.85 Max WS 723.30 137.62 140.94 140.99 0.003706 2.32 440.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max WS 723.30 137.62 140.94 140.99 0.003706 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23	DTVED_1	Poach-1	230 257 *	Max WS	652 51	145.50	148 02		148 11	0.004416	3 28	307.36	312 37	0.33
RIVER-1 Reach-1 255.* Max WS 719.12 144.50 147.26 147.41 0.006830 4.37 273.96 283.20 0.50 RIVER-1 Reach-1 254 Max WS 719.46 144.00 146.66 146.89 0.009628 5.02 216.95 206.98 0.59 RIVER-1 Reach-1 253.* Max WS 719.80 143.00 145.79 146.12 0.015187 6.11 197.04 253.80 0.73 RIVER-1 Reach-1 252 Max WS 720.11 142.00 145.33 145.43 0.004514 3.64 344.74 389.46 0.41 RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004566 3.34 .69 381.95 0.40 RIVER-1 Reach-1 250 Max WS 720.94 141.50 144.38 144.43 0.002651 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.94 141.50 144.38 144.43 0.002651 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 249.* Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 246 Max WS 721.68 140.50 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 246 Max WS 722.65 140.50 143.55 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 245.* Max WS 722.80 149.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244.* Max WS 722.80 139.90 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 241.* Max WS 723.41 149.00 142.36 142.41 0.003744 2.99 330.11 263.52 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.55 142.68 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.55 142.68 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.65 142.66 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 231.8 Max WS 723.52 138.50 141.44 141.52 0.003766 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 232.5 Max WS 723.25 138.50 141.44 140.99 0.002370 2.32 440.77 326.49 0.99 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.48 0.006149 6.05 126.57 54.72 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53 140.48 0.006149 6.05 126.57 54.72 0.66 RIVER-1 Reach-	RTVER-1	Reach-1	256	Max WS	647.87	145.00	147.68		147.76	0.004492	3.49	321.84	348.00	0.40
RIVER-1 Reach-1 254 Max WS 719.46 144.00 146.66 146.89 0.0006028 5.02 216.95 206.98 0.59 RIVER-1 Reach-1 253.* Max WS 719.80 143.00 145.79 146.12 0.015187 6.11 197.04 253.80 0.73 147.00 145.33 145.43 0.004514 3.64 344.74 389.46 0.41 RIVER-1 Reach-1 251.* Max WS 720.11 142.00 145.33 145.43 0.004514 3.64 344.74 389.46 0.41 RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.40 147.00 14	RTVFR-1	Reach-1	255.*	Max WS	719.12	144.50	147.26		147.41	0.006830	4.37	273.96	283.20	0.50
RIVER-1 Reach-1 253.* Max ws 719.80 143.00 145.79 146.12 0.015187 6.11 197.04 253.80 0.73 RIVER-1 Reach-1 252 Max ws 720.11 142.00 145.33 145.43 0.004514 3.64 344.74 389.46 0.43 RIVER-1 Reach-1 251.* Max ws 720.65 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 250 Max ws 720.94 141.50 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max ws 720.94 141.50 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 248.* Max ws 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max ws 721.68 140.75 143.72 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 246.* Max ws 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244.* Max ws 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244.* Max ws 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244.* Max ws 722.56 139.75 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 244.* Max ws 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max ws 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max ws 723.14 140.00 142.36 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.* Max ws 723.45 139.50 142.66 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240.* Max ws 723.54 139.50 142.66 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240.* Max ws 723.52 138.00 141.76 141.85 0.003712 3.14 37.74 265.69 0.36 RIVER-1 Reach-1 239.* Max ws 723.52 138.00 141.44 141.52 0.003576 2.80 334.98 277.66 0.34 RIVER-1 Reach-1 235.88 Max ws 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max ws 723.20 136.60 140.23 139.53 140.48 0.006149 6.05 126.57 54.72 0.66 RIVER-1 Reach-1 235.85 Max ws 723.20 136.60 140.23 139.53 140.48 0.006149 6.05 126.57 54.72 0.66 RIVER-1 Reach-1 235.85 Max ws 723.20 136.60 140.23 139.53 140.48 0.006149 6.05 126.57 54.72 0.66 RIVER-1 Reach-1 235.84 Max ws 723.20 136.60 140.2	RTVFR-1	Reach-1	254	Max WS	719.46	144.00	146.66		146.89	0.009628	5.02	216.95	206.98	0.59
RIVER-1 Reach-1 251.* Max WS 720.11 142.00 145.33 145.43 0.004516 3.64 344.74 389.46 0.41 RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 250 Max WS 720.94 141.50 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 248 Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.00271 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 245.* Max WS 721.68 140.75 143.75 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 245.* Max WS 722.55 139.75 143.13 143.55 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 244. Max WS 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 242. Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 240 Max WS 723.14 140.00 142.36 142.44 0.003724 2.98 330.11 273.87 0.35 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 239.* Max WS 723.52 138.00 141.76 141.85 0.003701 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 239.* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max WS 723.30 137.62 140.94 140.99 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53	RIVER-1	Reach-1	253.*	Max WS	719.80	143.00	145.79		146.12	0.015187	6.11	197.04	253.80	0.73
RIVER-1 Reach-1 251.* Max WS 720.65 141.75 144.77 144.86 0.004566 3.36 344.69 381.95 0.40 RIVER-1 Reach-1 250 Max WS 720.94 141.50 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 248 Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 42.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 42.32 410.61 0.30 RIVER-1 Reach-1 246 Max WS 721.26 140.55 143.55 143.57 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 246 Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244 Max WS 722.55 139.75 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.80 142.91 0.04684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 249 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.52 138.50 141.44 141.52 0.003501 2.59 343.98 277.66 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.50 141.44 141.52 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 236.5 Max WS 723.52 137.25 140.84 140.99 0.002370 2.52 410.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.88 140.43 0.006149 6.05 126.57 54.72 0.61 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.88 140.43 0.006149 6.05 126.57 54.72 0.61 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.88 140.43 0.006149 6.05 126.57 54.72 0.61 RIVER-1 Reach-1	RIVER-1	Reach-1	252	Max WS	720.11	142.00	145.33		145.43	0.004514	3.64	344.74	389.46	0.41
RIVER-1 Reach-1 250 Max WS 720.94 141.50 144.38 144.43 0.002285 2.25 478.52 505.98 0.28 RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.0025611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 248.* Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 246.* Max WS 721.68 140.50 143.55 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 245.* Max WS 722.26 140.50 143.55 143.53 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 244.* Max WS 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.45 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 239.* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.85 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	251.*	Max WS	720.65	141.75	144.77		144.86	0.004566	3.36	344.69	381.95	0.40
RIVER-1 Reach-1 249.* Max WS 720.98 141.25 144.19 144.24 0.002611 2.40 440.23 460.71 0.30 RIVER-1 Reach-1 248. Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 246 Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.55 139.75 143.13 143.35 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 244 Max WS 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max WS 723.44 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 241.* Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 240 Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 239.* Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 263.52 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 239.* Max WS 723.52 138.00 141.12 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.35 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.60 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	250	Max WS	720.94	141.50	144.38		144.43	0.002285	2.25	478.52	505.98	0.28
RIVER-1 Reach-1 248 Max WS 721.18 141.00 143.98 144.04 0.002544 2.47 422.32 410.61 0.30 RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.002071 2.20 437.67 353.29 0.27 RIVER-1 Reach-1 246 Max WS 722.26 140.50 143.55 143.75 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.55 139.75 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 244 Max WS 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 242 Max WS 723.14 140.00 142.36 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 239.* Max WS 723.52 138.00 141.12 141.20 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.00146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge Reach-1 235.84 Bridge Reach-1 235.84 Bridge Reach-1 235.84 Bridge Reach-1 235.84 Bridge Reach-1 235.84 Bridge Reach-1 235.23 Max WS 723.20 136.60 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	249.*	Max WS	720.98	141.25	144.19		144.24	0.002611	2.40	440.23	460.71	0.30
RIVER-1 Reach-1 247.* Max WS 721.68 140.75 143.72 143.77 0.0020/1 2.20 437.66 333.29 0.27 RIVER-1 Reach-1 246 Max WS 722.26 140.50 143.55 143.58 0.001044 1.75 517.70 307.40 0.19 RIVER-1 Reach-1 245.* Max WS 722.55 139.75 143.13 143.35 0.008129 5.04 233.92 237.42 0.55 RIVER-1 Reach-1 244 Max WS 722.80 139.00 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 242 Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.59 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.58 140.86 0.007386 6.41 118.38 572.38 431.21 0.20 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.58 140.86 0.007386 6.41 118.38 574.36 0.66 RIVER-1 Reach-1 235.84 Max WS 723.20 136.60 140.23 139.58 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	248	Max WS	721.18	141.00	143.98		144.04	0.002544	2.47	422.32	410.61	0.30
RIVER-1 Reach-1 245	RIVER-1	Reach-1	247.*	Max WS	721.68	140.75	143.72		143.77	0.002071	2.20	43/.6/	353.29	0.27
RIVER-1 Reach-1 249.** Max WS 722.80 139.70 142.80 142.91 0.004684 3.95 294.59 238.86 0.41 RIVER-1 Reach-1 243.** Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 242 Max WS 723.14 140.00 142.36 142.44 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 241.** Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.** Max WS 723.92 138.50 141.44 141.85 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 239.** Max WS 723.92 138.50 141.44 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.** Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 237.25* Max WS 723.25 137.25 140.84 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 235.85 Max WS 723.25 137.25 140.84 140.87 0.001146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.84 Bridge Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	246	Max WS	722.26	140.50	143.55		143.58	0.001044	1./5	317.70	307.40	0.19
RIVER-1 Reach-1 244 Max WS 722.80 139.00 142.80 142.81 0.004864 3.93 234.39 238.80 0.41 RIVER-1 Reach-1 243.* Max WS 722.94 139.50 142.55 142.68 0.004942 3.82 287.77 247.43 0.42 RIVER-1 Reach-1 242 Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 572.38 431.21 0.20 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	245.*	Max WS	722.55	139.75	143.13		143.33	0.008129	3.04	233.92	237.42	0.33
RIVER-1 Reach-1 241.* Max WS 723.14 140.00 142.36 142.44 0.003464 2.88 340.69 273.87 0.35 RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.00146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	244	Max WS	722.80	139.00	142.80		142.91	0.004064	2.93	294.39	230.00	0.41
RIVER-1 Reach-1 241.* Max WS 723.45 139.50 142.06 142.14 0.003724 2.99 330.11 263.52 0.36 RIVER-1 Reach-1 240 Max WS 723.45 139.50 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.001146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	KTAFK-T	Keach-I	243.°	Max WS	/22.34 722 14	139.30	142.33		142.00	0.004342		340 60	273 87	0.42
RIVER-1 Reach-1 240 Max WS 723.74 139.00 141.76 141.85 0.003712 3.14 327.74 265.69 0.36 RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.35 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.001146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	KIVEK-I	Reach 1	242 241 *	May WS	723.14 722 45	140.00 130 50	142.30 142.06		142.44	0.003404	2.00	330.03	263.52	0.36
RIVER-1 Reach-1 239.* Max WS 723.92 138.50 141.44 141.52 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003576 2.80 334.90 267.65 0.35 RIVER-1 Reach-1 237.25* Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 236.5 Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.00146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	DTVED-1	Peach-1	240	May WS	723.74	139.00	141.76		141.85	0.003712	3.14	327.74	265.69	0.36
RIVER-1 Reach-1 238 Max WS 723.52 138.00 141.12 141.20 0.003501 2.59 343.98 277.66 0.34 RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.00146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RTVER-1	Reach-1	239.*	Max WS	723 92	138 50	141 44		141.52	0.003576		334.90	267.65	0.35
RIVER-1 Reach-1 237.25* Max WS 723.30 137.62 140.94 140.99 0.002370 2.32 410.27 326.49 0.29 RIVER-1 Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.001146 1.78 572.38 431.21 0.20 RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RTVFR-1	Reach-1	238	Max WS	723.52	138 00	141.12		141.20	0.003501	2.59	343.98	277.66	0.34
RIVER-I Reach-1 236.5 Max WS 723.25 137.25 140.84 140.87 0.001146 1.78 572.38 431.21 0.20 RIVER-I Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-I Reach-1 235.84 Bridge RIVER-I Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	237,25*	Max WS	723.30	137.62	140.94		140.99	0.002370	2.32	410.27	326.49	0.29
RIVER-1 Reach-1 235.85 Max WS 723.20 136.60 140.23 139.53 140.86 0.007386 6.41 118.38 54.36 0.66 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61		Reach-1	236.5	Max WS	723.25	137.25	140.84		140.87	0.001146	1.78	572.38	431.21	0.20
RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	235.85	Max WS	723.20	136.60	140.23	139.53	140.86	0.007386		118.38	54.36	0.66
RIVER-1 Reach-1 235.23 Max WS 723.20 136.10 139.88 140.43 0.006149 6.05 126.57 54.72 0.61	RIVER-1	Reach-1	235.84		Bridge								F	
	RIVER-1	Reach-1	235.23	Max WS	723.20	136.10	139.88		140.43	0.006149	6.05	126.57	54./2	0.61

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RIVER-1 RIVER-1	Reach-1 Reach-1	234.153* 233.076* 232.231.* 230.229.* 228.227.* 226.225.* 224.223.* 221.* 221.* 221.* 219.* 218.217.* 216.215.* 217.* 216.213.* 217.* 218.217.* 219.*	Max WS Max WS	723.19 723.12 722.98 722.98 722.95 723.18 741.27 741.58 741.93 741.88 740.80 738.12 736.01 734.51 733.86 733.396 733.396 733.396 733.397 733.65 733.90 792.05 792.14 835.43 835.36 835.29 835.27	135.73 135.37 135.00 135.00 135.00 134.50 134.50 133.85 133.70 133.48 133.25 133.12 133.00 132.70 132.70 131.20 131.98 132.75 132.62 131.88 131.25 132.50 131.88	139.52 139.13 138.78 138.56 138.50 138.40 138.26 138.09 137.72 137.42 137.18 136.97 136.84 136.76 136.71 136.69 136.69 136.67 136.69 136.67 136.61 136.59 136.56 136.59 136.56 136.59 136.56		140.00 139.48 138.90 138.61 138.51 138.43 138.29 138.14 137.53 137.28 137.04 136.80 136.71 136.72 136.71 136.65 136.65 136.65 136.65 136.58	0.007568 0.009234 0.006345 0.002280 0.000636 0.000983 0.001465 0.005522 0.005522 0.005208 0.002298 0.002878 0.001264 0.000873 0.000698 0.000316 0.000316 0.000316 0.000354 0.000275 0.000275 0.000245	6.17 6.03 4.45 2.69 1.47 2.43 2.66 3.73 3.71 32.50 2.28 1.94 1.37 1.23 1.55 1.62 2.18 6.15	167.41 215.68 336.03 478.03 738.07 628.90 542.82 457.75 318.95 320.75 345.87 451.85 507.51 585.96 630.33 829.41 803.06 772.16 718.47 867.22 767.48 681.85 162.33 135.85	149.43 271.29 455.38 475.30 512.91 469.28 454.10 391.98 327.23 324.64 315.44 315.47 307.43 331.67 365.90 344.36 361.30 362.81 277.07 207.37 50.72 52.09	0.62 0.62 0.46 0.29 0.15 0.19 0.23 0.28 0.42 0.39 0.32 0.25 0.25 0.25 0.17 0.11 0.11 0.12 0.15 0.17
RIVER-1 RIVER-1	Reach-1 Reach-1	211 .065* 210 .13 209 .23 208 .43 205 .91 205 .91 204 .965* 204 .44 203 .626* 202 .813* 202 201 .36 200 .405* 199 .451* 197 .542* 196 .583* 195 .634* 194 .68* 193 .75* 191 .817* 190 .862* 189 .908* 188 .954*	Max WS Max WS	Culvert 835.25 835.18 835.17 835.07 835.06 835.05 834.93 834.91 834.80 834.79 834.66 834.66 834.66 834.66 834.55 834.58 834.52 834.58	128.67 129.85 129.75 129.49 129.29 129.08 128.88 128.72 128.44 128.00 127.76 127.52 127.28 127.04 126.57 126.33 126.09 125.85 125.61 125.37	134 . 11 133 . 95 133 . 85 133 . 72 133 . 60 133 . 40 133 . 22 133 . 05 132 . 89 132 . 68 132 . 47 132 . 28 132 . 10 131 . 92 131 . 77 131 . 63 131 . 50 131 . 39 131 . 39 131 . 30 131 . 14 131 . 09 131 . 03 131 . 04		134.68 134.54 134.43 134.29 134.16 133.75 133.56 133.56 133.41 132.98 132.77 132.57 132.38 132.21 132.38 132.21 131.89 131.76 131.63 131.52 131.43 131.52	0.001085 0.002621 0.002609 0.002579 0.002540 0.002540 0.002310 0.002310 0.002289 0.002222 0.002143 0.001293 0.001797 0.001654 0.001520 0.001368 0.001520 0.001383 0.001933 0.000956 0.000839 0.000733 0.000733	6.06 6.10 6.001 5.87 5.77 5.74 5.544 5.101 4.645 4.087 3.65	137.89 136.28 136.84 137.78 138.93 140.15 142.66 145.14 143.97 144.81 146.22 147.95 150.36 153.29 157.12 166.56 172.89 179.90 187.73 196.18 205.54 215.95 228.53	72.95 46.44 46.78 47.21 47.68 48.20 48.92 49.65 49.07 49.16 49.62 50.01 50.48 50.99 51.68 52.41 53.24 54.10 55.19	0.46 0.63 0.63 0.62 0.62 0.60 0.59 0.58 0.57 0.55 0.55 0.53 0.49 0.47 0.42 0.39 0.35
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	187.68 187.65 187.2 187.15 187 186.81	Max WS Max WS Max WS Max WS Max WS	Lat Struct 832.18 974.84 994.60 994.60 994.55	125.27 125.15 125.13 125.09 123.29	131.08 131.02 131.01 131.03 130.56		131.24 131.17 131.16 131.16 131.23	0.000404 0.000327 0.000368 0.000293 0.000871	3.27 3.06 3.12 2.80 6.58	258.98 322.93 319.04 354.96 151.21	56.42 66.39 68.11 75.59 77.75	0.27 0.24 0.25 0.23 0.43
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	186.81 186.80 185.39 184.5 184 183.* 182 181.* 180 179.* 178 177.* 176 175.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	832.18 974.84 994.60 994.60 994.55 Culvert 993.37 994.29 1033.19 1035.18 1035.43 1005.53 1082.24 1083.95 1087.81	122.78 126.00 126.00 126.00 126.00 126.00 125.00 124.00 124.00 124.00 123.50	129.95 130.21 130.16 129.88 129.85 129.54 129.23 128.96 128.81 128.58 128.15		130.56 130.25 130.20 130.12 129.94 129.65 129.32 129.04 128.85 128.63 128.24 127.99	0.000814 0.000812 0.000791 0.003209 0.002481 0.003473 0.003289 0.002674 0.001170 0.001819 0.003579 0.004231	6.30 2.34 2.45 4.37 3.46 3.80 3.25 2.24 2.82 3.73 4.04	157.63 828.48 808.20 435.00 449.21 408.34 464.38 554.52 752.99 665.81 531.04 508.73	50.87 448.72 431.67 273.41 241.31 253.51 339.12 429.70 475.27 496.18 480.10 504.12	0.41 0.22 0.23 0.40 0.32 0.37 0.36 0.27 0.27 0.37 0.40

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RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	174 173.*	Max WS	1088.21 1088.88 1089.92 1090.82 1091.20 1091.70 1091.88 1092.52 1094.12 1095.91 1096.68 1097.88 1098.42 1099.28 1100.05 1100.58 1100.16 1102.23 1134.28 1154.69 1155.35 1168.46 1177.52 1180.88 1184.31 1187.31 1187.31 1187.43 1190.57 1193.90 1204.29 1204.21 1232.28 1232.29 1290.03	123.00 123.50	127.66 127.56 127.51 127.42 127.18 127.06 126.94 126.85 126.56 126.26 126.26 125.79 125.35 125.49 125.35 125.14 125.04 125.14 125.04 124.38 124.38 124.38 124.38 124.28 124.28	•	127.74	0.003001	3.44 2.55	607.78 776.93 1097.32 1019.44	604.89	0.33
RIVER-1	Reach-1	173.*	Max WS	1088.55	123.50	127.56		127.59	0.001752	2.55	776.93	696.04	0.25
RIVER-1	Reach-1	172 171.*	Max WS Max WS	1088.88	124.00	127.51		127.53	0.000678	1.54 1.77	1097.32	768.67	0.16
RIVER-1	Reach-1	170	Max WS Max WS	1009.92	124.00	127.42		127.44	0.000920	2.17	1019.44	011.93	0.18
RIVER-1	Reach-1	169.*	Max WS	1090.02	123.50	127 18		127.30	0.001437	2.54	831 36	843 74	0.23
RIVER-1	Reach-1	168	Max WS Max WS Max WS	1091.57	123.00	127.06		127.11	0.002466	3.03	749.55	920.25	0.20
DTVED_1	Reach-1	168 167.*	Max WS	1091.88	122.50	126.94		126.98	0.001742	2.73	850.29	885.81	0.26
RIVER-1	Reach-1	166 165.*	Max WS	1092.52	122.00	126.85		126.88	0.001142	2.30	998.75	955.36	0.21
RIVER-1	Reach-1	165.*	Max WS	1094.12	121.00	126.57		126.61	0.001625	2.69 2.50	957.00	1138.62	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	164 163.*	Max WS	1095.91	123.50 124.00 124.00 124.00 123.50 123.50 122.50 122.00 121.00 120.00	126.26		126.29	0.001752 0.000678 0.000926 0.001497 0.001834 0.002466 0.001742 0.001625 0.001625 0.002622 0.002423 0.00245 0.001475	2.50	912.36	604.89 696.04 768.67 811.93 824.72 843.74 920.25 885.81 955.36 1138.62 1077.45 1022.60	0.33 0.25 0.16 0.18 0.26 0.30 0.26 0.21 0.24 0.23 0.39 0.31 0.21 0.21
RIVER-1	Reach-1	163.* 162	Max WS	1096.68	120.00 120.00	126.08		126.13	0.002222	3.15 4.51	818.75	1022.60	0.28
RIVER-1	Reach-1	161.*	Max WS Max WS	1097.30		125.//	•	125.00	0.004232	4.31 3.37	010.00 71/ 15	895.11 843.91 852.62	0.39
RTVER-1	Reach-1	160	Max WS	1097.00	120.25 120.50 120.25 120.00	125.35		125.38	0.002463	3.37 2.23 2.17 2.03	925.70	852.62	0.31
RIVER-1 RIVER-1	Reach-1	160 159.*	Max WS	1099.28	120.25	125.24		125.27	0.001123	2.17	917.09	839.48	0.21
RTVFR-1	Reach-1	158 157.*	Max WS	1100.05	120.00	125.14		125.17	0.001054	2.03	932.09	837.07	0.20
RIVER-1	Reach-1	157.*	Max WS	1100.58	119 50	125.04		125.09	0.001475	2.5/	841.09	856.42	0.24
RIVER-1 RIVER-1 RIVER-1	Reach-1	156	Max WS Max WS Max WS	1101.16	119.00 119.00 119.00	124.87		124.95	0.003050	3.80	673.05	846.69	0.34
RIVER-1 RIVER-1	Reach-1	155.* 154 153.*	Max WS	1102.23	119.00	124.58		124.04	0.002249	3.27 2.50	770.86	8/6./1	0.29
RIVER-1	ReaCII-1	153 *	Max WS Max WS	1154.20	119.00	124.39		124.42	0.001371	2.47	900.01	952.43	0.22
RTVFR-1	Reach-1	152	Max WS	1155.35	119.00	124.18		124.21	0.001196	2.30	1032.04	1012.92	0.22
RIVER-1	Reach-1	151.*	Max WS	1168.40	119 00	124.02		124.05	0.001541	2.36	958.96	1004.20	0.24
D#\/ED_7	Reach-1	150 149.*	Max WS Max WS Max WS	1168.26	119.00	123.76		123.81	0.002749	2.69	789.89	948.93	0.31
RIVER-1	Reach-1	149.*	Max WS	1172.96	118.50	123.50		123.55	0.002415	2.96	799.34	946.39	0.30
RIVER-1	Reach-1	148	Max WS Max WS	1177.52	118.00	123.27		123.32	0.002161	3.06	867.79	1127.65	0.28
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	147.* 146 145.*	Max WS Max WS	1100.00	118.50 118.00 117.92 117.83 117.92 118.00	123.09		123.14	0.002322	2.86 2.66 2.23 1.90	879.19 870.75	1127.73	0.29
RIVER-I	Reach-1	146	Max WS Max WS	1187.43	117 92	122.30		122.75	0.002000	2.00	906.72	1157.10	0.30
RIVER-1	Reach-1	144	Max WS	1190.57	118.00	122.54		122.58	0.002169	1.90	910.14	1190.81	0.26
RIVER-1	Reach-1	143.*	Max WS	1193.90	117.50	122.39		122.43	0.001159	1.98	1046.05	1104.92	0.21
KTACK-T	Reach-1	142 141.*	Max WS	1197.69	117.50 117.00 117.00	122.29		122.31	0.001211	2.39 2.72	1079.12	1043.73	0.21
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	141.*	Max WS	1201.29	117.00	122.39 122.29 122.15 121.99 121.89 121.82 121.74 121.54 121.54 121.45 121.34 121.20 121.09 120.98 120.69 120.69		122.18	0.001475 0.003050 0.002249 0.001371 0.001289 0.001196 0.001541 0.002749 0.002415 0.002322 0.002606 0.001985 0.002169 0.001159 0.001211 0.001603 0.001709	2.72	882 64 831 36 749 55 850 29 998 75 957 00 912 36 818 75 616 68 714 15 925 70 917 09 932 09 841 09 673 05 770 86 960 61 993 62 1032 04 958 96 789 89 789 87 906 72 910 14 1046 05 1079 12 986 75 1071 39 870 15 1071 39	1079.50	0.29 0.22 0.22 0.24 0.31 0.30 0.28 0.29 0.36 0.26 0.21 0.21
RIVER-1 RIVER-1 RIVER-1	Reach-1	140	Max WS Max WS Max WS Max WS Max WS	1204.51	117.00	121.99		122.03	0.001/09	2.76	986.75	1099.13	0.25
KIVEK-1	Reach-1	139.* 138 137.*	Max WS	1200.87	117.50 118.00 118.00 118.00	121.09		121.92	0.001322	2.32	10/1.39	1025 11	0.22
RIVER-1	Reach-1	137.*	Max WS	1212.65	118.00	121.02		121.76	0.000043	1.79 1.88 1.93	1154.82	1115.45	0.20
RIVER-1	Reach-1	136	Max WS	1215.46	118.00	121.64		121.66	0.001271	1.93	1099.59	1159.35	0.22
RIVER-1	Reach-1	135.*	Max WS	1218.23	117.50	121.54		121.56	0.001125	1.74	1136.56	1201.12	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	134 133.*	Max WS Max WS	1221.31	117.50 117.50 117.00 117.00 117.00 117.00 117.00 117.00 116.71	121.45		121.47	0.000948	1.54 1.73 1.83	1191.91	1207.03	0.18 0.20 0.22 0.20 0.18 0.21 0.22 0.24 0.22
RIVER-I	Reach-1	133.*	Max WS	1225.00	117.00	121.34		121.37	0.001244	1.73	1035.94	1077.03	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach 1	132 131.*	Max WS	1228.52	117.00	121.20		121.24	0.001455	1.83	909.79	9/3.04 965 97	0.22
DTVED-1	Peach-1	130	Max WS Max WS Max WS Max WS	1230.37	117.00	120.03		121.13	0.001034	1 70	931.01	840.42	0.27
RIVER-1	Reach-1	129.*	Max WS	1233.05	117.00	120.87		120.91	0.002159	1.97	866.05	981.53	0.27
RIVER-1	Reach-1	130 129.* 128	Max WS	1233.31	117.00	120.69		120.75	0.003490	2.37	741.33	988.78	0.33
RIVER-1	Reach-1	127.*	May WS	1232.64	116.71	120.55		120.60	0.002166	2.31	818.01	837.71	0.28
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	126 125.*	Max WS	1232.61	116.42	120.51		120.53	0.001214	1.97 2.37 2.31 2.10 1.88	1084.05	992.13	0.21
RIVER-1	Reach-1	125.*	Max WS Max WS Max WS	1232.28	116.71 116.42 116.21 116.00 116.18 116.35 115.68 115.00 114.50 114.00	120.49		120.51	0.0001109	1.50	1136.56 1191.91 1035.94 909.79 913.83 931.01 866.05 741.33 818.01 1084.05 1158.00 1298.13 1331.30 1443.16 999.32	846.69 876.71 932.45 968.30 1012.92 1004.20 948.93 946.39 1127.65 1127.43 1157.10 1190.81 1104.92 1043.73 1079.50 1099.13 1101.47 1025.11 1115.45 1159.35 1129.30 1077.03 973.04 965.97 840.42 981.53 988.78 837.71 992.13 1104.62 1140.87 1360.28 1796.67 1288.60	0.33 0.28 0.21 0.20 0.17 0.18 0.19 0.29
RIVER-1	Reach-1	124 123.*	Max WS May WS	1232.20	116.00	120.46		120.45	0.000802	1.69	1331.30	1360.28	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	122	Max WS	1232.13	116.35	120.38		120.40	0.000917	1.69 1.73	1443.16	1796.67	0.19
RIVER-1	Reach-1	122 121.* 120	Max WS	1301.77	115.68	120.22		120.25	0.002415	2.32	999.32	1288.60	0.29
RIVER-1	Reach-1	120	Max WS	1301.04	115.00	120.01		120.05	0.001591	2.56	967.42	891.89	0.25
RIVER-1	Reach-1	119.*	Max WS	1299.90	114.50	119.85		119.91	0.001965	3.09	967.42 830.54 635.73 669.93 627.74	891.89 654.14 598.80 597.78 579.67	0.30
RIVER-1	Reach-1	118	Max WS	1294.23	114.00	119.57		119.73	0.003943	4.69 3.39	660 02	590.0U 507.78	0.40
RIVER-1	Reach 1	117.*	Max WS	1290.03	114.50	119.40		119.30	0.002436	3.07	627 74	579 67	0.38
RIVER-1	Reach-1	116 115.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	1290.03 1268.75 1219.41 1161.51 1772.87 1771.64 Lat Struct 1718.08	115.00 114.50	120.49 120.48 120.43 120.38 120.22 120.01 119.85 119.57 119.46 119.32 119.19		127.74 127.59 127.44 127.30 127.21 127.11 126.98 126.61 126.62 125.88 125.38 125.38 125.38 125.38 125.38 125.38 125.38 125.37 123.32 124.95 124.95 124.95 124.95 124.95 124.95 123.81 122.75 122.43 122.75 122.43 122.75 122.43 122.75 122.43 122.75 122.43 122.75 122.64 122.75 123.75 124.91 125.75 129.75	0.001322 0.000845 0.001038 0.001271 0.001125 0.000948 0.001244 0.001455 0.001634 0.001511 0.002159 0.003490 0.002166 0.001214 0.001109 0.000802 0.009905 0.000917 0.002415 0.001965 0.003943 0.002436 0.002756 0.002756 0.002756 0.002154 0.001739	2.43	663.37	655.27	0.48 0.38 0.38 0.33 0.27
RIVER-1	Reach-1	114	Max WS	1161.51	114.00	119.08		119.13	0.001427	1.89	733.44	733.51	0.27
RIVER-1 RIVER-1 RIVER-1	Reach-2	112 05	Max WS	1772.87	112.00	119.08		119.19	0.001739	3.04 3.05	663.37 733.44 853.58 846.97	662.09 659.55	0.32 0.32
RIVER-1	Reach-2	112 111.95 111.*	Max WS	1771.64	112.00	119.07		119.19	0.001766	3.05	846.97	659.55	0.32
RIVER-1	Reach-2	111.95		Lat Struct	112 00	110 07		110 07	0.001744	2 75	057 54	712 82	0.31
RIVER-1	Reach-2	111.*	Max WS	1/18.08	113.00	118.97 118.93		119.07	0.001/44	2./5	03/.3 4 1097 7 <u>4</u>	762 50	0.31
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	110 109.*	Max WS Max WS	1304./3	114.00 113.50	118.80		118 84	0.001149	2.17	1000.69	749.70	0.29
RIVER-1	Reach-2	109	Max WS Max WS	1455.18 1415.68	113.00	118.67		119.07 118.98 118.84 118.72	0.001744 0.001149 0.001668 0.000945	2.75 2.02 2.17 2.70	857.54 1097.74 1000.69 1098.67	713.83 762.59 749.70 695.57	0.31 0.25 0.29 0.25 0.20
RIVER-1	Reach-2	107.*	Max WS	1408.57	112.00	118.64		118.68	0.000633	2.16	1324.61	792.46	0.20

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RIVER-1	Reach-2	106 105.*	Max WS	1405.58	111.00 110.50	118.63 118.60 118.57 118.57 118.57 118.54 118.52 118.41 118.38 118.32 118.29 118.24 118.21 118.21 118.15 118.15 118.15		118.65 118.60 118.58 118.56 118.56 118.54 118.43 118.43 118.43 118.34 118.37 118.34 118.31 118.31 118.20 118.26 118.21 118.21 118.15 118.15 118.15	0.000410 0.000472 0.000440 0.000398 0.000161 0.000313 0.000316 0.000285 0.000285 0.000277 0.000277 0.000277 0.000277 0.000277 0.000277 0.000279 0.000279 0.000279 0.000279 0.000270	2.02 1.95 2.22 1.69 1.41 1.93 1.92 1.90	1560. 44 1552. 21 1571. 23 1713. 94 1967. 72 1952. 76 1940. 83 1964. 82 1992. 17 1986. 89 1968. 02 1954. 78 1852. 16 1761. 17 2079. 47 2415. 78 2371. 61 2348. 59 2949. 27 3596. 72 3814. 58 4140. 73 3671. 47 3284. 46	858.98 887.71 888.24 982.73 956.91 940.01	0.17 0.17 0.16 0.16 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.15 0.17 0.10 0.17 0.17 0.19 0.07 0.07 0.07
RIVER-1 RIVER-1 RIVER-1	Reach-2	105.*	Max WS	1399.47	110.50	118.60		118.62	0.000472	1.95	1552.21	887.71	0.17
RIVER-1	Reach-2	104 103.* 102 101.*	Max WS Max WS	1393.07	110.00 110.00 110.00 110.50 111.00 111.00 110.50 110.00 109.50 109.00 109.00	118.57		118.50	0.000440	1.69	1713 94	000.24 082 73	0.16
RIVER-1	Reach-2	102	Max WS	1152.68	110.00	118.57		118.58	0.000330	1.41	1967.72	956.91	0.10
RIVER-1	Reach-2	101.*	Max WS	1587.19	110.50	118.54		118.56	0.000313	1.93	1952.76	940.01	0.15
RIVER-1	Reach-2	100 99.* 98 97.*	Max WS	1584.53	111.00	118.52		118.54	0.000316	1.92	1940.83	921.35	0.15
RIVER-1	Reach-2	99.*	Max WS	1577.32	111.00	118.46		118.48	0.000301	1.90	1964.82	936.74	0.14
RIVER-1	Reach-2	98	Max WS	1571.24	111.00	118.41		118.43	0.000285	1.88	1992.17	952.79	0.14
RIVER-1	Reach-2	97.* 96	Max WS	15/0.68	110.50	118.38		118.40	0.000280	1.8/	1986.95	934.84	0.14
DIVER-T	Peach-2	90 95 *	Max WS	1568 31	10.00	118 37		118 34	0.000276	1.86	1960.69	910.90	0.14
RTVFR-1	Reach-2	95.* 94 93.* 92	Max WS	1569.40	109.00	118.29		118.31	0.000279	1.87 1.86 1.86 1.86 1.90 2.02	1954.78	926.41	0.14
RIVER-1	Reach-2	93.*	Max WS	1569.27	109.00	118.26		118.29	0.000272	1.90	1852.16	818.40	0.14
RIVER-1	Reach-2	92	Max WS	1570.51	109.00	118.24		118.26	0.000275	2.02	1761.17	1294.26	0.14
RIVER-1	Reach-2	91.*	Max WS	1571.85	108.50	118.21		118.24	0.000227	1.85	2079.47	1296.25	0.13
RIVER-I	Reach-2	90 89.*	Max WS	15/3.38	108.00	118.20		118.21	0.000177	1.64	2415.78 2371 61	1313.19	0.11 0.12
RTVER-1	Reach-2	88	Max WS	1577.55	109.00	118.16		118.18	0.000180	1.73	2348.59	1439.75	0.12
RIVER-1	Reach-2	87.*	Max WS	1579.38	108.00	118.15		118.17	0.000097	1.38	2949.27	1472.83	0.09
RIVER-1	Reach-2	86	Max WS	1581.59	107.00	118.15		118.16	0.000054	1.10	3596.72	1506.02	0.07
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	85.*	Max WS	1582.13	107.50	118.15		118.15	0.000054	1.02	3814.58	1553.85	0.07
RIVER-1	Reach-2	84 83.*	Max WS	1583.04	108.00	118.15		118.15	0.000049	0.88	4140./3	1611.99	0.06
RIVER-1 RIVER-1	Reach-2	03.° 82	MAX WS MAX WS	1607.23	109.00 108.50 108.00 108.50 109.00 108.00 107.00 107.50 108.00 108.50	110.14 118 14		118 14	0.000008	1.85 1.64 1.69 1.73 1.38 1.10 1.02 0.88 1.03 1.15	3071.47	921.35 936.74 952.79 934.84 918.98 922.51 926.41 818.40 1296.25 1313.19 1339.13 1439.75 1472.83 1506.02 1553.85 1611.99 1578.33 1541.85 1445.86	0.07
RIVER-1	Reach-2	81.56	Max WS	1607.05	108.22	118.05	113.62	118.09	0.000407	1.96	1771.49	1445.86	0.14
RIVER-1	Reach-2	81.55	i-lux iis	Bridge			225.02						
DTVCD 1	Reach-2	81.30	Max WS Max WS	1606.91	108.96 108.83	116.58 116.62		117.08 116.94	0.006357 0.001708	5.66 4.54	283.97 354.18	77.72 67.57	0.51 0.35
RIVER-1	Reach-2	80.95	Max WS	1606.91	108.83	116.62	113.47	116.94	0.001708	4.54	354.18	67.57	0.35
RIVER-1	Reach-2	80.94	14-14-14/6	Bridge	100 67	116 52		116 07	0.001000	1 61	246 02	69.20	0.26
RIVER-1	Reach-2	80.38 70.3840*	Max WS	1606.91	108.67	116.53		116.64	0.001889	3 28	1063.20	712.89	0.30
RTVFR-1	Reach-2	78.39	Max WS	1606.83	108.00	116.44		116.51	0.000539	2.92	1028.70	327.24	0.20
RIVER-1	Reach-2	77.6566*	Max WS	1606.82	107.80	116.44		116.47	0.000222	1.87	1748.12	556.58	0.13
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	82 81.56 81.55 81.30 80.95 80.94 80.38 79.3849* 78.39 77.6566* 76.9233* 76.19 75.86 75.85 75.40	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1606.80	108.67 108.33 108.00 107.80 107.60 107.40 107.22	116.53 116.53 116.44 116.44 116.43 116.40 116.19		116.87 116.64 116.51 116.47 116.45 116.44 116.36	0.001889 0.000812 0.000539 0.000222 0.000222 0.000345 0.000939	4.64 3.28 2.92 1.87 1.86 2.29 3.78	346.02 1063.20 1028.70 1748.12 1982.77 1799.71 794.03	68.29 712.89 327.24 556.58 785.94 1015.28 468.97	0.36 0.24 0.20 0.13 0.16 0.27
RIVER-1	Reach-2	76.19	Max WS	1606.64	107.40	116.40	112.80	116.44	0.000345	2.29	1/99./1	1015.28	0.16
RIVER-1	Reach-2	75.80 75.85	Max WS	Bridge	107.22	110.19	112.00	110.30	0.000939		794.03	400.37	0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	75.40	Max WS	1606.63	106.63	116.13		116.29	0.001076	3.64 1.91 1.19 1.14 1.13 3.07 3.23	748.31	468.97	0.27
RIVER-1	Reach-2	74.7*	MAX WS MAX WS	1606.60	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.68 107.40 107.20 107.00 106.81 106.62	116.13 116.16 116.16 116.15 116.04 115.89 115.72 115.50 115.30 115.02 114.82 114.65 114.50 114.35 114.21 114.11		116.29 116.20 116.17 116.15 116.15 116.05 115.92 115.75 115.53 115.31 115.07 114.88 114.72 114.55 114.40 114.15	0.001076 0.000343 0.000165 0.000122 0.000099 0.000862 0.001104 0.001523 0.001962 0.002260 0.002260 0.002786 0.001738 0.001738 0.001738 0.001636 0.001234 0.001012 0.000529 0.001020	1.91	748.31 1695.44 2699.38 3059.36 3405.74 1020.20 609.50 545.55 492.66 525.34 485.98 547.86 543.85 568.69 595.19 625.43 693.88 821.21 1204.45 973.17	468.97 1075.91 1642.62 1713.05 1802.75 566.77 105.22 97.98 91.86 138.19 136.19 182.51 215.31 248.26 292.05 320.22 291.59 402.06 498.59	0.27 0.16 0.11 0.09 0.23 0.23 0.27 0.30 0.32 0.36 0.34 0.34 0.34 0.34 0.29 0.26 0.27
RIVER-1	Reach-2	74 73.* 72 71.*	Max WS	1606.54	107.00	116.16		116.17	0.000165	1.19	2699.38	1642.62	0.11
RIVER-1	Reach-2	73.*	Max WS	1606.47	107.43	116.15		116.16	0.000122	1.14	3059.36	1/13.05	0.09
RIVER-1	Reach 2	72 71 *	Max WS	1056.45	107.00	116.14		116.15	0.000033	3 07	1020.74	566.77	0.00
RIVER-1 RIVER-1	Reach-2	70	Max WS	1956.61	107.03	115.89		116.05	0.001104	3.23	609.50	105.22	0.23
RIVER-1	Reach-2	69.*	Max WS	1956.60	107.35	115.72		115.92	0.001523	3.59	545.55	97.98	0.27
	Reach-2	68	Max WS	1956.36	107.68	115.50		115.75	0.001962	3.97	492.66	91.86	0.30
RIVER-1	Reach-2	67	Max WS	1956.22	107.40	115.30		115.55	0.002260	4.25	525.34	138.19	0.32
RIVER-I	Reach-2	65 *	Max WS	1955.74	107.40	113.02		115.31	0.002786	4.00	547.86	182.51	0.30
RTVER-1	Reach-2	69. * 68. * 67. 66. * 65. * 64. 63. *	Max WS	1954.93	107.20	114.65		114.88	0.001686	3.59 3.97 4.25 4.60 4.09 3.78 3.66 3.52 3.21 2.68 3.38	543.85	215.31	0.34
RIVER-1	Reach-2	63.*	Max WS	1957.64	106.81	114.50		114.72	0.001728	3.78	568.69	248.26	0.34
RIVER-1	Reach-2	62.*	Max WS	1960.29	106.62	114.35		114.55	0.001739	3.66	595.19	292.05	0.34
RIVER-1	Reach-2		Max WS	1962.58	106.43	114.21		114.40	0.001636	3.52	625.43	320.22	0.33
RIVER-1	Reach-2	60 59.*	Max WS	1965.40	106.43 106.24 106.07 105.90 107.05	114.11		114.20	0.001234	3.21	821 21	402.06	0.29
DTVED_1	Reach-2	4.0	Max WS	1975.00	105.90	113.98		114.06	0.000529	2.68	1204.45	498.59	0.20
RTVFR-1	Reach-2	57.2	Max WS	1980.33	107.05	113.89	111.44	114.02	0.001020	3.38	973.17	426.18	0.27
RIVER-1	Reach-2	57.19		Bridge									
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	57.2 57.19 56.9 56.*	Max WS	1981.51	107.05	113.82		113.96	0.001210	3.60 2.89 2.42 2.11 2.28 2.30 2.59	903.41	409.87	0.29
	Reach-2	56	Max WS	1986.46	105.90	113.75		113.86	0.000699	2.89 2.42	988.62 1178 NN	390.34 486 13	0.22 0.20
RIVER-1 RIVER-1	Reach-2	55." 54	Max WS	1990./8 1995 37	105.65 105.80	113.72		113.74	0.000334	2.11	1348.19	569.32	0.18
RIVER-1	Reach-2	53.*	Max WS	2007.17	105.70	113.61		113.67	0.000550	2.28	1217.37	414.25	0.18
RIVER-1	Reach-2	52	Max WS	2018.97	105.60	113.51		113.56	0.000684	2.30	1122.36	333.22	0.18
RIVER-1	Reach-2	51.*	Max WS	2024.70	105.57	113.42		113.49	0.001210 0.000699 0.000554 0.000470 0.000550 0.000684 0.000814	2.59	1062.93	409.87 396.54 486.13 569.32 414.25 333.22 322.94 312.99	0.20
RIVER-1	Reach-2 Reach-2	53.* 53.* 52 51.* 50.* 49.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	1405.58 1399.47 1393.67 1387.468 1587.19 1584.53 1577.32 1571.24 1568.674 1568.74 1569.27 1571.85 1577.85 1577.85 1577.85 1577.55 1579.38 1581.57 1582.13 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1607.06 1606.91 1606.82 1606.82 1606.83 1606.84 1606.85 1606.64 1606.65 1606.65 1606.65 1606.70 1606.70 1606.70 1606.83 1606.83 1606.83 1606.83 1606.84 1606.85 1606.85 1606.87 1606.87 1606.91 1606	107.05 105.90 105.85 105.80 105.70 105.60 105.57 105.54 105.50	113.82 113.75 113.75 113.69 113.61 113.51 113.42 113.32 113.21 113.09		113.96 113.86 113.80 113.74 113.67 113.56 113.49 113.40 113.31	0.000929 0.001007 0.001015	2.60	903.41 988.62 1178.00 1348.19 1217.37 1122.36 1062.93 1012.12 971.83	312.99 304.21	0.29 0.22 0.20 0.18 0.18 0.20 0.23 0.25
RIVER-1 RIVER-1	Reach-2	49.7 48	MAX WS	2030.10 2041 77	105.30	113.09		113.21	0.001015	3.14 3.48	942.06	297.43	0.27
VIAEK-T	NEACH-2	טד	Max W3	2072.77	1031-17	113.03			3.002020	2			

						100	reek.rep						
RIVER-1	Reach-2	47.*	Max WS	2047.42	105.68	113.01	reek rep	113.11	0.000941	3.25	1029.60	331.58	0.26
RIVER-1	Reach-2	46.*	Max WS	2053.05	105.88	112.93		113.01	0.000804	2.98	1139.70	380.04	0.24
RIVER-1	Reach-2	45.*	Max WS	2058.93	106.08	112.87		112.93	0.000636	2.71	1278.93	408.33	0.21
RIVER-1	Reach-2	44	Max WS	2064.55	106.29	112.82		112.87	0.000477	2.45	1442.96	434.98	0.19
RIVER-1	Reach-2	43.*	Max WS	2070.01	106.30	112.77		112.83	0.000503	2.55	1386.22	430.54	$0.19 \\ 0.19$
RIVER-1	Reach-2	42.*	Max WS	2075.25	106.31	112.72		112.78	0.000530	2.63	1336.93	426.31	0.20
RIVER-1	Reach-2	41.*	Max WS	2080.70	106.32	112.66		112.73	0.000557	2.69	1294.30	422.24	0.20
RIVER-1	Reach-2	40	Max WS	2085.95	106.33	112.60		112.67	0.000582	2.74	1259.23	418.42	0.20 0.21
RIVER-1	Reach-2	39.*	Max WS	2003.33	106.17	112.56		112.62	0.000476	2.50	1408.55	462.47	0.21
RIVER-1	Reach-2	38.*	Max WS	2085.93 2085.90	106.01	112.53		112.57	0.000365	2.20	1607.32	498.80	0.19 0.17
RIVER-1	Reach-2	37.*	Max WS	2085.87	105.84	112.51		112.53	0.000262	1.88	1844.18	517.25	0.14
RIVER-1	Reach-2	36	Max WS	2085.84	105.68	112.47		112.51	0.000325	2.11	1704.07	526.29	0.16
RIVER-1	Reach-2	35.22	Max WS	2085.82	104.52	112.12		112.57	0.002382	5.34	390.96	75.05	0.41
RIVER-1	Reach-2	34.82	Max WS	2085.82	104.52	112.00	109.26	112.47	0.002540	5.46	382.08	74.37	0.42
RIVER-1	Reach-2	34.81	Max 115	Bridge	101131	111100	205120		. 0.0025.0	3110	302.00	,	*****
RIVER-1	Reach-2	34.34	Max WS	Bridge 2085.78	104.30	111.18		112.12	0.007709	7.82	266.77	69.58	0.70
RIVER-1	Reach-2	33.67*	Max WS	2085.65	104.12	111.10		111.71	0.004341	6.23	334.60	80.31	0.70 0.54
RIVER-1	Reach-2	33	Max WS	2085.72	103.93	111.26		111.43	0.001223	3.73	958.51	642.88	0.29
RIVER-1	Reach-2	32.*	Max WS	2085.69	103.40	111.13		111.28	0.001210	3.42	1001.65	715.94	0.29
RIVER-1	Reach-2	31.*	Max WS	2085.64	102.88	110.97		111.12	0.001622	3.45	960.68	783.13	0.29 0.29 0.32 0.46 0.48
RIVER-1	Reach-2	30	Max WS	2085.46	102.35	110.62		110.85	0.003766	4.18	827.31	1199.26	0.46
RIVER-1	Reach-2	29.*	Max WS	2085.25	102.34	110.26		110.51	0.003912	4.43	811.03	1039.49	0.48
RIVER-1	Reach-2	28.*	Max WS	2084.98 2084.76	102.33	109.96		110.18	0.003491	4.40	902.89	1031.99	0.46 0.40
RIVER-1	Reach-2	27.*	Max WS	2084.76	102.33 102.32	109.73		109.88	0.002563	4.00	1107.35	1049.92	0.40
RIVER-1	Reach-2	26	Max WS	2084.52	102.32	109.59		109.67	0.001595	3.34 3.63	1437.67	1134.83	0.31 0.35 0.39 0.36
RIVER-1	Reach-2	25.*	Max WS	2084.39	101.99	109.45		109.54 109.37	0.002045	3.63	1378.97	1271.55	0.35
RIVER-1	Reach-2	24.*	Max WS	2084.01	101.66	109.26		109.37	0.002587	3.86	1288.08	1358.53	0.39
RIVER-1	Reach-2	23.*	Max WS	2083.73	101.33	109.09		109.17	0.002281	3.42	1319.91	1165.50	0.36
RIVER-1	Reach-2	22	Max WS	2083.44	101.00	108.95 108.79		109.00	0.001818	2.91	1487.50	1245.50	0.32 0.33
RIVER-1	Reach-2	21.*	Max WS	2083.15	101.27	108.79		108.85	0.002002	3.09	1456.55	1289.68	0.33 0.36
RIVER-1	Reach-2	20.*	Max WS	2082.84	101.54	108.62		108.68	0.002301	3.33	1416.48	1361.81	0.36
RIVER-1	Reach-2	19.*	Max WS	2081.95	101.82	108.42		108.50	0.002838	3.67	1384.26	1466.91 1516.51	0.40 0.42 0.34
RIVER-1	Reach-2	18	Max WS	2081.13	102.09	108.22		108.29	0.003212	3.81 2.89	1379.03 1505.06	1272.35	0.42
RIVER-1	Reach-2	17.*	Max WS	2080.17	101.97	108.02		108.06	0.002121	2.89	1303.00	1264.08	0.34
RIVER-1	Reach-2	16.*	Max WS	2079.36	101.85	107.88		107.91	0.001397	2.31	1724.28	1262.24	0.27
RIVER-1	Reach-2	15.*	Max WS	2078.51	101.73	107.79		107.81	0.000858	1.83 1.48	2012.75 2340.87	1262.24	0.21
RIVER-1	Reach-2	14	Max WS	2077.96	101.61	107.74		107.75	0.000528 0.000441	1.48	2479.27	1266.71	0.17
RIVER-1	Reach-2	13.*	Max WS	2077.70	101.43 101.26	107.70 107.67		107.71 107.68	0.000364	1.29	2618.56	1200.90	0.15 0.14
RIVER-1	Reach-2	12.*	Max WS	2077.45 2077.65	101.26	107.65		107.66	0.000302	1.24	2765.28	1259.62 1251.20	0.14
RIVER-1	Reach-2	11.* 10	Max WS Max WS	2077.03	101.08	107.63		107.64	0.000302	1.18	2904.01	1239.47	0.13 0.12
RIVER-1	Reach-2 Reach-2	9.*	Max WS Max WS	2077.23	100.75	107.59		107.61	0.000420	1.54	2472.10	1341.57	0.15
RIVER-1	Reach-2	9." 8.*	Max WS Max WS	2077.20	100.73	107.54		107.56	0.000702	2.15	2106.05	1490.96	0.15 0.20
RIVER-1 RIVER-1	Reach-2	7.*	Max WS Max WS	2076.95	100.45	107.45		107.48	0.000702	2.67	1804.58	1376.17	0.24
RIVER-1	Reach-2	6	Max WS	2076.82	100.30	107.30		107.38	0.001723	3.69	1530.59	1438.49	0.24 0.33
RIVER-1	Reach-2	5.*	Max WS	2076.47	100.15	107.14		107.22	0.001675	3.71	1570.93	1545.89	0.33
RIVER-1	Reach-2	4.*	Max WS	2076.22	100.00	106.99		107.07	0.001634	3.71	1650.41	1722.16	0.33 0.32
RIVER-1	Reach-2	3.*	Max WS	2075.97	99.85	106.86		106.93	0.001406	3.48	1938.44	2228.42	0.30
RIVER-1	Reach-2	2.	Max WS	2075.81	99.70	106.78		106.81	0.000862	2.76	2360.09	2337.30	0.24
RIVER-1	Reach-2	1.*	Max WS	2075.69	99.55	106.67		106.74	0.001342	3.52	1959.71	2335.85	0.30
RIVER-1	Reach-2	ō.	Max WS	2075.63	99.40	106.52	106.18	106.64	0.001805	4.13	1571.73	2139.80	0.34
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Appendix P-5: HEC-RAS Results, Baseline Conditions Model, 10-Year, 24-Hour Storm

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	Х	xxxxxx	XX	xx		XX	XX	>	X	xxxx
X	X	X	Х	X		X	Х	X	Х	X
Х	Х	X	Х			Х	Х	Х	Х	X
XXX	XXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
X	X	X	X			Х	X	Х	Х	X
Х	Х	X	Х	X		Х	Х	Х	X	X
X	X	XXXXXX	XX	XX		X	X	X	Х	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 11:40:13 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2	Reach-1 Reach-1	11900 11850.* 11800 11750.* 11700 11650.* 11600 11550.* 11500.* 11400 11350.* 11300.* 11250.* 11250.* 11200.* 11000 11050.* 11000 1005.* 10000.* 10000.* 10000.* 10000.*	MAX WS MAX WS	318.10 317.18 317.18 317.17 317.15 316.26 316.26 314.50 315.36 315.35 315.35 314.50 314.40 314.43 314.34				(ft) 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	(ft/ft) 0.000028 0.000011 0.000011 0.000011 0.000011 0.000011 0.000011 0.000011 0.000010 0.000007 0.000005 0.000003 0.000003 0.000003 0.000001 0.000001 0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	(ft/s) 0.30 0.30 0.20 0.21 0.22 0.22 0.22 0.19 0.18 0.17 0.15 0.14 0.13 0.12 0.11 0.09 0.09 0.06 0.05 0.05 0.04 0.04 0.04	(sq ft) 1053.98 1071.62 1567.27 1530.12 1562.08 1476.20 1426.17 1440.70 1450.46 1541.01 1642.67 1720.82 1889.63 2068.50 2260.05 2475.19 2688.48 2893.23 3156.66 3544.63 4062.98 4656.72 5300.80 5881.47 6425.27 6934.94 7425.21 7920.65 7404.55 7607.02	296.98 314.59 412.19 400.13 376.83 331.19 337.28 338.65 374.30 403.12 407.18 478.49 498.27 533.88 544.86 574.08 584.17 785.23 882.60 981.91 1052.67 1129.89 965.93 856.56	0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	10150 10100.* 10050 10000.* 9950	MAX WS MAX WS MAX WS MAX WS MAX WS	314.17 314.67 314.15 314.13 314.10	150.00 150.00 150.00 150.00 150.00	162.25 162.25 162.25 162.25 162.25		162.25 162.25 162.25 162.25 162.25	0.000000 0.000000 0.000000 0.000000	0.05 0.05 0.05 0.05	6583.04 6356.18 6613.16 6884.85	847.82 775.23 795.07 815.03	0.00 0.00 0.00 0.00

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	al. 4	0000 #		214.07	150.00	KiteC	reek.rep	162 25	0.000000	0.04	7520 40	1020 50	0.00
RIVER-2	Reach-1	9900.*	Max WS	314.07 313.60 314.04	150.00 150.00 150.00	162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25		162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	0.000000 0.000000 0.000000	0.04	7538.18 8149.41	1039.59 1201.12 1391.53 1456.41 1495.74 1534.90 1678.72 1729.97 1761.69 1776.63	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9850 9800.*	Max WS Max WS	313.00	150.00	162.23		162.25	0.000000	0.04 0.04	7946.07	1201.12	0.00
RIVER-2	Reach-1	9750	May MS	317.04	150.00	162.23		162.25	0.000000	0.04	7940.07 8242 18	1391.33	0.00
PTVFP-2	Peach-1	9675 *	Max WS Max WS Max WS Max WS	313.95	149 36	162.25		162.25	0.000000	0.04	8242.18 8938.59 9722.62 11983.13 14412.61	1495.41	0.00
RIVER-2	Reach-1	9600	Max WS	314.29	149.36 148.73 148.36 148.00	162 25		162.25	0.000000	0.03	9722 62	1534 90	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9550.*	Max WS	313.92	148.36	162.25		162.25	0.000000	0.03	11983.13	1678.72	0.00
RIVER-2	Reach-1	9500	Max WS	313.88	148.00	162.25		162.25	0.000000	0.03 0.02	14412.61	1729.97	0.00
RIVER-2	Reach-1	9450.*	Max WS	313.83	147.00	162.25		162.25	0.000000	0.02	15411.87	1761.69	0.00
RIVER-2	Reach-1	9400	Max WS	313.54	146.00	162.25		162.25	0.000000	0.02	16748.33	1776.63	0.00
RIVER-2	Reach-1	9350.*	Max WS	313.75	145.51	162.25		162.25	0.000000	0.02	16193.90	1704.95	0.00
RIVER-2	Reach-1	9300	Max WS	313.71	145.51 145.02 144.51	162.25		162.25	0.000000	0.02	15520.29	1608.95	0.00
RIVER-2	Reach-1	9200.*	Max WS	313.66	144.51	162.25		162.25	0.000000	0.02	14492.15	1432.17	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9675.* 9600 9550.* 9500 9450.* 9400 9350.* 9300 9200.* 9100 9050.* 9000 8900.* 8800 8700.*	Max WS Max WS Max WS Max WS Max WS	313.99 313.95 314.29 313.82 313.83 313.54 313.75 313.71 313.60 313.61 313.50 313.61 313.52 313.52	144.00 144.00	162.25		162.25	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.02 0.02	15411.87 16748.33 16193.90 15520.29 14492.15 13415.52 13005.73 12674.67 13031.26 13247.20 12461.84	1776.63 1704.95 1608.95 1432.17 1249.52 1127.96 1022.80 995.69 950.91 980.52	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RTVFR-2	Reach-1	9000	May WS	313.01	144 00	162.25		162.25	0.000000	0.02	12674 67	1022 80	0.00
RTVER-2	Reach-1	8900.*	Max WS	313.61	143.08	162.25		162.25	0.000000	0.02	13031 26	995 69	0.00
RIVER-2	Reach-1	8800	Max WS	313.52	142.16	162.25		162.25	0.000000	0.02	13247.20	950.91	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	8700.*	Max WS Max WS Max WS	313.50	143.08 142.16 143.70	162.25		162.25	0.000000	0.03	12461.84	980.52	0.00
KTAFK-7	Reach-1	8600	Max WS	313.48	145.24	162.25	145.80	162.25	0.000000	0.03	11936.12	988.38	0.00
RIVER-2	Reach-1	8500		Inl Struct									
RIVER-2	Reach-1	8450	Max WS	313.47	140.56	152.52		152.64	0.003337	2.76 2.91 2.92 2.93 2.94	113.40 108.09 108.28 108.41 108.47	29.32 28.78 29.01 29.28 29.56	0.25 0.26 0.27 0.27 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	8350	Max WS Max WS	314.81	140.09	152.13		152.26	0.004218	2.91	108.09	28.78	0.26
KTAFK-7	Reach-1	8230.*	Max WS	310.14 317.40	139.00	151.72		151.85	0.004237	2.92	108.28	29.01	0.27
RIVER-2 RIVER-2	Reach-1	8050 *	Max WS	317.40 318.82	140.09 139.60 139.11 138.62	151.30		151.45	0.004261	2.93	100.41	29.20	0.27
RIVER-2	Reach-1	7950 *	Max WS	320.02	138.02	150.67		150 57	0.004343	2.95	108.47	29.87	0.27
RIVER-2	Reach-1	7850.*	Max WS	321.50	138.13 137.64	149.99		150.13	0.004520	2.96	108.55	30.43	0.28
RTVFR-2	Reach-1	7750.*	Max WS	322.84	137 15	149.54		149.67	0.004678	2.98	108.51	31.29 32.15 32.38	0.28
RIVER-2 RIVER-2	Reach-1	7650.*	Max WS	324.19	136.66 136.17 135.68	149.06		149.20	0.004847	2.99	108.42	32.15	0.29
RIVER-2	Reach-1	7550.*	Max WS	325.53	136.17	148.58		148.72	0.004919	3.00	108.45	32.38	0.29
RIVER-2	Reach-1	7450.*	Max WS	326.88	135.68	148.08		148.23	0.005002	3.02	108.36	32.52 32.57	0.29
RIVER-2	Reach-1	7350.*	Max WS	328.23	135.19	147.58		147.73	0.005081	3.03	108.49 108.55 108.51 108.42 108.45 108.36 108.23 108.23	32.57	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	8350 8250.* 8150.* 8050.* 7950.* 7850.* 7650.* 7650.* 7350.* 7350.* 7050.* 6950.* 6650.* 6650.* 6650.* 6650.* 6650.* 6550.* 6466.66* 6383.33* 6300 6250 6100.* 5900.* 5900.* 5900.*	Max WS Max WS	329.38	135.08 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76	147.07		147.22	0.003337 0.004218 0.004237 0.004281 0.004343 0.004418 0.004520 0.004678 0.004919 0.005002 0.005002 0.005236 0.005236 0.005236 0.005236 0.005426 0.006077 0.006820 0.006820 0.008997 0.008335 0.005421 0.003198 0.005423 0.005423	3.05 3.07	100.10	32.54	0.29 0.29 0.29 0.29 0.30 0.30 0.31 0.31 0.31 0.34 0.29 0.34 0.39 0.34 0.39 0.34 0.39 0.34 0.39 0.34 0.39 0.34
DTVER-2	Peach-1	7050 *	Max WS	330.34	134.21	146.30		146.71	0.005230	3.09	107.62	32.33	0.30
RTVFR-2	Reach-1	6950.*	Max WS	333.65	133.23	145.50		145.65	0.005487	3.13	106.66	31.90	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1	6850.*	Max WS	335.01	132.74	144.95		145.10	0.005696	3.17 3.25	105.52	31.49	0.31
RIVER-2	Reach-1	6750.*	Max WS	336.36	132.25	144.36		144.53	0.006077	3.25	103.42	30.92	0.31
DTVFD-7	Reach-1	6650.*	Max WS	337.73	131.76	143.72		143.90	0.006820	3.39	107.82 107.44 106.66 105.52 103.42 99.67 90.97 91.40 104.53 111.40 96.31 82.63 97.21	32.39 32.20 31.90 31.49 30.92 30.15 28.76 31.66 31.77 29.07 23.37 29.22 35.22	0.33
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	6550	Max WS	339.09	131.27 132.84 134.40 135.97	142.90		143.12	0.008997	3.73 3.72	90.97	28.76	0.37
RIVER-2	Reach-1	6466.66*	Max WS	340.23	132.84	142.19		142.40	0.008335	3.72	91.40	31.00 27.16	0.39
NIVER-2	Reach-1	6300	Max WS	341.30	134.40	141.07		141.63	0.003421	3.27 3.07 3.56 4.16	111 40	37.10	0.34
RIVER-2	Reach-1	6250	Max WS	343.19	136.00	141.09		141.28	0.004683	3.56	96.31	29.07	0.34
RIVER-2	Reach-1	6200	Max WS	343.88	135.00	140.74		141.01	0.006323	4.16	82.63	23.37	0.39
RTVFR-2	Reach-1	6100.*	Max WS	345.25	134 75	140.27		140.46	0.004705	3.55	97.21	29.22	0.34
RIVER-2	Reach-1 Reach-1	6000.*	Max WS	346.62	134.50 134.25 134.00 133.75	139.88		140.03	0.003940	3 16	100 67	35.22	0.32
RIVER-2	Reach-1	5900.*	Max WS	348.00	134.25	139.53		139.66	0.003597	2.91 2.77 2.74 2.90	119.68 126.30 127.98 121.50 98.39	41.25	0.30
RIVER-2	Reach-1	5800.*	Max WS	349.38	134.00	139.18		139.30	0.0035//	2.//	126.30	47.14 52.37	0.30
RIVER-2	Reach-1	5/00.*	Max WS	350.76	133./5	138.81		138.93	0.003940	2.74	127.98	52.37 55.34	0.31
RIVER-2 RIVER-2	Reach-1	5600.*	Max WS	323.20	133.50 133.25	130.30		130.49	0.003004	3.59	98 39	46.34	0.34
RIVER-2	Reach-1	5400	May WS	354.88	122 00	135 90		136.46	0.020685	6.00	59.16	25.45	0.69
RIVER-2 RIVER-2	Reach-1	5304.54*	Max WS	356.20	132.73	134.91		135.08	0.007893	3.33	59.16 107.01	56.53	0.43
RIVER-2	Reach-1	5209.09*	Max WS	357.52	132.45	134.38		134.47	0.005273	2.47	144.55		0.34
RIVER-2	Reach-1	5113.63*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	358.84	132.73 132.45 132.18 131.91 131.64	133.96		134.03	0.004341	2.06	107.01 144.55 173.94 196.37 214.33 229.92 242.82	121.64	0.30
RIVER-2	Reach-1	5018 18*	Max WS	360.16	131.91	133.59		133.64	0.004027	1.83 1.69	196.37	155.06	0.29
RIVER-2	Reach-1	4922.72*		361.48	131.64	133.25		133.30	0.003901	1.69	Z14.33	187.59 210 47	0.28 0.27 0.27
RIVER-2	Reach-1	482/.2/*	Max WS	362.80	131.36 131.09	132.94		132.98 132.67	0.003829	1.58 1.50	249.92 242.82	213.47	0.27
RIVER-2 RIVER-2	Reach-1	4/31.81" 4636 36*	Max WS Max WS Max WS Max WS	365 42	130.82	132.03		132.07	0.003666	1.45	252.04	292.14	0.28
RIVER-2	Reach-1	4540.90*	Max WS	366.74	130.82 130.55 130.27	132.03		132.06	0.004553	1.41	260.22	335.61	0.28 0.28 0.28
RTVFR-2	Reach-1	4445.45*	May MS	368.05	130.27	131.75		131.78	0.004502	1.31	281.33	402.40	0.28
RIVER-2	Reach-1	4350	Max WS	369.37	130.00	131.20		131.26	0.016999	1.91	193.37	424.78	0.50
RIVER-2	Reach-1	4260.*	Max WS	370.50	120 40	130.58		130.63	0.013868	1.81	252.04 260.22 281.33 193.37 205.36 206.54	423.44	0.46
RIVER-2	Reach-1 Reach-1	5400 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45* 4350 4260.* 4170.* 4080.* 3990.*	Max WS Max WS Max WS Max WS	Inl Struct 313.47 314.81 316.14 317.48 318.82 320.15 321.50 321.50 322.84 324.19 325.53 326.88 328.23 329.58 330.94 332.29 333.094 332.29 333.01 336.365 335.01 336.365 335.01 336.365 343.19 340.23 341.36 342.50 343.19 343.19 343.19 343.19 345.25 346.62 347.73 357.52 358.84 360.16 361.48 362.43 365.48 364.12 365.48 366.74 368.05 369.37 371.63 372.76 373.89	128.80 128.20 127.60	152.52 152.13 151.72 151.30 150.87 150.44 149.99 149.96 148.58 147.58 147.58 147.58 144.36 144.36 143.72 144.37 144.36 143.72 144.39 144.39 144.39 144.39 144.39 144.39 143.88 139.88 13		152.64 152.26 151.85 151.43 151.01 150.57 150.13 149.20 148.72 148.73 147.73 147.73 147.73 147.22 146.18 145.65 144.53 143.90 144.53 141.83 141.83 141.83 141.48 141.28 141.49 139.30 138.93 138.49 137.84 136.46 135.08 137.84 137.84 137.84 138.93 138.93 138.93 138.93 138.93 138.93 138.93 138.93 138.93 139.30	0.003940 0.003597 0.003597 0.003540 0.005064 0.008208 0.020685 0.007893 0.005273 0.004341 0.004027 0.003901 0.003829 0.003888 0.004182 0.004503 0.004503 0.013868 0.013212 0.008512	1.80	206.54	88.83 121.64 155.06 187.59 219.47 253.23 292.14 335.61 402.40 424.78 423.44 410.67	0.46 0.45 0.37 0.27
RIVER-2	Reach-1	4080.*	Max WS	3/2.76	128.20	129.62		129.66	0.008512	1.55 1.24	241.01 302.26	432.28 472.87	0.37 0.27
RIVER-2	Reach-1	3990.*	Max WS	3/3.89	127.60	129.38		129.40	0.004550	1.24	302.20	4/2.0/	0.27

DTVED 2	Ponch-1	3000	Max WS	275 01	127.00	KiteCreek.rep	120 19	0.003511	1 12	331 03	/01 10	0.24
RIVER-2 RIVER-2	Reach-1	3900 3800.* 3700.* 3600.* 3400.* 3400.* 3100.* 3100.* 2900 2812.5* 2725.* 2637.5* 2550.* 2462.5* 2375 2279.16* 2183.33* 2087.5* 1991.66* 1895.83*	Max WS	375.01 376.44 377.87 379.29 380.72 382.14 383.54	126 70	129.16 128.88 128.60 128.32 128.05 127.78 127.51 127.51 126.99 126.74 126.51 126.31 126.03 125.70 125.42 125.18 124.61 124.61 124.491 124.61 124.37 124.15 123.88 123.62 123.43 123.26 123.43 123.26 122.18 121.21 120.86 122.18 121.85 121.55 121.21 120.86 120.14 119.77 119.44	128.90	0.003511 0.003855 0.004351 0.004837 0.004351 0.004426 0.004426 0.004426 0.004111 0.003935 0.003637 0.005814 0.006225 0.004837 0.005814 0.006225 0.00485 0.004155 0.004020 0.003629 0.004020 0.004020 0.004020 0.004020 0.004020 0.004020	1.13 1.17 1.22	331.93 321.47	491.10 483.44 475.20	0.24 0.25 0.27 0.28 0.28 0.27 0.27
RIVER-2	Reach-1 Reach-1	3700.*	Max WS	377.87	126.40	128.60	128.62	0.004351	1.22	308.57	475.20	0.27
RIVER-2	Reach-1	3600.*	Max WS	379.29	126 10	128.32	128.35	0.004837	1.27	297.57	467.22	0.28
RIVER-2	Reach-1 Reach-1	3500.*	Max WS	380.72	125.80 125.50 125.20	128.05	128.08	0.004585	1.30	292.22 289.05	426.47	0.28
RIVER-2	Reach-1	3400.*	Max WS	382.14	125.50	127.78	127.81	0.004426	1.32 1.33	289.05	426.47 401.92	0.27
DTVED_2	Reach-1	3300.*	Max WS	383.54	125.20	127.51	127.54	0.004262	1.33	287.59		0.27
RIVER-2	Reach-1	3200.*	Max WS	384.94	12/LQN	127.25	127.28	0.004111	1.34	287.48	371.01	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	3100.*	Max WS	386.34	124.60	126.99	127.02	0.003935	1.33	290.69	367.12	0.26
RIVER-2	Reach-1	3000.*	Max WS	387.74	124.30	126.74	126.77	0.003670	1.30	298.41	369.92	0.25
RIVER-2	Reach-1	2900	Max WS	389.14	124.00	120.31	126.54	0.003223	1.22	318.13	391.85	0.24
RIVER-2 RIVER-2	Reach-1	2775 *	Max WS	390.30	124.60 124.30 124.00 123.52 123.03	126.31	126.33	0.003332	1.22 1.17 1.21	333.12	440.00	0.24
RIVER-2	Reach-1	2637 5*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	392.62		125 70	125.03	0.004107	1.34	290.469 298.41 318.13 333.12 322.78 292.58	367.12 367.12 369.92 391.85 448.60 489.88 487.95	0.31
RIVER-2 RIVER-2	Reach-1	2550.*	Max WS	393.76	122.07 121.58 121.10	125.42	125.45	0.006225	1.37 1.29 1.28	287.40 305.71 309.06 299.82 317.01	488.91	0.31
RIVER-2	Reach-1	2462.5*	Max WS	394.91	121.58	125.18	125.21	0.004885	1.29	305.71	473.54	0.28
RTVFR-2	Reach-1	2375	Max WS	396.05	121.10	124.91	124.94	0.004155	1.28	309.06	428.86	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2279.16*	Max WS	397.30	121.07	124.61	124.64	0.005007	1.33	299.82	455.24	0.29
RIVER-2	Reach-1	2183.33*	Max WS	398.55	121.03	124.37	124.39	0.004915	1.26	317.01	513.92	0.28
RIVER-2	Reach-1	2087.5*	Max WS	399.79	121.00	124.15	124.17	0.003778	1.15	347.49	528.34	0.25
RIVER-2	Reach-1	1991.66*	Max WS	401.04	120.97 120.93	123.88	123.90	0.003629	1.13	334.13	555.02	0.23
RIVER-2	Reach 1	1093.03*	Max WS Max WS	402.27	120.93	123.02	123.03	0.003612	1.13	400 83	551.92 551.70	0.24
RIVER-2 RIVER-2	Reach-1	1705 *	Max WS Max WS	403.30	120.43	123 26	123.28	0.002350	1.13 1.01 1.01 1.05	347.49 347.49 354.15 356.06 400.83 402.45 387.09	488.91 473.54 428.86 455.24 513.92 528.34 535.02 537.92 551.79 524.45 495.07	0.20
RIVER-2	Reach-1	1610.*	Max WS	405.94	119.95	123.06	123.08	0.002494	1.05	387.09	495.07	0.21
RIVER-2	Reach-1	1515.*	Max WS Max WS	407.16	119.47	122.80	122.82	0.003160	1 15	355.55		0.23
RIVER-2	Reach-1 Reach-1	1800 1705.* 1610.* 1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384*	Max WS	408.37	119.00 118.62	122.51	122.53	0.003829	1.27 1.26 1.27	355.55 326.31 328.92	456.59 461.75 464.55 468.50 480.05	0.26 0.24 0.24 0.24 0.31 0.31 0.27 0.29 0.25 0.25 0.24 0.21 0.20 0.23 0.26 0.26
RIVER-2	Reach-1	1324.61*	Max WS	408.36	118.62	122.18	122.20	0.003773	1.26	328.92	461.75	0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	1229.23*	Max WS Max WS Max WS Max WS Max WS	408.34	118.23 117.85 117.46	121.85	121.87	0.004002	1.27	324.44	464.55	0.26
RIVER-2	Reach-1	1133.84*	Max WS	408.31	117.85	121.55	121.57	0.004061	1.27 1.35	323.47	468.50	0.26
RIVER-2 RIVER-2	Reach-1	1038.40*	Max WS	408.29	117.40	121.21	121.24	0.004020	1.44	297 14	430.03	0.27
RIVER-2	Peach-1	943.076" 847 602*	Max WS	408.20	117.08 116.69	120.80	120.65	0.004422	1.51	286 10	362.97	0.27
RIVER-2	Reach-1	752 307*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	408.23	116.31	120.14	120.17	0.004039	1.62	328.92 324.44 325.47 315.06 297.14 286.10 268.66 253.84 246.80	432.49 362.97 311.75 283.94 258.08	0.28 0.27 0.29 0.29 0.27 0.27 0.27 0.42 0.47 0.50 0.50 0.32 0.30 0.30
RIVER-2 RIVER-2	Reach-1	656.923*	Max WS	408.22	115 02	119.77	119.81	0.004386	1.72	253.84	283.94	0.29
RIVER-2	Reach-1	561.538*	Max WS	408.21	115.54 115.15 114.77	119.44	119.48	0.004292	1.77	246.80	258.08	0.29
RIVER-2	Reach-1	466.153*	Max WS	408.19	115.15	119.14	119.19	0.003892	1.79	244.76	234.25 206.34 152.96	0.28
RIVER-2	Reach-1	370.769*	Max WS	408.08	114.77	118.86	118.91	0.003449	1.81	241.89	206.34	0.27
RIVER-2	Reach-1	275.384*	Max WS	407.20	114.38	118.59	118.64	0.003297	1.91 2.08	166 20	152.90	0.27
RIVER-2	Reach 1	180	Max WS	340.24 70.00	114.00 169.00	110.2U 170.33	170.27	0.005039	2.00	44 35	111 62	0.26
RIVER-2 RIVER-2 RIVER-1 RIVER-1	Peach-1	326 325.5* 325.* 324.5*	Max WS	78.09 78.90	168.75	170.33	170.18	0.003034	2.44 2.26	244.76 241.89 221.62 166.20 44.35 50.84 54.66 54.57 62.76 33.96 24.63 88.71 100.20 82.58 88.61 54.52 59.76 75.74	99.06 111.62 125.29	0.42
RIVER-I	Reach-1	325.*	Max WS	90.74	168.75 168.50	169.85	169.93	0.005466	2.52	54.66	73// 02	0.47
RIVER-1	Reach-1	324.5*	Max WS	93.76	168.25	169.57	169.65	0.006449	2 68	54.57	143.93	0.51
RIVER-1 RIVER-1 RIVER-1	Reach-1	324	Max WS Max WS	93.54	168.00	169.28	169.35	0.006127	2.58 3.20 3.83	62.76	143.93 175.83 64.92 22.21	0.50
RIVER-1	Reach-1	323.*	Max WS	93.94	167.02	168.69	168.85	0.006800	3.20	33.96	64.92	0.54
RIVER-I	Reach-1	322	Max WS Max WS	94.32	166.04	167.87	168.10	0.009544	2.83	24.63 00 71	243.06	0.64
RIVER-1	Reach-1	320 319.*		107.15	166.00 166.00	107.30	107.44 167.21	0.003372	1.44	100.71	347.39	0.30
RIVER-1 RIVER-1 RIVER-1	Peach-1	318	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	107.10	166 00	166 96	166.99	0.002333	1 30	82.58	165.25	0.32
RTVER-1	Reach-1	317.*	Max WS	107.71	165.50 165.00 164.50 164.00 163.50	166.70	166.72	0.002549	1.22	88.61	165.25 169.83	0.30
RIVER-1	Reach-1	316	Max WS	108.28	165.00	166.18	166.24	0.007208	1.99	54.52	109.03 116.34	0.50
RIVER-1	Reach-1	316 315.*	Max WS	110.08	164.50	165.54	165.59	0.005978	1.84	59.76	116.34	0.45
PTVFP-1	Reach-1	314	Max WS	111.94	164.00	165.12	165.16	0.002564	1.66	75.74	222.06	0.32
RIVER-1	Reach-1	313.*	Max WS	112.92	163.50	164.78	164.85	0.004286	2.18 1.84	116 47	209.23	0.42
RIVER-1 RIVER-1 RIVER-1	Reach-1	312 311.*	Max WS	114.09	163.00 162.50	164.48	164.51	0.003163	3.04	62 12	340.96 198.68	0.30
KIVER-I	Reacn-1	311."	Max WS	113.41	162.30	163.92	163 51	0.003364	1.77	105.38	220.65 49.32	0.31
RIVER-1 RIVER-1	Peach-1	310 309.*	Max WS	117.86	161 26	162.95	163.09	0.008936	3.01	39.20	49.32	0.59
RTVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	308	Max WS	384 . 94 386 . 34 387 . 74 389 . 14 390 . 30 391 . 47 392 . 62 393 . 76 394 . 91 396 . 05 397 . 30 398 . 55 399 . 70 401 . 72 403 . 50 404 . 72 405 . 94 407 . 16 408 . 29 408 . 23 408 . 23 408 . 23 408 . 23 408 . 24 408 . 29 408 . 29 408 . 21 408 . 29 408 . 21 408 . 29 408 . 21 408 . 29 408 . 21 408 . 29 107 . 15 107 . 18 107 . 25 119 . 55 120 . 17 121 . 43 122 . 02 122 . 78 123 . 80	162.00 161.26 160.51 159.76	167.38 167.18 166.96 166.70 166.18 165.54 165.12 164.78 164.48 163.92 163.47 162.95 162.52 162.32 161.93 161.40 161.08 160.90 160.78	162.55	0.001426	1.45	64.58 116.47 62.12 105.38 39.20 110.70	156.68	0.36 0.61 0.31 0.59 0.25 0.36 0.50
RIVER-1	Reach-1	308 307.*	Max WS	119.55	159.76	162.32	162.38	0.003017	2.11	63.45	91.91	0.36
RIVER-1 RIVER-1 RIVER-1	Reach-1	306	Max WS Max WS Max WS Max WS Max WS	120.17	159.00	161.93	162.05	0.006182	2.81	42.78	44.42	0.50
KIAFK-T	Reach-1	305.*	Max WS	121.43	159.00	161.40	161.50	0.005331	2.49	48.69	54.85	0.4/
RIVER-1	Reach-1	304	Max WS	122.02	159.00	161.08	161.14	0.002887	1.86	//.ZI	370.90 158.98	0.35
RIVER-1	Reach-1	303.*	max ws	122.78	158.75	160.90 160.78	160.95	0.001712	1.80 1.98	110 35	148.49	0.35 0.28 0.26 0.31
RIVER-1	Reach-1 Reach-1	302 301.*	Max WS Max WS	123.80 124.75	158.50 158.25	160.76 160.63	160.62	0.001302	2.27	98.39	176.91	0.31
RIVER-1 RIVER-1	Reach-1	301.^	Max WS Max WS	125 68	158.00	160.03	129. 18 128. 90 128. 62 128. 35 128. 08 127. 54 127. 54 127. 52 126. 57 126. 53 125. 45 125. 73 125. 45 124. 94 124. 64 124. 39 123. 63 123. 68 123. 08 123. 28 123. 28 123. 28 123. 90 123. 63 124. 17 124. 194 124. 17 123. 90 123. 63 124. 17 125. 70 121. 87 121. 194 120. 89 120. 17 121. 57 121. 194 120. 89 120. 17 121. 66 160. 69 160. 69 160. 51	0.001426 0.001426 0.003017 0.006182 0.005331 0.002887 0.001712 0.001362 0.001895 0.002470	2.27 2.42	96.26	217.63	0.34
RIVER-1	Reach-1	299.*	Max WS	125.68 126.29	158.31	160.24	160.30	0.002947	2.61	110.70 63.45 42.78 48.69 77.21 92.53 110.35 98.39 96.26 91.13	149.29	0.38
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						KiteC 160.06 159.86 159.77 159.70 159.62 159.55 159.50 159.37	reek.rep						
RIVER-1	Reach-1	298 297.*	Max WS	126.75	158.62 158.31 158.00	160.06		160.09	0.002432	2.25 1.87	111.14 128.65 271.14	150.32 228.13 387.53	0.34 0.29 0.13
RIVER-1	Reach-1	297.*	Max WS	125.41	158.31	159.86		159.89	0.001856	1.87	128.65	228.13	0.29
RIVER-1	Reach-1	296	Max WS	124.72	158.00	159.77		159.78	0.000372	0.85	271.14	387.53	0.13
RIVER-1	Reach-1	295.*	Max WS	123.36	158.01	159.70		159.72	0.000860	1.26	172.39	344.49	0.20
RIVER-1	Reach-1	294 293.* 292	Max WS Max WS Max WS Max WS	135.72	158.01 157.51 157.00 157.00	159.62		160.09 159.89 159.78 159.72 159.64 159.56 159.51 159.46 159.25	0.002432 0.001856 0.000372 0.000869 0.000550 0.000493 0.002554	1.20 1.11 1.22	172.39 170.51 182.94 174.97 67.18	344.49 251.99 180.10 129.31	0.10 0.19 0.16 0.16 0.36 0.32
RIVER-1	Reach-1	293.*	Max WS	135.49	157.51	159.55		159.56	0.000350	1.11	182.94	180.10	0.16
RIVER-1	Reach-1	292 291.5 290.62 290.61 289.32 288.66* 288 287.* 286 285.* 284 283.* 281.*	Max WS Max WS	133.38	157.00	159.50		159.51	0.000493	2.66	67 10	51.45	0.10
RIVER-1	Reach 1	200 62	Max WS Max WS	132.30	157.00	159.57	158.06	159.40	0.002334	2.37	57.19	32.96	0.30
RIVER-1 RIVER-1	Reach-1	290.02	Max WS	Bridge		139.10	130.00	139.23	0.002002	2.37	37.13		0.32
RIVER-1	Peach-1	289 32	May WS	135 33	157 00	158 57		158 76	0.006221	3 48	38 83	29 43	0.53
RIVER-1	Reach-1	288 66*	Max WS	134 59	156.50	158 11		158 32	0.000221	3.40	36.99	33.26	0.61
RTVFR-1	Reach-1	288	Max WS	133.82	156.00	157.93		157.94	0.000355	0.89	261.95	294.98	0.13
RIVER-1	Reach-1	287.*	Max WS	133.64	156.00	157.88		157.89	0.000767	1.32	199.30	311.80	0.19
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	286	Max WS	133.53	156.00	157.79		157.81	0.001025	1.53	180.71	288.11	0.22
RIVER-1	Reach-1	285.*	Max WS	133.69	155.50	157.59		157.71	0.004016	2.76	49.33	59.71	0.43
RIVER-1	Reach-1	284	Max WS	133.84	155.00	157.30		157.39	0.002654	2.42	55.28	38.41	0.36
KTAFK-T	Reach-1	283.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	134.13	157.00 156.50 156.00 156.00 155.50 155.50 154.75 154.50 154.25	156.96		157.08	0.003779	3.48 3.64 0.89 1.32 1.53 2.76 2.42 2.84 3.10 3.51	47.29	29.43 33.26 294.98 311.80 288.11 59.71 38.41 33.73 82.64 79.35 25.79 27.79 27.79	0.42
RIVER-1	Reach-1	282	Max WS	134.37	154.50	156.67		156./9	0.003317	3.10	65.93	82.64	0.41
RIVER-1	Reach-1	281.*	Max WS	134./5	154.25	156.24		150.45	0.004820	3.51	44.30 20.16	/9.33 25.70	0.48
RIVER-1	Reach 1	280 279.*	Max WS	133.14	153.00	155.79		155.57	0.003176	2.98	45 43	27.79	0.43
RIVER-1 RIVER-1	Peach-1	278	May WS	135.76	152.50	155 17		155 28	0.003403	2.70	50.58	29.52	0.35
RIVER-1	Peach-1	278 277.*	May WS	153.70	153.25 152.50 152.45 152.40	154 78		154 94	0.002307	3 19	49.02	36.99	0.45
RIVER-1	Reach-1	276	Max WS	153.99	152.40	154.33		154.52	0.005238	3.19 3.51	50.99	70.89	0.50
RTVFR-1	Reach-1	276 275.*	Max WS	154.32		154.04		154.10	0.006221 0.008418 0.000355 0.000767 0.001025 0.004016 0.002654 0.003779 0.003317 0.004820 0.005176 0.002384 0.004077 0.005238 0.005238 0.003065 0.002479 0.002479 0.0025751 0.0047745 0.0047745	1.91	38.83 36.99 261.95 199.30 180.71 49.33 55.28 47.29 65.93 44.50 39.16 45.43 50.58 49.02 50.99 81.30 100.52 113.45 173.43 113.69 64.42 68.47 55.17	29.52 36.99 70.89 95.00	0.33
RIVER-1 RIVER-1 RIVER-1	Reach-1	274	Max WS	154.56	151.40 151.30 151.20 150.85 150.50	153.78		153.82	0.002865	1.54	100.52	105.59 147.34 225.23	0.28
RIVER-1	Reach-1	273.*	Max WS	154.67	151.30	153.52		153.55	0.002479	1.37	113.45	147.34	0.26
RIVER-1	Reach-1	272	Max WS	154.76	151.20	153.38		153.39	0.000955	0.99 1.36 2.41	173.43	225.23	0.16
KTAFK-T	Reach-1	271.*	Max WS	154.86	150.85	153.21		153.24	0.002376	1.36	113.69	124.58	0.25
RIVER-1	Reach-1	270	Max WS	154.98	150.50	152.75		152.84	0.005/51	2.41	64.42	58.16	0.40
RIVER-1	Reach-1	269.*	Max WS	155.32	150.12	152.24		152.32	0.004/45	2.27	68.47	124.58 58.16 58.40 32.75	0.37
RIVER-I	Reach-1	268	Max WS	155.30	149.75	151./3		101.00	0.004017	2.81 2.92	33.1/ 52.17	32.73	0.30
RIVER-1 RIVER-1 RIVER-1	Reach-1	274 273.* 271.* 271.* 269.* 268. 267.265* 266.53 266.52 265.05 264.033* 263.016* 262. 261.* 269.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	155.29	149.43 149.10	158.57 158.11 157.93 157.88 157.59 157.59 157.30 156.67 156.67 155.44 155.17 154.78 154.33 154.04 153.78 153.52 153.38 153.21 152.75 152.75	150.25	158.76 158.32 157.94 157.89 157.71 157.39 157.08 156.79 156.43 155.57 155.58 155.28 154.52 154.52 153.55 153.35 153.24 152.84 152.84 152.84 152.84 152.84 152.84	0.004161 0.003208	2.89	53.17 53.68	32.65	0.53 0.61 0.13 0.19 0.22 0.43 0.36 0.41 0.49 0.41 0.35 0.50 0.33 0.28 0.26 0.16 0.25 0.40
RIVER-1	Peach-1	266 52	Max W3	Bridge		131.17	130.23	131.27	0.003200		33.00		0.10
RTVFR-1	Reach-1	265.05	Max WS	155.27	148.65 148.24 147.84 147.43 146.71 146.00 146.00 145.50	150.63		150.77	0.003585	3.02 2.99 2.99 1.53	51.44	31.90	0.42
RIVER-1 RIVER-1 RIVER-1	Reach-1	264.033*	Max WS	155.26	148.24	150.29		150.43	0.005069	2.99	51.98	38.42	0.45
RIVER-1	Reach-1	263.016*	Max WS	155.22	147.84	149.86		150.00	0.007609	2.99	52.27	57.49	0.49
RIVER-1	Reach-1	262	Max WS	155.14	147.43	149.61		149.64	0.001867	1.53	128.73	164.20	0.24
KTAFK-T	Reach-1	261.*	Max WS	155.42	146.71	148.95		149.09	0.008992		52.54	51.54	0.50
RIVER-1	Reach-1	260	Max WS	155.67	146.00	148.35		148.41	0.004082	2.14	93.31	165.45	0.34
RIVER-1	Reach-1	259.*	Max WS	155./1	146.00	147.83		147.95	0.007616	1.76	100.02	172 78	0.40
RIVER-1 RIVER-1	Reach-1	258 257.*	Max WS	155.75	146.00	147.31		147.33	0.003391	2.05	100.41	180 22	0.31
DTVED_1	Peach-1	256	May WS	156.01	145.00	146.79		146 90	0.007331	3.24	75.12	134.79	0.47
RIVER-1 RIVER-1	Reach-1	255 *	Max WS	168.81	144.50	146.26		146.37	0.007150	2.14 2.78 1.86 2.05 3.24 3.12	72.95	31.90 38.42 57.49 164.20 51.54 165.45 71.09 173.78 180.22 134.79 97.83	0.47
RIVER-1	Reach-1	254	Max WS	168.92	144.00	145.70		145.81	0.007719	3.11	69.91		0.48
RIVER-1	Reach-1	253.*	MAX WS MAX WS	169.04	144.50 144.00 143.00 142.00 141.75 141.50 141.25 141.00 140.75 140.50	150.63 150.29 149.86 149.61 148.95 148.35 147.83 147.51 147.23 146.79 146.26 145.70 144.88 144.40 143.63 143.63 143.63 143.63 142.69 142.42 142.17		145.06	0.012258	3.82	58.67	97.65	0.42 0.49 0.24 0.50 0.34 0.46 0.31 0.47 0.48 0.60 0.33 0.33 0.33 0.30 0.33
RTVFR-1	Reach-1	252	Max WS	169.13	142.00	144.40		144.46	0.003678	2.40 2.24 2.03	103.87	157.14	0.34
RIVER-1 RIVER-1 RIVER-1	Reach-1	251.*	Max WS	169.34	141.75	143.97		144.03	0.003691	2.24	102.68	157.14 152.45 388.58 336.44 192.51 280.66 270.22	0.33
RIVER-1	Reach-1	250	Max WS	169.55	141.50	143.63		143.68	0.003057	2.03	132./8	388.58	0.30
RIVER-1	Reach-1	249.*	Max WS	169.67	141.25	143.39		143.45	0.003795	2.11	111.3/	336.44	0.33
RIVER-1	Reach-1	248	Max WS	169.70	141.00	143.08		143.15	0.003/30	2.08 2.23	114 95	192.31	0.33
RIVER-1	Reach-1	247.*	Max WS	109.84	140.73	142.09		142./3	0.004600	1.26	197.00	270.00	0.30
RIVER-1	Reach-1	246	Max WS Max WS	170.00	130.75	142.42		142 27	0.001130	287	80.80	106.70	0.39
RIVER-1 RIVER-1 RIVER-1	Reach-1	243.	May WS	170.10	139.00	141 87		141.95	0.004360	2.95 2.36	97.88	153.82	0.37
RTVER-1	Reach-1	243.*	Max WS	170.26	139 50	141.65		141.72	0.003389	2.36	104.28	159.51	0.33
RIVER-1	Reach-1	242	Max WS Max WS Max WS Max WS	170.32	140.00 139.50 139.00 138.50	141.46		141.50	0.003585 0.005069 0.007609 0.001867 0.008992 0.004082 0.003185 0.007331 0.007719 0.012258 0.003678 0.003691 0.003057 0.003750 0.003750 0.004793 0.004793 0.004360 0.003405 0.003405 0.004590 0.002804	1.98	120.77	106.70 153.82 159.51 214.05 196.91 150.79	0.32
RIVER-1	Reach-1	241.*	Max WS	170.45	139.50	141.11		141.17	0.004590	2.24	108.83	196.91	0.36
RIVER-1	Reach-1	240	Max WS	170.58	139.00	140.82		140.86	0.002804	1.96	120.49	150.79	0.29
RIVER-1	Reach-1	239.*	May WS	170.74	138.50	140.58		140.61	0.002923	1.73	127.40	216.90	0.29
RIVER-1	Reach-1	238	Max WS	170.71	738 00	140.23		140.28	0.004660	1.90	110.00	235.75 254.11	0.35
RIVER-1	Reach-1	237.25*	Max WS Max WS Max WS	126.75 1125.75 1124.72 123.36 135.39 135.38 135.36 135.36 135.36 135.36 135.36 134.59 133.82 133.64 133.53 133.64 134.13 134.75 135.14 135.76 155.76 155.76 155.77 154.86 155.29 155.28 155.29 155.28 155.29	137.62 137.25 136.60	141.87 141.65 141.46 141.11 140.82 140.58 140.23 140.00 139.36 138.83	120 15	150.77 150.43 150.00 149.64 149.09 148.41 147.95 147.28 146.90 146.37 145.81 145.06 144.03 143.68 143.45 143.15 142.27 141.50 141.72 141.72 141.50	0.002923 0.004660 0.001616 0.017264	1.27 3.59	51.44 51.98 52.27 128.73 52.54 93.31 58.62 109.49 75.12 72.95 69.91 58.67 102.68 132.78 111.37 86.25 114.85 197.00 80.80 97.88 104.28 120.77 108.83 120.49 127.40 116.06 138.03 59.09 59.60	234.11	0.39 0.37 0.32 0.36 0.29 0.35 0.29
RIVER-1	Reach-1	236.5	Max WS	1/U.61	13/.25	139.30	139.15 137.83	138 06 138.33	0.017264	2.86	59.60	33.39	0.38
RIVER-1	Reach-1 Reach-1	256 255. * 254. * 253. * 252. * 251. * 250. * 249. * 248. * 247. * 246. * 245. * 244. * 241. * 241. * 240. * 239. * 238. * 237. 25* 236. 5 235. 85 235. 85 235. 84 235. 23	Max WS	I/U.D/ Bridge	130.00	T30.03	131.03	130.30	0.002021	2.00	33.00	55.55	0.50
RIVER-1 RIVER-1	Reach-1	233.04	Max WS	Bridge 170.56	136.10	138.75		138.83	0.001519	2.31	73.91	35.87	0.28
VTACK_T	Keacii-1	233.23	רוע אסויו	170.30	130.10	130.73		200.00					

DTV/ED 1	Doogh 1	224 152±	May MC	170 45	125 72	KiteC 138.59	reek.rep	120 70	0.002186	2 64	64 40	20.72	0.22
RIVER-1 RIVER-1	Reach-1 Reach-1	234.153* 233.076*	Max WS Max WS	170.45 131.80	135.73 135.37	130.39		138.70 138.57	0.002186 0.002185 0.010155	2.64 2.48	64.49 58.28	29.73 133.49	0.32 0.29 0.56
RIVER-1	Poach⊸1	232	Max WS	170.56	135.00	138 12	137.35	138 45	0.002103	4.73	54 42	332 30	0.23
RIVER-1	Reach-1	731 *	May WS	170.82	135.00	137.76	137.33	137.87	0.004727	3.08	113.56	418.38	0.39
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	230 229.* 228 227.*	Max WS Max WS Max WS	170.28	135.00	137.67		137.67	0.000477 0.000477 0.000777 0.001297	1.01	113.56 316.93 260.26 202.86	418.38 492.29 441.49 421.03	0.13
RIVER-1 RIVER-1	Reach-1	229.*	Max WS	180.83	134.50	137.60		137.61	0.000777	1.40	260.26	441.49	0.16
RIVER-1	Reach-1	228	Max WS	180.93	134.00	137.48		137.51	0.001297	1.92	202.86	421.03	0.21
RIVER-1	Reach-1	227.*	May WS	181.01	133.85	137.36		137.39	0.001434	1.81	186.39	352.92	0.22
RIVER-1	Reach-1	226	Max WS	181.11	133.70	137.05		137.13	0.005820	2.77	106.84	298.63 277.60	0.41
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	225.*	Max WS Max WS Max WS Max WS	181.16	133.48 133.25 133.12	136.71		136.81	0.005283	2.99	105.08	277.60	0.40
RIVER-1	Reach-1	224	Max WS	181.22	133.25	136.38		136.50	0.005857	3.45	100.28 106.47	264.55	0.43
RIVER-1 RIVER-1	keacn-⊥	2276 225.* 224 223.* 222 221.*	Max WS Max WS	181.29	133.12	130.02		130.13	0.005/33	3.40 2.53	100.47	262.38 365.17	0.43
RIVER-1 RIVER-1	Reach-1 Reach-1	222	Max WS Max WS	101.30	132.70	135.77		135.62	0.002973	2.70	142.03	203.17	0.37
RTVER-1	Reach-1	220	Max WS	181 45	132.40	135.24		135.40	0.005140	3.89	98 17	303 34	0.46
RIVER-1 RIVER-1	Reach-1	219.*	Max WS	181.38	131 80	135.02		135.15	0.004157	3.36	91.28	165.95	0.37
RIVER-1	Reach-1 Reach-1 Reach-1	218	Max WS	181.39	131.20	134.98		135.00	0.000777	1.62	209.38	270.89	0.16
RIVER-1	keacn-⊥	220 219.* 218 217.*	Max WS Max WS Max WS Max WS	181.44	131.20 131.98 132.75	134.91		134.93	0.001297 0.001434 0.005820 0.005283 0.005857 0.005857 0.002975 0.003146 0.006602 0.004157 0.000989 0.001445 0.004629	3.36 1.62 1.60 1.54	142.63 138.34 98.17 91.28 209.38 199.88	277.60 264.55 262.38 265.17 278.56 303.34 165.95 270.89 311.05	0.18
RIVER-1	Reach-1	216	Max WS	181.52	132.75	134.81		134.83	0.001445	1.54	102.00	302.47	0.21
RIVER-1	Reach-1	215.*	Max WS	197.17	132.62	134.59		134.67	0.004483	2.61	106.08	220.27	0.37
RIVER-1	Reach-1	214 213.*	Max WS	197.10	132.50 131.88	134.25		134.33	0.004620	2.37 2.88	109.92 114.97	277.19	0.37
RIVER-1 RIVER-1	Reach-1 Reach-1	213."	Max WS Max WS	213.02	131.00	133.00		133.98	0.004299	2.00	114.97	194.27	0.41
RIVER-1	Reach-1	212 211.065* 210.13	Max WS Max WS	170.56 170.28 180.83 180.93 181.01 181.11 181.12 181.22 181.29 181.36 181.40 181.45 181.45 181.45 181.52	131.25 130.32	138.47 138.12 137.76 137.60 137.48 137.36 137.05 136.71 136.38 136.02 135.77 135.57 135.24 135.02 134.98 134.91 134.59 134.59 134.51 134.59 134.25 133.59 132.66 132.19		138. 45 137. 67 137. 67 137. 61 137. 51 137. 13 136. 81 136. 50 136. 13 135. 63 135. 40 135. 40 135. 40 134. 93 134. 67 134. 33 134. 67 134. 33 133. 69 133. 02 132. 38	0.003942 0.013035	3.55 4.82	123.75 44.73	158.04 25.61	0.39 0.13 0.16 0.21 0.22 0.41 0.40 0.43 0.31 0.32 0.16 0.37 0.18 0.21 0.37 0.41 0.45 0.45
RIVER-1	Reach-1	210.13	Max WS	215.57	129.39	132.19		132.38	0.000884	3.51	61.49	35.62	0.37
RIVER-1	Reach-1	209.23	nan no	Culvert		202.20							****
RIVER-1	Reach-1 Reach-1	209.23 208.43 205.91 205.49 204.965* 204.44 203.626* 202.813* 202 201.36 200.405* 199.451* 198.497* 197.542* 196.588* 195.634* 194.68* 193.725* 192.771* 191.817* 190.862* 189.908*	Max WS	215.56	128.67 129.85 129.75	132.12		132.21	0.000331	2.47	87.32 52.90 52.88	60.99	0.23
RIVER-1	Reach-1	205.91	Max WS Max WS	215.54	129.85	131.85		132.11	0.002555	4.07	52.90	60.99 32.89	0.57
RTVFR-1	Reach-1	205.49	May MS	215.54	129.75	131.74		132.00	0.002571	4.08	52.88	33.03	0.57
RIVER-1	Reach-1	204.965*	Max WS	215.53	129.62	131.61		131.87	0.002567	4.06		33.22	0.57
RIVER-1	Reach-1	204.44	Max WS	215.53	129.49	131.48		131.74	0.002559	4.05 4.05	53.19	33.43 33.62	0.57
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	203.626*	Max WS	215.51	129.49 129.29 129.08	131.28		131.33	0.002572	4.00	53.22	33.94	0.37
RIVER-1	Reach-1	202.013	Max WS Max WS Max WS Max WS Max WS	213.31	129.00	131.00		131.33	0.000331 0.002555 0.002557 0.002567 0.002559 0.002559 0.002459 0.002499 0.002499 0.002459 0.002265 0.002089 0.001863 0.001587 0.001296 0.001045 0.000811	3.98	53.02 53.19 53.22 53.85 54.13 53.86 54.10 54.65 55.56 57.08	33.34	0.56
RIVER-1	Reach-1	201.36	Max WS	215.49	128.88 128.72	130.72		130.97	0.002499	4.00	53.86	34.20 33.90 33.87	0.56
RTVFR-1	Reach-1	200.405*	Max WS	215.48	178 /8	130.49		130.74	0.002459	3.98	54.10	33.87	0.56
RIVER-1 RIVER-1 RIVER-1	Reach-1	199.451*	May WS	215.48	128.24	130.27		130.51	0.002383	3.94	54.65	33.92 34.02 34.25 34.61	0.55
RIVER-1	Reach-1	198.497*	Max WS	215.47	128.00	130.06		130.29	0.002265	3.88 3.77	55.56	34.02	0.53
RIVER-1	Reach-1	197.542*	Max WS	215.45	127.76	129.86		130.09	0.002089	3.77	57.08	34.25	0.52
RIVER-1	Reach-1	196.588*	Max WS Max WS Max WS Max WS	215.41	128.74 128.00 127.76 127.52 127.28 127.04	129.69		129.90	0.001863	3.63 3.44	59.33 62.64 67.07 72.11 78.45 85.55 93.42	34.bl	0.49
RIVER-1	Reach-1	195.634*	Max WS	215.19	127.28	129.55		129./3	0.001387	3.44	02.04 67.07	35.18 35.93 36.78 37.82	0.43
RIVER-1 RIVER-1	Reach-1	194.00"	Max WS Max WS	214.02	126.81	129.44		129.00	0.001230	3.20 2.97 2.71	72 11	36.78	0.37
RIVER-1	Reach-1	192 771*	Max WS	212.92	126.57	129.28		129.40	0.001043	2.71	78.45	37.82	0.33
RIVER-1	Reach-1	191.817*	Max WS Max WS	211.00	126.33	129.23		129.33	0.000621	2.47	85.55	38.94 40.14	0.29
RIVER-1	Reach-1	190.862*	Max WS	206.43	126 00	129.20		129.27	0.000462	2.21	93.42	40.14	0.26
RIVER-1	Reach-l	189.908*	Max WS	202.44	125.85	129.17		129.23	0.000347	1.99 1.75	101.88	41.38	0.22
RIVER-1	Reach-1	188.954*	Max WS	194.26	125.61	129.15		129.20	0.000251 0.000142	1.75	110.92	42.68	0.19
RIVER-1	Reach-1	188. 187.7 187.68 187.65 187.2 187.15	Max WS	Culvert 215.56 215.54 215.54 215.53 215.51 215.51 215.49 215.48 215.48 215.47 215.45 215.47 215.49 214.82 214.13 212.92 211.00 206.43 202.44 194.26 164.14	125.85 125.61 125.37 125.29	132.12 131.85 131.74 131.61 131.48 131.28 131.08 130.87 130.49 130.27 130.06 129.86 129.69 129.55 129.44 129.35 129.28 129.28 129.29 129.29 129.29		132 .21 132 .11 132 .00 131 .87 131 .74 131 .53 131 .33 131 .12 130 .97 130 .74 130 .51 130 .29 130 .09 129 .90 129 .90 129 .40 129 .40 129 .33 129 .20 129 .27 129 .23 129 .20 129 .17 129 .16	0.000142	1.36 1.20	120.48 136.98	43.97 43.97	0.23 0.57 0.57 0.57 0.57 0.56 0.56 0.56 0.53 0.52 0.45 0.41 0.33 0.29 0.22 0.19 0.12
RIVER-1 RIVER-1	Reach-1	107./ 107.60	Max WS	104.14	123.29	129.14		129.10	0.000093	1.20	130.30	43.37	0.12
RIVER-1	Peach-1	187.65	May WS	190 62	125 27	129 14		129.17 129.14 129.14 129.14 129.14	0.000097	1.24	155.41	50.66	0.12
RIVER-1	Reach-1	187.2	Max WS Max WS	291.74	125.27 125.15 125.13	129.14 129.11 129.11 129.11 129.05		129.14	0.000097 0.000124 0.000129 0.000103	1.24 1.47	155.41 200.69	61.14	0.12 0.14
RIVER-1	Reach-1	187.15	Max WS	293.42	125.13	129.11		129.14	0.000129	1.48	197.84 219.45 119.67	59.13	0.14
RIVER-1	Reach-1	187	Max WS	293.42	125.09	129.11		129.14	0.000103	1.34	219.45	65.26	0.13 0.18
RIVER-1 RIVER-1	Reach-1	186.81	Max WS	293.42	123.29	129.05		129.14	0.000165	2.45	119.67	69.19	0.18
RIVER-1	Reach-1	187 186.81 186.80 185.39 184.5		Culvert	400 70				0.000114	2 14	120 04	47.00	0.15
RIVER-1	Reach-1	185.39	Max WS	293.42	122.78 126.00	129.00		129.08	0.000114	2.14 1.78	136.94 345.65	47.08 362.84	0.13
RIVER-1	Reach-1	184.5	Max WS	293.40	126.00	129.02		129.04	0.000651	1.70	343.03	357.08	0.21
RIVER-1 RIVER-1	Reach-1	183 *	Max WS Max WS	293.38 301.96	126.00	128.84		128.92	0.002412	1.84 2.95 2.10	336.95 178.01 220.47	357.08 177.54 177.40	0.33
RIVER-1	Reach-1	182	Max WS	301.93	126.00	128.76		128.79	0.001448	2.10	220.47	177.40	0.23
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	184 183.* 182 181.*	Max WS Max WS	302.20	126.00	128.58		128.63	0.002060	2.32	196.69	184.96 268.33 323.94	0.27
RIVER-1	Reach-l	180	Max WS	298.22	126.00	128.34		128.40	0.002898	2.48	192.30 221.63	268.33	0.31
RIVER-1	Reach-1	179.*	Max WS	327.65	125.00	128.09		128.15	0.002669	2.61	221.63	323.94	0.31
RIVER-1	Reach-1	178	Max WS	328.34	124.00	127.97		127.99	0.000805	1.54 2.04	3/6.34	418.16 413.32	0.15 0.21 0.21 0.33 0.23 0.27 0.31 0.31
RIVER-1	Reach-1	177.* 176	Max WS	164.14 Lat Struct 190.62 291.74 293.42 293.42 Culvert 293.42 293.40 293.38 301.96 301.96 301.93 302.20 298.22 327.65 328.34 329.50 330.76 336.39	124.00 124.00	129.00 129.02 128.97 128.84 128.76 128.58 128.34 128.09 127.97 127.81		129.08 129.04 129.00 128.92 128.79 128.63 128.40 128.15 127.99 127.84 127.55 127.33	0.000114 0.000831 0.000756 0.002412 0.001448 0.002060 0.002898 0.002699 0.000805 0.001337 0.003433	3.11	376.34 312.15 219.76	419.78	0.34
RIVER-1 RIVER-1	Reach-1 Reach-1	176 175.*	Max WS Max WS	336.39	123.50	127.47		127.33	0.003430	3.49	194.04	423.85	0.34 0.39
KTAFK-T	Neach-T	1,3.	MUX WJ	330.33	223.30					- · ·-			

RIVER-1 Reach-1 173							KiteCro	eek.rep						
RIVER-1 Reach-1 165 * Max WS 336.98 122.50 126.20 126.24 0.0007786 2.55 315.00 545.56 0.25 RIVER-1 Reach-1 165 * Max WS 337.08 127.00 126.12 126.24 0.000786 1.81 393.52 399.14 0.15 RIVER-1 Reach-1 165 * Max WS 337.08 127.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 Reach-1 165 * Max WS 337.08 127.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 Reach-1 162 * Max WS 338.84 120.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 Reach-1 162 * Max WS 338.84 120.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 REACH-1 160 * Max WS 338.87 120.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 REACH-1 160 * Max WS 338.87 120.00 125.47 125.56 0.001586 1.93 338.44 507.48 0.25 RIVER-1 REACH-1 160 * Max WS 338.87 120.00 125.47 125.57 125.58 0.001586 1.93 338.44 507.48 0.25 RIVER-1 REACH-1 159 * Max WS 336.67 120.55 124.65 124.65 124.67 0.0009714 1.75 84.49 127 655.35 0.00158 124.65 124.65 124.65 124.67 0.0009714 1.75 84.49 127 655.35 0.00158 124.65 124.65 124.65 124.67 0.0009714 1.55 84.49 127 655.35 0.00158 124.65 1	RIVER-1	Reach-1	174	Max WS	336.44	123.00	126.97	·	127.08	0.003790	3.30	212.24	537.96	0.36
RIVER-1 Reach-1 165 * Max NS 338.98 122.50 126.70 126.24 0.000748 2.55 315.80 545.56 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.14 12.50 100.00148 1.81 393.52 5991.4 0.15 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.84 120.00 125.47 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.85 120.00 125.47 125.56 0.001596 1.90 338.14 125.00 125.67	RIVER-1	Reach-1	173.*		336.41	123.50	126.86		126.89	0.002055	2.32	319.72	604.64	0.26
RIVER-1 Reach-1 165 * Max NS 338.98 122.50 126.70 126.24 0.000748 2.55 315.80 545.56 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.14 12.50 100.00148 1.81 393.52 5991.4 0.15 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.84 120.00 125.47 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.85 120.00 125.47 125.56 0.001596 1.90 338.14 125.00 125.67	RIVER-I	Reach-1	1/2 171 *	Max WS	330.49	124.00	120.81		120.02	0.00030	1.12	370.04 477.60	733.3U 763.41	0.13
RIVER-1 Reach-1 165 * Max NS 338.98 122.50 126.70 126.24 0.000748 2.55 315.80 545.56 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.14 12.50 100.00148 1.81 393.52 5991.4 0.15 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.84 120.00 125.47 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.85 120.00 125.47 125.56 0.001596 1.90 338.14 125.00 125.67	RIVER-I	Reach-1	171."	Max WS	337.11	124.00	126.73		126.74	0.000929	1.47	385 91	668 50	0.10
RIVER-1 Reach-1 165 * Max NS 338.98 122.50 126.70 126.24 0.000748 2.55 315.80 545.56 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.14 12.50 100.00148 1.81 393.52 5991.4 0.15 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 165 * Max NS 337.08 121.00 125.64 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.84 120.00 125.47 125.56 0.001596 1.90 338.14 507.40 0.25 RIVER-1 Reach-1 162 * Max NS 338.85 120.00 125.47 125.56 0.001596 1.90 338.14 125.00 125.67	RTVER-1	Reach-1	169.*	Max WS	337.55	123.50	126.47		126.51	0.002639	2.54	289.79	540.33	0.30
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	168	Max WS	337.32	123.00	126.34		126.38	0.002465	2.54	287.40	527.34	0.29
DIVID 1 Peach 2 111 QS Lat Struct	RTVFR-1	Reach-1	167.*	Max WS	336.98	122.50	126.20		126.24	0.001786	2.35	315.60	545.56	0.25
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	166	Max WS	336.87	122.00	126.12		126.14	0.000948	1.81	398.52	599.14	0.18
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	165.*	Max WS	337.06	121.00	125.88		125.92	0.001680	2.40	328.19	567.41	0.24
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	164 162 *	Max WS	337.88	120.00	125.64		125.00	0.001296	1.93	394.84 301 35	670.78	0.20
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-I	Reach-1	162	Max WS	330.34	120.00	125.47		125.33	0.002104	4.55	115 26	295 65	0.20
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	161.*	Max WS	339.23	120.25	124.77		124.90	0.003122	3.28	195.96	571.68	0.34
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	160	Max WS	339.67	120.50	124.65		124.67	0.000914	1.70	394.63	625.13	0.18
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	159.*	Max WS	340.17	120.25	124.57		124.59	0.000779	1.55	404.17	656.35	0.17
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	158	Max WS	340.68	120.00	124.51		124.52	0.000637	1.36	438.43	713.00	0.15
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	15/.*	Max WS	341.04	119.50	124.44		124.47	0.000954	7.02	304.41 183 76	646 67	0.19
DIVID 1 Peach 2 111 QC Lat Struct	DTVED-1	Reach-1	155 *	Max WS	341.40	119.00	123.92		124.02	0.003330	3.11	261.22	639.10	0.30
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	154	Max WS	358.07	119.00	123.73		123.76	0.001074	1.97	429.86	684.45	0.19
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	153 *	Max WS	371.20	119.00	123.64		123.67	0.001206	2.12	424.27	775.97	0.21
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	152	Max WS	371.56	119.00	123.55		123.58	0.001134	1.97	445.71	867.01	0.20
DIVID 1 Peach 2 111 QS Lat Struct	RTVFR-1	Reach-1	151.*	Max WS	378.67	119.00	123.41		123.45	0.001645	2.10	397.03	844.82	0.24
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-I	Reach-1	150	Max WS	3/8.3/ 381 01	119.00	123.17		123.24	0.004330	2.70	300 69	724.13	0.37
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-I	Reach-1	149.	Max WS	383.45	118.00	122.72		122.75	0.002733	2.26	382.16	648.26	0.23
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	147.*	Max WS	385.32	117.92	122.58		122.63	0.002097	2.40	368.32	846.61	0.27
DIVID 1 Peach 2 111 QS Lat Struct	KTAFK-T	Reach-1	146	Max WS	387.17	117.83	122.37		122.45	0.004489	2.97	304.59	1003.18	0.38
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	145.*	Max WS	389.08	117.92	122.17		122.22	0.001882	1.81	330.76	940.96	0.25
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	144	Max WS	390.83	118.00	121.96		122.00	0.003238	1.74	299.60	693.04	0.30
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	143."	Max WS	394.00	117.30	121.70		121.01	0.000883	1.95	515.51	877.48	0.18
DIVID 1 Peach 2 111 QC Lat Struct	RTVER-1	Reach-1	1/1 *	Max WS	397.13	117.00	121.59		121.63	0.001613	2.46	433.74	908.50	0.24
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	140	Max WS	398.91	117.00	121.38		121.48	0.003250	3.40	334.58	1033.24	0.33
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	139.*	Max WS	399.88	117.50	121.23		121.27	0.002052	2.50	398.28	921.32	0.27
DIVID 1 Peach 2 111 QS Lat Struct	KTAFK-T	Reach-1	138	Max WS	401.17	118.00	121.15		121.16	0.000922	1.58	343.89 473 83	947.13 823.57	0.10
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-I	Reach-1	136	Max WS	404.74	118.00	120.95		120.97	0.001107	1.69	386.85	537.38	0.22
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	135.*	Max WS	405.94	117.50	120.84		120.86	0.001084	1.35	458.24	651.63	0.19
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	134	Max WS	407.61	117.00	120.77		120.78	0.000759	1.07	543.38	727.13	0.15
DIVID 1 Peach 2 111 QC Lat Struct		Reach-1	133.*	Max WS	409.58	117.00	120.68		120.70	0.000915	1.16	463.80	637.69 572.47	0.17
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	132 121 *	Max WS	411.57 412.60	117.00	120.60		120.02	0.000731	1.03	4/0.33	583 43	0.13
DIVID 1 Peach 2 111 QC Lat Struct	DTVED-1	Peach-1	131."	Max WS	413.65	117.00	120.33		120.33	0.000975	1.08	502.17	795.11	0.17
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	129.*	Max WS	414.20	117.00	120.37		120.39	0.001435	1.27	433.79	808.63	0.20
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	128	Max WS	414.74	117.00	120.10		120.17	0.005368	2.13	221.32	576.56	0.38
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	127.*	Max WS	414.72	116.71	119.82		119.88	0.003255	2.15	286.42	641.46	0.32
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	126 125 *	Max WS	414.70	116.42	119.74		119.76	0.001421	1.09	462.32	751.26	0.22
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	124	Max WS	414.70	116.00	119.69		119.70	0.001026	1.31	531.64	800.53	0.18
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	123.*	Max WS	414.69	116.18	119.62		119.64	0.001325	1.60	479.48	803.90	0.21
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-1	Reach-1	122	Max WS	414.58	116.35	119.54		119.56	0.001737	1.85	460.72	930.09	0.24
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	121.*	Max WS	451.09	115.68	119.32		119.37	0.002/96	2.52	346.U4 400.23	594.18 575.60	0.31
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	120 110 *	Max WS	450.74	114 50	119.13		119.10	0.001473	2.21	321.54	412.26	0.30
DIVID 1 Peach 2 111 QC Lat Struct	RIVER-I	Reach-1	118."	Max WS Max WS	448.94	114.00	118.70		118.89	0.003373	4.09	206.59	262.25	0.43
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	117.*	Max WS	448.00	114.50	118.63		118.70	0.001280	2.26	281.33	306.02	0.27
DIVID 1 Peach 2 111 QS Lat Struct	RTVFR-I	Reach-1	116	Max WS	444.34	115.00	118.51		118.57	0.002233	2.17	263.80	343.65	0.33
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	115.*	Max WS	435.37	114.50	118.36		118.41	0.001960	1.80	2/2.24	352.09 202 16	0.30
DIVID 1 Peach 2 111 QS Lat Struct	RIVER-1	Reach-1	114	Max WS	416.43 762.67	114.00	118.20 118.20		118.23 118.28	0.001/19	2 27	377.95	429.52	0.27
DIVID 1 Peach 2 111 QC Lat Struct	KTAFK-T	Reach-2	112.03	Max WS Max WS	762.67	112.00	118.19		118.27	0.001311	2.28	374.99	427.72	0.27
RIVER-1 Reach-2 111.* Max WS 762.56 113.00 118.06 118.13 0.001878 2.27 384.24 371.57 0.31 RIVER-1 Reach-2 110 Max WS 762.43 114.00 117.92 117.98 0.002206 2.15 455.98 484.58 0.32 RIVER-1 Reach-2 109.* Max WS 763.81 113.50 117.63 117.79 0.002672 3.51 359.19 387.39 0.39 RIVER-1 Reach-2 108 Max WS 764.99 113.00 117.40 117.56 0.002294 3.73 388.81 423.19 0.37 RIVER-1 Reach-2 107.* Max WS 765.41 112.00 117.32 117.43 0.001597 3.21 466.72 493.27 0.31	RIVER-1	Reach-2	111.95	max no	Lat Struct									
RIVER-1 Reach-2 110 Max WS 762.43 114.00 117.92 117.98 0.002206 2.15 455.98 484.58 0.32 RIVER-1 Reach-2 109.* Max WS 763.81 113.50 117.63 117.79 0.002672 3.51 359.19 387.39 0.39 RIVER-1 Reach-2 108 Max WS 764.99 113.00 117.40 117.56 0.002294 3.73 388.81 423.19 0.37 RIVER-1 Reach-2 107.* Max WS 765.41 112.00 117.32 117.43 0.001597 3.21 466.72 493.27 0.31	RIVER-1	Reach-2	111.*	Max WS	762.56	113.00	118.06		118.13	0.001878	2.27	384.24	371.57	0.31
RIVER-1 Reach-2 108.** MAX WS 764.99 113.00 117.40 117.56 0.002294 3.73 388.81 423.19 0.37 RIVER-1 Reach-2 107.** MAX WS 765.41 112.00 117.32 117.43 0.001597 3.21 466.72 493.27 0.31	RIVER-1	Reach-2	330	Max WS	762.43	114.00	117.92		117.98	0.002206	2.15	455.98 350 10	484.58 387 30	0.32
RIVER-1 Reach-2 107.* Max WS 765.41 112.00 117.32 117.43 0.001597 3.21 466.72 493.27 0.31		Reach-2	109.*	Max WS	764 99	113.50 113.00	117.03 117.40		117.56	0.002294	3.73	388.81	423.19	0.37
		Reach-2	107.*	Max WS	765.41	112.00	117.32		117.43	0.001597	3.21	466.72	493.27	0.31

						KiteC 117.27 117.18 117.09 117.06 117.05 117.01 116.94 116.71 116.63 116.31 116.31 116.10 116.04 116.10 115.98 115.95 115.95 115.95	reek.rep						
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	106 105.*	Max WS	765.81	111.00 110.50 110.00 110.00 110.00 111.00 111.00 111.00 111.00 110.50 110.00 109.50	117.27		117.35 117.28 117.21 117.13 117.05 117.05 117.01 116.89 116.77 116.69 116.47 116.32 116.32 116.32 116.18 116.00 115.98 115.97 115.96 115.97 115.92 115.92	0.001008 0.001337 0.001351 0.001544 0.000432 0.000616 0.000707 0.000730 0.000730 0.000739 0.000739 0.000859 0.000719	2.83 3.20 3.52 2.89 2.01	584.41 535.79 513.65 556.28 781.95 770.66 758.89 728.91 694.43 693.27 691.54 635.05 576.57 575.13 564.58 568.50 606.32 646.14 790.05 965.05 1065.47 1244.02 1006.43 730.48 329.24	576.09 539.44 506.53 526.87 582.44 571.61 570.20 565.02 545.26 532.22 520.70 498.35 470.80 419.01 435.23 447.67 431.57 416.83 439.14 464.24 580.73 706.22 738.81 782.68 79.44	0.25 0.28 0.29 0.17 0.20 0.21 0.22 0.22 0.22 0.22 0.22 0.22
RIVER-1	Reach-2	103.7	Max WS Max WS Max WS	767.14	110.30	117.10		117.20	0.001357	3.52	513.65	506.53	0.28
RIVER-1	Reach-2	104 103.*	Max WS	767.38	110.00	117.06		117.13	0.001544	2.89	556.28	526.87	0.29
RTVFR-1	Reach-2	102	Max WS	670.88	110.00	117.05		117.09	0.000432	2.01	781.95	582.44	0.17
RIVER-1	Reach-2	101.*	Max WS	768.56	110.50	117.01		117.05	0.000616		770.66	578.14	0.20
RIVER-1 RIVER-1	Reach-2	700 *	Max WS	769.49 772 50	111.00	116.96		117.01	0.000666	2.38	758.89 728 91	571.61 570.20	0.21
RIVER-1	Reach-2	98	Max WS	775.58	111.00	116.71		116.77	0.000756	2.58	694.43	565.02	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	101.* 100 99.* 98 97.*	Max WS	777.36	110.50	116.63		116.69	0.000730	2.34 2.38 2.47 2.58 2.56 2.55 2.73 2.89 2.77	693.27	545.26	0.22
RIVER-1	Reach-2	96 95.* 94 93.*	Max WS	779.12	110.00	116.56		116.61	0.000719	2.55	691.54	532.22	0.22
RIVER-1	Reach-2	95.^	Max WS May WS	780.70 782 28	109.30	116.48		116.33	0.000793	2.73	576 57	320.70 498 35	0.23
RIVER-1	Reach-2	93.*	Max WS	783.87		116.31		116.39	0.000770	2.77	575.13	470.80	0.22
RIVER-1 RIVER-1 RIVER-1	Reach-2	92 91.*	Max WS	785.47	109.00	116.24		116.32	0.000699	2.69 2.66 2.62 2.57	561.51	419.01	0.22
RIVER-1	Reach-2	91.*	Max WS	787.09	108.50	116.17		116.25	0.000715	2.66	564.58	435.23	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	90 89.*	Max WS	790.26	108.50	116.10		116.11	0.000729	2.57	606.32	431.57	0.22
RIVER-1	Reach-2	88	Max WS	791.82	109.00	115.98		116.05	0.000582	2.51 1.84 1.39 1.42	646.14	416.83	0.20
RIVER-1	Reach-2	88 87.*	Max WS	793.03	108.00	115.96		116.00	0.000259	1.84	790.05	439.14	0.14
RIVER-1	Reach-2	86 85.*	Max WS	794.19	107.00	115.95		115.98	0.000126	1.39	965.05 1065.47	464.24 580.73	0.10 0.11
RIVER-1 RIVER-1	Reach-2	83." 84	Max WS Max WS	794.79 795.38	107.30	115.93		115.96	0.000185	1.30	1244.02	706.22	0.11
RIVER-1	Reach-2	83.*	Max WS	811.48	108.50	115.91		115.94	0.000327	1.30 1.71	1006.43	738.81	0.15
RIVER-1	Reach-2	82	MAX WS MAX WS	811.48	109.00 109.00 108.50 108.50 109.00 107.00 107.50 108.00 109.00 107.50	115.86	442.04	115.92	0.000705	2.36 2.01	730.48	782.68	0.21
RIVER-1	Reach-2	81.56	Max WS	661.99 Bridge	108.22	115.79	112.04	115.85	0.000722	2.01	329.24	79.44	0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	84 83. * 82 81. 56 81. 55 81. 30 80. 95 80. 94 80. 38 79. 3849* 76. 9233* 76. 9233* 77. 856 75. 866 75. 866 75. 866 75. 866 75. 866 75. 866 76. 866 77. 866 77. 866 78.	Max WS	808.69		115.24		115.52	0.005153	4.26	189.89	65.40	0.44
RIVER-1	Reach-2	80.95	Max WS	808.82	108.96 108.83	115.24 115.27	112.25	115.52 115.41	0.005153 0.000987	4.26 3.02	189.89 267.88	65.40 61.45	0.44 0.25
RIVER-1	Reach-2	80.94		Bridge		445.24		115 20	0.001005	3 10	261 25	62.00	0.27
RIVER-1 RIVER-1	Reach-2	80.38 70.3840*	Max WS	808.69 808.40	108.67	115.24 115.06		115.39	0.001085	3.10	201.25 225 14	62.90 257.77	0.27
RIVER-1	Reach-2	78.39	Max WS	808.37	108.00	115.05		115.12	0.000573	2.57	574.78	327.24	0.20
RIVER-1	Reach-2	77.6566*	Max WS	808.36	107.80	115.05		115.08	0.000285	1.81	971.97	556.58	0.14
RIVER-1	Reach-2	76.9233*	Max WS	808.33	107.60	115.02		115.06	0.000435	2.21	878.88	746.06	0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	76.19 75.86	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	808.29 808.29	108.67 108.33 108.00 107.80 107.60 107.40 107.22	115.24 115.06 115.05 115.05 115.02 114.95 114.87	111.34	115.39 115.26 115.12 115.08 115.06 115.05 115.03	0.001085 0.001408 0.000573 0.000285 0.000435 0.000760 0.000912	3.10 3.59 2.57 1.81 2.21 2.87 3.19	261.25 225.14 574.78 971.97 878.88 547.86 253.56	62.90 257.77 327.24 556.58 746.06 590.98 335.68	0.27 0.30 0.20 0.14 0.17 0.23 0.25
RIVER-1	Reach-2	75.85	Max WS	Bridge	107.22		111.5						
RIVER-1	Reach-2	75.40	Max WS	808.29	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.35 107.68	114.64		114.80	0.001250	3.19 2.46	253.25	145.39	0.28
RIVER-1	Reach-2	74.7*	Max WS	808.28	106.82	114.63		114./2	0.000958	2.46	439./L	1088 00	0.24
RIVER-1	Reach-2	74 73.*	Max WS Max WS	808.23 808.09	107.00	114.55		114.58	0.000477	1.71	986.21	1167.55	0.17
RIVER-1	Reach-2	72	Max WS	807.77	107.86	114.52		114.54	0.000336	1.64	1199.53	1232.39	0.15
RIVER-1	Reach-2	71.*	Max WS	1007.33	107.44	114.37		114.50	0.001147	2.84	387.38	192.53	0.25
RIVER-1	Reach-2	/0 60 *	Max WS	1007.32	107.03	114.32		114.40 114.32	0.000740	2.24	450.77 406.67	96.63 86 94	0.10
RTVER-1	Reach-2	68	Max WS	1007.22	107.68	114.09		114.21	0.001202	2.73	368.83	83.86	0.23
RIVER-1	Reach-2	67	Max WS	1007.01	107.40	113.90		114.07	0.001831	3.32	339.03	125.78	0.28
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	66	MAX WS MAX WS	1006.89	107.68 107.40 107.40 107.20 107.00 106.81 106.62 106.43 106.24 106.07 105.90	114.64 114.63 114.60 114.55 114.52 114.37 114.32 114.09 113.90 113.53 113.40 113.53 113.40 113.26 113.10 112.95 112.73 112.67		114.80 114.72 114.64 114.58 114.50 114.40 114.32 114.21 114.07 113.67 113.53 113.23 113.23 113.23 113.25 113.26	0.001250 0.000958 0.000814 0.000477 0.000336 0.001147 0.000740 0.000914 0.001202 0.001831 0.002220 0.001664 0.001226 0.001526 0.001526 0.001526 0.001526 0.001526 0.001526	1.89 1.71 1.64 2.84 2.24 2.73 3.32 3.56 3.10 2.87 2.90	253 .25 439.71 778.19 986.21 1199.53 387.38 450.77 406.67 368.83 339.03 312.04 334.88 350.51 347.97 347.98 368.80 426.79 595.18 419.72	145.39 657.12 1088.09 1167.55 1232.39 192.53 96.85 86.94 83.86 125.78 118.09 134.57 104.65 121.89 143.67 161.31 185.27 184.09 447.24 392.50	0.28 0.24 0.21 0.17 0.15 0.25 0.18 0.20 0.23 0.28 0.31 0.29 0.28 0.30 0.32 0.32
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	65.*	Max WS	1006.65	107.20	113.53 113.40		113.67	0.001004	2.87	354.00 350.51	104.65	0.29
RIVER-1	Reach-2	63.*	Max WS	1007.98	106.81	113.26		113.39	0.001526	2.90	347.97	121.89	0.30
RIVER-1	Reach-2	62.*	Max WS	1009.39	106.62	113.10		113.23	0.001802	2.90	347.98	143.67	0.32
RIVER-1	Reach-2	61.*	Max WS	1010.34	106.43	112.95		113.07	0.001565	2.77 2.51 2.48 2.30 3.29	368.80	161.31	0.30
RIVER-1	Reach-2	60 50 *	Max WS May WS	1011.61	106.24	112.03		112.93	0.001228	2.48	426.79	184.09	0.24
RIVER-1	Reach-2	58	Max WS	1016.68	105.90	112.67		112.75	0.000536	2.30	595.18	447.24	0.19
	Reach-2	57.2	Max WS	1018.31	107.05		110.07		0.001417	3.29			0.30
RIVER-1	Reach-2	57.19	May WC	Bridge	107.05	112 /5		112 64	0 001739	3 55	370 44	370 03	0.33
RIVER-1	Reach-2	56.9 56	Max WS Max WS	1021.11	105.90	112.42		112.51	0.000677	2.39	491.21	343.54	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	60 59.* 58. 57.2 57.19 56.9 56.5.* 54 53.* 52.*	Max WS Max WS Max WS Max WS	1023.31	105.85	112.37		112.44	0.000649	3.55 2.39 2.13 1.99 1.94 2.03 2.27	552.67	445.57	0.20
RIVER-1	Reach-2	54	Max WS	1025.51	105.80	112.32		112.38	0.000679	1.99	588.05	539.40	0.20
RIVER-1 RIVER-1	Reach-2	53.*	Max WS	1031.69	105.70	112.25 112 15		112.30 112 10	0.000577	2.03	692.74	300.66	0.17
RIVER-1	Reach-2	51.*	Max WS	1040.63	105.57	112.06		112.11	0.000873	2.27	648.08	287.57	0.20
RIVER-1	Reach-2 Reach-2	50.* 49.*	Max WS Max WS Max WS Max WS Max WS	765.81 766.49 767.14 767.38 670.88 670.88 670.88 772.50 775.58 777.10 782.780.70 782.28 783.87 785.40 790.26 791.82 793.03 794.19 795.38 811.48 861.99 Bridge 808.69 808.89 808.29 Bridge 808.69 808.89 808.29 Bridge 808.69 808.37 808.39 807.77 1007.33 1007.32 1007.22 1007.01 1006.65 1006.55 1007.33 1007.33 1007.33 1007.33 1007.33 1007.33 1007.33 1007.33 1007.33 1007.33 1007.35 1007.36 1008.57 1007.37 1007.38 1007.38 1007.38 1007.39	107.05 105.90 105.85 105.80 105.70 105.60 105.57 105.54	112.45 112.42 112.37 112.32 112.25 112.15 112.06 111.96 111.85 111.74		112.64 112.51 112.44 112.38 112.30 112.19 112.11 112.02 111.92 111.83	0.001739 0.000647 0.000649 0.000577 0.000724 0.000873 0.000899 0.001018 0.000913	2.48 2.68 2.84	370.44 491.21 552.67 588.05 694.86 692.74 648.08 612.34 587.83 576.07	370.03 343.54 445.57 539.40 353.78 300.66 287.57 274.15 260.31	0.33 0.21 0.20 0.20 0.17 0.17 0.20 0.22 0.24
RIVER-1	Reach-2	49.*	Max WS	1046.07	105.50 105.47	111.85		111.92	0.001018	2.68 2.84	587.83 576.07	260.31 246.29	0.24 0.24
RIVER-1	keacn-∠	48	Max WS	TO49.12	103.47	111./4		TTT.03	0.000313	2.07	3,0.07	2.70.25	0.21

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RIVER-1	Reach-2	47.*	Max WS	1051.36	105.68	111.66	i ceitir ep	111.73	0.000942	2.76	615.71	278.83	0.25
RIVER-1	Reach-2	46.*	Max WS	1054.20	105.88	111.57		111.64	0.000865	2.60	675.46	314.40	0.25 0.24
RIVER-1	Reach-2	45.*	Max WS	1056.79	106.08	111.50		111.55	0.000696	2.37	761.22	350.47	0.21
RIVER-1	Reach-2	44	Max WS	1059.61	106.29	111.45		111.49	0.000505	2.11	875.48	386.87	0.21
RIVER-1	Reach-2	43.*	Max WS	1062.22	106.30	111.39		111.44	0.000536	2.18	927 01	371.26	0.18 0.19 0.20
RIVER-1	Reach-2	42.*	Max WS Max WS	1064.84	106.30	111.34		111.39	0.000570	2.10	827.91 782.32	364.59	0.19
RIVER-1	Reach-2	41.*	Max WS Max WS	1067.45	106.32	111.27		111.33	0.000604	2.24	762.32 744.04	362.70	0.20
					106.32	111.21		111.27	0.000639	2.36	713.13	358.84	0.20 0.21
RIVER-1	Reach-2	40	Max WS	1070.06	100.33	111.71		111.27	0.000639	2.30	/13.13	336.64	0.21
RIVER-1	Reach-2	39.*	Max WS	1069.86	106.17	111.16		111.21	0.000509	2.12	813.62 959.63	384.32	0.19 0.16
RIVER-1	Reach-2	38.*	Max WS	1069.85	106.01	111.13		111.16	0.000380	1.85	959.63	426.41	0.16
RIVER-1	Reach-2	37.*	Max WS	1069.83	105.84	111.11		111.13	0.000256	1.53	1158.03	460.22	0.13 0.16
RIVER-1	Reach-2	36	Max WS	1069.80	105.68	111.07		111.10	0.000367	1.85	999.02	480.10	0.16
RIVER-1	Reach-2	35.22	Max WS	1069.72	104.52	110.89	107.00	111.09	0.001281	3.53	302.90	68.01	0.29 0.30
RIVER-1	Reach-2	34.82	Max WS	1069.65	104.52	110.83	107.82	111.03	0.001329	3.58	299.02	67.68	0.30
RIVER-1	Reach-2	34.81		Bridge 1069.38	404.00	440 -4		440.07			204		0.45
RIVER-1	Reach-2	34.34 33.67*	Max WS	1069.38	104.30	110.51		110.87	0.003466	4.83	221.57 285.20	65.50	0.46 0.34
RIVER-1	Reach-2	33.67*	Max WS	1069.26	104.12	110.47		110.69	0.001799	3.75 2.66	285.20	75.95	0.34
RIVER-1	Reach-2	33	Max WS	1069.26	103.93	110.49		110.60	0.000761	2.66	536.72	464.19	0.23 0.22 0.26 0.42 0.44
RIVER-1	Reach-2	32.* 31.*	Max WS	1069.25 1069.22	103.40	110.42		110.51	0.000768	2.45	557.88	513.40	0.22
RIVER-1	Reach-2	31.*	Max WS	1069.22	102.88	110.32		110.41	0.001117	2.54 3.32	510.59 324.41	532.59	0.26
RIVER-1	Reach-2	30	Max WS	1069.20	102.35	110.03		110.20	0.003386	3.32	324.41	318.77	0.42
RIVER-1	Reach-2	29.*	Max WS	1069.15	102.34	109.68		109.88	0.003553	3.59	331.48	490.06	0.44
RIVER-1	Reach-2	28.*	Max WS	1069.06	102.33	109.37		109.57	0.003450	3.75 3.53	399.45	677.00	0.44
RIVER-1	Reach-2	27.*	Max WS	1068.88	102.33	109.14		109.29	0.002645	3.53	557.92	787.28	0.39
RIVER-1	Reach-2	26	Max WS	1068.74	102.32	109.00		109.07	0.002645 0.001512	2.88	834.37	916.02	0.44 0.39 0.30 0.36 0.37
RIVER-1	Reach-2	25.*	Max WS	1068.61	101.99	108.84		108.95	0.002255	3.32	713.03	952.87	0.36
RIVER-1	Reach-2	24.*	Max WS	1068.53 1068.23	101.66	108.65		108.76	0.002541 0.002681	3.30	649.15	746.46	0.37
RIVER-1	Reach-2	23.*	Max WS	1068.23	101.33	108.48 108.31		108.56	0.002681	3.15 2.69	693.40	874.93	0.37
RIVER-1	Reach-2	22	Max WS	1068.04	101.00	108.31		108.37	0.002248	2.69	793.60	974.43	0.34
RIVER-1	Reach-2	21.*	Max WS	1067.62	101.27	108.13		108.37 108.19	0.002248 0.002351	2.77	758.27	844.24	0.37 0.34 0.34 0.35
RIVER-1	Reach-2	21.* 20.*	Max WS	1066.77	101.54	107.94		108.00	0.002336 0.002209	2.87	753.43	770.00	0.35
RIVER-1	Reach-2	19.*	Max WS	1065.63	101.82	107.76		107.82	0.002209	2.99	758.94	738.54	0.34
RIVER-1	Reach-2	18	Max WS	1063.93	102.09	107.60		107.65	0.002055	3.07	773.81	714.22	0.33
RIVER-1	Reach-2	17.*	Max WS	1060.04	101.97	107.43		107.49	0.001900	3.08	821.45	806.10	0.32
RIVER-1	Reach-2	16.*	Max WS	1055.98	101.85	107.29		107.33	0.001616	2.80	1004.76	1185.48	0.30
RIVER-1	Reach-2	15.*	Max WS	1052.88	101.73	107.21		107.33 107.22	0.000826	1.91	1288.88	1206.37	0.21
RIVER-1	Reach-2	14	Max WS	1051.54	101.61	107.16		107.17	0.000424	1.29	1621.85	1221.49	0.15
RIVER-1	Reach-2	13.*	Max WS	1051.11	101.43	107.13		107.14	0.000327	1.05	1768.28	1224.94	0.35 0.34 0.33 0.32 0.30 0.21 0.15 0.13
RIVER-1	Reach-2	12.*	Max WS	1051.11 1050.71	101.43 101.26	107.13 107.11		107.12	0.000244	0.97	1924.16	1216.04	0.11
RIVER-1	Reach-2	11.*	Max WS	1050.35	101.08	107.10		107.10	0.000183	0.91	2088.44	1201.16	
RIVER-1	Reach-2	10	Max WS	1050.03	100.90	107.08		107.09	0.000140	0.82	2247.36	1170.69	0.19 0.11 0.15 0.20 0.29
RIVER-1	Reach-2	9.*	Max WS	1050.00	100.75	107.06		107.07	0.000214	1.06	1860.56	1026.40	0.11
RIVER-1	Reach-2	8.*	Max WS	1049.74	100.60	107.03		107.04	0.000388	1.43	1491.01	1006.58	0.15
RIVER-1	Reach-2	7.*	Max WS	1049.31	100.45	106.97		107.00	0.000672	2.03	1218.15	1126.42	0.20
RIVER-1	Reach-2	6	Max WS	1048.76	100.30	106.85		106.92	0.001433	3.11	931.31	1219.24	0.29
RIVER-1	Reach-2	5.*	Max WS Max WS	1048.25	100.15	106.72		106.79	0.001433	2.99	981.83	1291.22	0.28
RIVER-1	Reach-2	4.*	Max WS Max WS	1048.23	100.13	106.62		106.68	0.001200	2.83	1065.91	1437.61	0.26
		4." 3.*		1046.06	99.85	106.52		106.57	0.000917	2.66	1220.77	1756.00	0.28 0.26 0.24
RIVER-1	Reach-2		Max WS Max WS	1047.62	99.83	106.32		106.49	0.000555	2.10	1642.76	2211.31	0.24
RIVER-1	Reach-2	2 1.*		1047.52	99.70 99.55	106.46		106.49	0.000790	2.10	1338.16	2140.66	0.19 0.22
RIVER-1	Reach-2	Ţ. ~	Max WS		99.33 99.40	106.39	103.80	106.44	0.000790	2.67	1146.97	1863.13	0.22
RIVER-1	Reach-2	U	Max WS	1047.43	99.40	100.31	TO2.00	100.37	0.000010	2.07	1140.3/	1003.13	0.23

Appendix P-6: HEC-RAS Results, Baseline Conditions Model, 100-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

х	х	XXXXXX	XX	xx		XX	xx	х	X	XXXX
Х	X	X	Х	×		Х	Х	Х	X	X
X	X	X	X			Х	Х	Х	Х	X
XXXXXXXX		XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	Х	Х	X
Х	Х	X	x x			Х	X	X	Х	X
X	X	XXXXXX	XX	XX		X	X	Х	Х	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 11:33:24 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2	Reach-1	11900	Max WS	601.67	158.00	163.02		163.02	0.000053	0.47	1281.41	305.82	0.04
RIVER-2	Reach-1	11850.*	Max WS	598.66	157.71	163.01		163.02	0.000054	0.45	1316.06	334.38	0.04
RIVER-2	Reach-1	11800	Max WS	600.15	157.42	163.01		163.02	0.000023	0.32	1882.95	425.14	0.03
RIVER-2	Reach-1	11750.*	Max WS	600.13	156.96	163.01		163.01	0.000024	0.33	1837.49	416.35	0.03
RIVER-2	Reach-1	11700	Max WS	600.12	156.50	163.01		163.01	0.000022	0.32	1852.64	395.46	0.03
RIVER-2	Reach-1	11650.*	Max WS	598.65	156.25	163.01		163.01	0.000024	0.34	1748.14	371.65	0.03
RIVER-2	Reach-1	11600	Max WS	597.20	156.00	163.01		163.01	0.000025	0.36	1680.65	347.09	0.03
RIVER-2	Reach-1	11550.*	Max WS	598.62	155.05	163.01		163.01	0.000025	0.35	1698.91	351.33	0.03
RIVER-2	Reach-1	11500	Max WS	597.19	154.11	163.01		163.01	0.000025	0.35	1710.54	355.65	0.03
RIVER-2	Reach-1	11450.*	Max WS	597.18	154.05	163.00		163.01	0.000022	0.33	1827.44	390.87	0.03
RIVER-2	Reach-1	11400	Max WS	594.38	154.00	163.00		163.01	0.000020	0.30	1956.21	434.93	0.03
RIVER-2	Reach-1	11350.*	Max WS	594.38	154.00	163.00		163.00	0.000018	0.29	2034.90	434.94	0.02
RIVER-2	Reach-1	11300	Max WS	594.37	154.00	163.00		163.00	0.000015	0.27	2239.28	479.62	0.02 0.02
RIVER-2	Reach-1	11250.*	Max WS	595.73	154.00	163.00		163.00	0.000012	0.25	2422.30	485.57	0.02
RIVER-2	Reach-1	11200	Max WS	595.70	154.00	163.00		163.00	0.000009	0.23	2626.45	502.64	0.02
RIVER-2	Reach-1	11150.*	Max WS	595.68	153.00	163.00		163.00	0.000007	0.21	2857.07	524.52	0.02
RIVER-2	Reach-1	11100	Max WS	594.36	152.00	163.00		163.00	0.000006	0.19	3094.58	554.28	0.01
RIVER-2	Reach-1	11050.*	Max WS	594.34	152.00	163.00		163.00	0.000005	0.18	3310.35	571.83	0.01
RIVER-2	Reach-1	11000	Max WS	595.60	152.00	163.00		163.00	0.000004	0.17	3599.35	612.54	0.01
RIVER-2	Reach-1	10887.5*	Max WS	595.56	152.00	163.00		163.00	0.000003	0.15	3990.10	609.73	0.01
RIVER-2	Reach-1	10775.*	Max WS	594.31	152.00	163.00		163.00	0.000002	0.13	4521.19	625.06	0.01
RIVER-2	Reach-1	10662.5*	Max WS	594.28	152.00	163.00		163.00	0.000001	0.12	5140.64	657.83	0.01
RIVER-2	Reach-1	10550	Max WS	594.25	152.00	163.00		163.00	0.000001	0.10	5815.38	698.07	0.01
RIVER-2	Reach-1	10490.*	Max WS	594.23	151.60	163.00		163.00	0.000001	0.09	6475.89	807.77	0.01
RIVER-2	Reach-1	10430.*	Max WS	594.19	151.20	163.00		163.00	0.000001	0.08	7093.18	908.62	0.01
RIVER-2	Reach-1	10370.*	Max WS	595.20	150.80	163.00		163.00	0.000001	0.08	7676.10	1006.05	0.00
RIVER-2	Reach-1	10310.*	Max WS	594.15	150.40	163.00		163.00	0.000001	0.07	8235.14	1108.23	0.00
RIVER-2	Reach-1	10250	Max WS	593.18	150.00	163.00		163.00	0.000001	0.07	8779.71	1174.51	0.00
RIVER-2	Reach-1	10200.*	Max WS	594.99	150.00	163.00		163.00	0.000001	0.07	8156.17	1042.81	0.00
RIVER-2	Reach-1	10150	Max WS	594.07	150.00	163.00		163.00	0.000001	0.08	7553.17	876.21	0.01 0.00 0.00 0.00 0.00 0.00 0.01 0.01
RIVER-2	Reach-1	10100.*	Max WS	594.05	150.00	163.00		163.00	0.000001	0.08	7228.41	882.04	0.01
RIVER-2	Reach-1	10050	Max WS	594.04	150.00	163.00		163.00	0.000001	0.09	6944.77	803.18	0.01
RIVER-2	Reach-1	10000.*	Max WS	594.02	150.00	163.00		163.00	0.000001	0.08	7215.44	820.24	0.00
RIVER-2	Reach-1	9950	Max WS	594.76	150.00	163.00		163.00	0.000001	0.08	7505.85	842.71	0.00

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RIVER-2 RIVER-2	Reach-1	9900.*	Max WS	593.99	150.00	163.00	•	163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	0.000001 0.000001 0.000001 0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	0.07	8338.41 9060.95 9017.36 9346.52 10071.08 10884.88 13250.62 15722.64 16740.12 18084.44 17477.53 16729.20 15569.40 14359.69 13866.98 13450.48 13784.44 13966.46 13199.07	1101.11 1241.72 1485.00 1505.48 1538.83 1582.71 1718.54 1830.39 1835.90 1807.32 1738.24 1633.81 1455.78 1279.93 1178.12 1058.23 1025.35 978.18	0.00
RIVER-2	Reach-1	9850 9800.* 9750 9675.* 9600 9550.* 9500 9450.* 9400 9350.* 9300.*	Max WS	593.95	150.00 150.00	163.00		163.00	0.000000	0.07	9060.95	1241.72	0.00
RIVER-2	Peach-1	9600."	Max WS Max WS	593.92 593.21	150.00	163.00		163.00	0.000001	0.07 0.06	9346 52	1505 48	0.00
RIVER-2	Reach-1	9675.*	Max WS	593.83	149.36	163.00		163.00	0.000001		10071.08	1538.83	0.00
RIVER-2	Reach-1	9600	Max WS	593.79	148.73	163.00		163.00	0.000000	0.05	10884.88	1582.71	0.00
RIVER-2	Reach-1	9550.*	Max WS	593.75	148.36	163.00		163.00	0.000000	0.04	13250.62	1718.54	0.00
RIVER-2	Reach-1	9500	Max WS	593.71	148.00	163.00		163.00	0.000000	0.04	15722.64	1830.39	0.00
KIVER-5	Reach-1	9450.*	Max WS	593.67	147.00	163.00		163.00	0.000000	0.04	16/40.12	1835.90	0.00
RIVER-2	Reach-1	9350 *	Max WS May WS	593.60	145.00	163.00		163.00	0.000000	0.05 0.04 0.04 0.04 0.03 0.03	17477 53	1738 24	0.00
RIVER-2	Reach-1	9300	Max WS	593.28	145.02	163.00		163.00	0.000000	0.04	16729.20	1633.81	0.00
RIVER-2	Reach-1	9200.*	Max WS	593.51	144.51	163.00		163.00	0.000000	0.04	15569.40	1455.78	0.00
RIVER-2	Reach-1	9100	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	593.46	149.36 148.73 148.36 148.00 147.00 146.01 145.51 145.02 144.00 144.00 144.00 143.08 142.16 143.70 145.24	163.00		163.00	0.000000	0.04 0.04	14359.69	1279.93	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RIVER-2	Reach-1	9050.*	Max WS	593.31	144.00	163.00		163.00	0.000000	0.04	13866.98	11/8.12	0.00
RIVER-2	Reach-1	8900 *	Max WS May WS	593.42	144.00	163.00		163.00	0.000000	0.04 0.04	13784 44	1036.23	0.00
RIVER-2	Reach-1	8800	Max WS	593.35	142.16	163.00		163.00	0.000000	0.04	13966.46	978.18	0.00
RIVER-2	Reach-1	8700.*	Max WS Max WS	593.33	143.70	163.00		163.00	0.000000	0.04	13199.07	996.42	0.00
RIVER-2	Reach-1	8600	Max WS	593.30	145.24	163.00	145.98	163.00	0.000000	0.05	12677.05	998.84	0.00
RIVER-2	Reach-1	8500	Man 1.15	Ini Struct	140 56	154 20		154 57	0.003541	2 40	174 40	35 96	0.37
RIVER-2	Reach-1	843U 8350	Max WS	595.30 595.93	140.36	154.39		154.57 154.18	0.003341	3.40	1/4.49	35.86 35.97	0.27
RTVER-2	Reach-1	8250.*	Max WS	598.58	139.60	153.56		153.75	0.004340	3.56	168.12	36.59	0.29
RIVER-2	Reach-1	8150.*	Max WS	601.22	139.11	153.11		153.30	0.004513	3.57	168.25	37.31	0.30
RIVER-2	Reach-1	8050.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	603.88	138.62	152.65		152.85	0.004617	3.59	168.38	38.06	0.30
RIVER-2	Reach-1	7950.*	Max WS	606.53	138.13	152.19		152.40	0.004687	3.60	168.63	38.53	0.30
RIVER-2	Reach-1	/850.* 7750 *	Max WS	609.18 611.84	137.64	151.73		151.93	0.004726	3.60	169.08	38.89 30.10	0.30
RIVER-2	Reach-1	7650.*	Max WS	614.50	136.66	150.79		150.99	0.004736	3.61	170.14	39.40	0.31
RIVER-2	Reach-1	7550.*	Max WS	617.16	136.17	150.32		150.52	0.004763	3.61	170.97	39.53	0.31
RIVER-2	Reach-1	7450.*	Max WS	619.81	135.68	149.85		150.05	0.004736	3.61	171.91	39.62	0.31
RIVER-2	Reach-1	7350.*	Max WS	622.48	135.19	149.38		149.58	0.004695	3.60	173.09	39.75	0.30
RIVER-Z	Reach-1	9100 9050.* 9000 8900.* 8800 8700.* 8600 8450 8450 8350.* 8050.* 7950.* 7950.* 7450.* 7450.* 7450.* 7450.* 7450.* 7450.* 6950.* 6950.* 6950.* 6950.* 6950.* 6950.* 6550 6466.66* 6383.33* 6300 6250 6100.* 5900.* 5900.*	Max WS	625.15 627.81	134.70 134.21	148.90		149.10	0.004683	3.55 3.56 3.57 3.60 3.61 3.61 3.61 3.65 3.65 3.65 3.65 3.65 3.65 4.17 4.36	1/4.12 173 73	35.97 36.59 37.31 38.06 38.53 38.89 39.19 39.40 39.53 39.62 39.75 40.02 40.87	0.27 0.29 0.30 0.30 0.30 0.31 0.31 0.31 0.31 0.31
RTVER-2	Reach-1	7050.*	Max WS	630.49	133.72	147.84		148.05	0.005468	3.65	172.58	44.58	0.33
RIVER-2	Reach-1	6950.*	Max WS	633.14	133.23	147.26		147.48	0.006096	3.72	170.24	44.58 47.03	0.34
RIVER-2	Reach-1	6850.*	Max WS	635.41	132.74	146.62		146.85	0.006827	3.83	165.73	47.69	0.36
RIVER-2	Reach-1	6750.*	Max WS	591.30	132.25	146.00		146.21	0.006504	3.65	162.00	48.47	0.35
RIVER-2	Reach-1	6550.°	Max WS	643.73	131.70	143.27		143.34 144 80	0.000042	4.17	147 59	46.79	0.41
RIVER-2	Reach-1	6466.66*	Max WS	645.90	132.84	143.94		144.17	0.007443	3.83 3.47 3.68 4.18 5.11 4.26 3.67 3.27	168.69	58.18	0.40
RIVER-2	Reach-1	6383.33*	Max WS	648.05	134.40	143.50		143.69	0.004312	3.47	186.78	52.97	0.33
RIVER-2	Reach-1	6300	Max WS	650.21	135.97	143.16		143.37	0.003327	3.68	176.45	39.26	0.31
RIVER-2	Reach-1	6250	Max WS	651.50	136.00	142.90		143.18	0.004615	4.18 5.11	135.76	36.32 28.45	0.36
RIVER-2	Reach-1	6200 6100 *	Max WS May WS	655 O3	133.00	142.40		142.00	0.007038	4.26	153.75	35.76	0.36
RIVER-2	Reach-1	6000.*	Max WS	657.53	134.50	141.64		141.85	0.003705	3.67	179.22	43.73	0.32
RIVER-2	Reach-1	5900.*	Max WS	659.94	134.25	141.29		141.45	0.003188	3.27	202.03	53.40	0.30
RIVER-2	Reach-1	5800.*	Max WS	662.32	134.00	140.90		141.04	0.003867	3.00	220.83	47. 69 48. 47 46. 79 46. 02 58. 18 52. 97 39. 26 36. 32 28. 45 35. 76 43. 73 53. 40 78. 27 125. 36 145. 06 161. 33 28. 96 60. 66	0.34 0.36 0.35 0.41 0.43 0.40 0.33 0.36 0.43 0.32 0.30 0.31 0.35 0.43
RIVER-2	Reach-1	5/00.*	Max WS	662.03	133./5	140.44		140.56	0.005416	2.79 2.75 3.04 7.96 4.52 3.34 2.76 2.40	237.40 243.17	145.30	0.33
RIVER-2	Reach-1	5500.*	Max WS Max WS	690.48	133.25	139.03		139.38	0.0038841	3.04	229.19	161.33	0.43
RIVER-2	Reach-1	5400	Max WS	690.08	133.00	136.91		137.89	0.026414	7.96	86.65	28.96	0.81
RIVER-2	Reach-1	5304.54*	Max WS	692.26	132.73	135.70		136.02	0.009948	4.52	153.26	60.66	0.50
RIVER-2	Reach-1	5209.09*	Max WS	693.92	132.45	135.07		135.24	0.006420	3.34	207.50	93.81	0.40
RIVER-2	Reach-1	5113.63*	Max WS	695.49	132.18	134.59		134.70	0.005060	2.70	200.83	162 40	0.33
RIVER-2	Reach-1	4922 72*	Max WS	699.54	131.64	133.82		133.90	0.004343	2.15	325.06	198.30	0.30
RIVER-2 RIVER-	Reach-1 Reach-1	5500.* 5400.* 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45*	Max WS Max WS	\$93.99 \$93.95 \$93.92 \$93.93 \$93.79 \$93.71 \$93.67 \$93.60 \$93.28 \$93.31 \$93.46 \$93.31 \$93.46 \$93.31 \$93.30 \$93.30 \$93.30 \$93.30 \$93.30 \$93.30 \$93.30 \$93.30 \$93.31 \$93.46 \$93.31 \$93.46 \$93.46 \$93.47 \$93.40 \$93.30 \$94.60 \$95.91 \$62.03 \$690.92 \$690.93 \$707.29 \$709.50 \$711.79 \$711.79 \$711.93 \$711.93	140.56 140.09 139.60 139.11 138.62 138.13 137.64 136.17 135.68 135.19 134.70 134.71 133.72 133.72 133.72 133.73 132.74 132.25 131.27 132.84 134.40 135.97 136.00 135.97 136.00 137.15 134.75 135.75 136.00 137.75	154.39 153.98 153.98 153.55 153.11 152.65 152.19 151.73 151.26 150.79 150.32 149.85 149.38 148.39 147.84 147.26 146.62 146.62 146.62 146.62 146.62 146.62 146.62 146.62 146.90 143.96 143.96 143.96 141.29 140.90 140.44 141.29 140.90 140.44 141.29 140.90 140.44 141.59 135.70 135.70 135.70 135.70 135.70 135.70 135.70 135.89 139.23 136.91 135.70 135.89 139.23 136.91 135.70 135.89 139.23 136.91 135.70 135.89 139.23 136.91 135.70 135.89 139.23 136.91 135.70 135.89 139.23 130.88 132.84 132.88 132.88 130.88 130.88 130.88 130.88 130.88 130.04 129.75		154.57 154.18 153.75 153.30 152.85 152.40 151.93 150.59 150.52 150.05 149.58 149.10 148.05 147.48 146.21 145.54 144.17 143.18 144.29 141.89 144.17 143.37 143.18 142.29 141.85 141.04 140.50 139.38 141.04 140.50 139.38 137.89 136.02 135.24 134.70 134.70 133.95 133.21 132.88 132.14 130.95 130.46 130.09 129.78	0.003541 0.004340 0.004419 0.004413 0.004617 0.004687 0.004726 0.004776 0.004776 0.004736 0.004736 0.004695 0.004695 0.004687 0.005468 0.006927 0.0052468 0.006827 0.006827 0.006827 0.006504 0.008842 0.010092 0.007443 0.004312 0.003327 0.004615 0.003687 0.005688 0.003867 0.005416 0.005889 0.005416 0.005642 0.005642 0.005643 0.005436 0.005643 0.005436 0.005645 0.005645 0.005645 0.005645 0.005645 0.005645 0.005645 0.005645 0.005645 0.005657 0.003709 0.004051 0.004738 0.004738 0.004738 0.004738 0.004738 0.004738	2.15 1.97 1.83 1.72 1.66 1.66 2.26 2.11 1.87	174 . 49 168 . 07 168 . 12 168 . 25 168 . 38 169 . 08 169 . 08 169 . 60 170 . 14 170 . 91 173 . 09 174 . 12 173 . 73 172 . 58 170 . 54 165 . 73 162 . 00 153 . 68 147 . 59 168 . 69 186 . 78 175 . 75 179 . 22 20 . 83 237 . 40 243 . 17 229 . 19 86 . 65 153 . 26 207 . 50 2290 . 83 3255 . 22 388 . 31 408 . 88 427 . 41 315 . 30 339 . 24 382 . 84 439 . 64	60.66 93.81 127.64 162.40 198.30 238.14 281.97 333.74 392.00 444.27 458.78 469.78 471.11	0.40 0.35 0.32 0.28 0.28 0.27 0.28 0.30 0.48 0.37 0.37
RIVER-2	Reach-1	4731.81*	Max WS	703.33	131.09	133.16		133.21	0.003657	1.83	383.31	281.97	0.28
RIVER-2	Reach-1	4636.36*	Max WS	705.25	130.82	132.84		132.88	0.003709	1.72	408.88	333./4	0.27
RIVER-2	Reach-1	4540.90*	Max WS	707.29	130.55 130.27	132.48 132.10		132.33 132 14	0.004051	1.00	423.33 427 41	444.27	0.20
KTAFK-7	Reach-1	4443.43° 4350	Max WS	709.30 711 79	130.27	131.48		131.56	0.013715	2.26	315.30	458.78	0.48
RIVER-2 RIVER-2	Reach-1	4260.*	Max WS	713.73	129.40	130.88		130.95	0.011080	2.11	339.24	469.78	0.44
RIVER-2	Reach-1	4350 4260.* 4170.* 4080.* 3990.*	Max WS	715.64	128.80 128.20	130.41		130.46	0.007523	1.87	382.84	471.11	0.37
RIVER-2	Reach-1	4080.*	Max WS	717.59	128.20	130.04		130.09	0.004959 0.003736	1.63 1.49	439.64 483.63	485.05 496.14	0.30 0.27
RIVER-2	Reach-1	3990.™	Max WS	/19.31	127.60	129.75		129.78	0.003/30	1.49	403.03	430.14	0.27

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RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	3900 3800.* 3700.* 3600.* 3500.* 3400.* 3300.* 3200.* 3100.* 3200.* 2900 2812.5* 2725.* 2637.5* 22550.* 2462.5* 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.* 1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 370.769* 275.384* 180	Max WS	721.08	127.00 126.70 126.40 126.10	129.52	·	129.55	0.003216	1.41 1.42 1.42 1.42	511.74	508.93 502.45 496.44 491.17 487.07	0.25 0.25 0.25 0.24 0.24 0.24 0.25 0.26 0.26 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25 0.26 0.25
RIVER-2	Reach-1	3800.*	Max WS	723.65	126.70	129.27		129.30	0.003204	1.42	510.81	502.45	0.25
RIVER-Z	Reach-1	3/00.*	Max WS Max WS	720.23 728 72	126.40	129.02		129.03	0.003000	1.42	511.3U 513.37	490.44 491 17	0.23
RIVER-2	Reach-1	3500.*	Max WS	731.21	125.80	128.53		128.56	0.003033	1.41	517.90	487.07	0.24
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	3400.*	Max WS	733.78	125.50	128.29		128.32	0.002921	1.41 1.40	521.86	484.48	0.24
	Reach-1	3300.*	Max WS	736.33	125.20	128.04		128.07	0.002877	1.40	524.83	483.28	0.24
RIVER-2	Reach-1	3200.*	Max WS	738.88	124.90	127.79		127.82	0.002854	1.40	526.22	481.03	0.24
RIVER-2	Reach-1	3100.*	Max WS	/41.44 744.01	124.60	127.55		127.56	0.002874	1.41	524.74	4//.05	0.24
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2900	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	746.58	124.00	126.94		126.97	0.003104	1.46	510.18	510.00	0.26
RIVER-2	Reach-1	2812.5*	Max WS	748.72	123.52	126,65		126.68	0.003867	1.50	500.24	521.71	0.27
RIVER-2 RIVER-2	Reach-1	2725.*	Max WS	750.83	123.03	126.38		126.41	0.003904	1.50	498.99	519.94	0.27
RIVER-2	Reach-1	2637.5*	Max WS	752.94	122.55	126.13		126.16	0.003669	1.41 1.44 1.50 1.50 1.48 1.46 1.48	509.09	487.07 488.48 483.28 481.03 477.65 481.63 510.00 521.71 519.94 519.54 518.55 515.95 514.32	0.26
RIVER-2	Reach-1	2550.**	Max WS	/55.06 757.18	122.07	125.87		125.91	0.003505	1.46	510.05 513 02	518.33 515 9 5	0.26
RIVER-2	Reach-1	2375	Max WS	759.28	121.10	125.33		125.37	0.003363	1.47	518.28	514.32	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2279.16*	Max WS	761.57	121.07	125.06		125.09	0.003344	1.44	529.74	525.95	0.25
RIVER-2	Reach-1	2183.33*	Max WS	763.82	121.03	124.77		124.80	0.003449	1.44	529.87	536.40	0.26
RIVER-2	Reach-1	2087.5*	Max WS	766.10	121.00	124.50		124.53	0.003392	1.42	557.63	547.03	0.25
RIVER-Z	Reach-1	1991.66*	Max WS	708.30 770.62	120.97	124.20		124.29	0.003066	1.37	591.65	571.92	0.24
RIVER-2 RIVER-2	Reach-1	1800	Max WS	772.83	120.90	123.84		123.86	0.002155	1.22	634.62	581.45	0.21
RIVER-2	Reach-1	1705.*	Max WS	775.07	120.43	123.64		123.67	0.002354	1.28	605.59	550.22	0.21
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1610.*	Max WS	777.28	125.80 125.50 125.50 124.90 124.60 124.30 123.52 123.03 122.55 122.07 121.07 121.07 121.07 121.09 120.97 120.93 120.90 120.43 119.95 119.47	123.43		123.45	0.002657	1.42 1.37 1.22 1.28 1.36 1.46 1.61 1.57 1.55 1.49	573.34	525, 95 536, 40 547, 03 559, 13 571, 92 581, 45 550, 22 523, 25 503, 22 479, 05 580, 82 580, 93 579, 88 576, 63 572, 95	0.23
RIVER-2	Reach-1	1515.*	Max WS	//9.50	119.47	123.18		123.21	0.002994	1.46	338.28 407.72	303.22 470 05	0.24
RIVER-2	Reach-1	1324 61*	Max WS	781.72 781.68	119.00 118.62 118.23 117.85	122.57		122 58	0.003626	1.61	505.66	580.82	0.27
RIVER-2	Reach-1	1229.23*	Max WS	781.62	118.23	122.23		122.27	0.003500	1.57	522.15	580.93	0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	1133.84*	Max WS	781.55	117.85	121.92		121.96	0.003462	1.55	532.03	579.88	0.26
RIVER-2	Reach-1	1038.46*	Max WS	781.47	117.46	121.62		121.66	0.003441	1.52	539.36	576.63	0.26
RIVER-2	Reach-1	943.076*	Max WS	/81.38 701.22	117.08	121.35		121.38 121.11	0.003373	1.49	547.43 550.66	5/2.93 568 29	0.26
RIVER-2	Reach-1	752.307*	Max WS Max WS	781.17	116.31	120.79		120.82	0.003340	1.50	535.13	522.40	0.25
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	656.923*	Max WS	781.11	117.08 116.69 116.31 115.92 115.54 115.15 114.77 114.38 114.00 169.00 168.75 168.50 168.25 168.00 167.02 166.04	120.49		120.53	0.003402	1.50 1.57 1.64 1.68	511.01	572.95 568.29 522.40 471.53 429.83 385.58 327.55 261.61 101.55 142.45 152.20 161.00	0.26
RIVER-2	Reach-1	561.538*	Max WS	781.08	115.54	120.20		120.24	0.003477	1.64	489.29	429.83	0.26
RIVER-2	Reach-1	466.153*	Max WS	781.05	115.15	119.93		119.98	0.003497	1.00 1.78	400.00 427 83	303.30 327 55	0.27
RIVER-2 RIVER-2 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	370.769" 275 384*	Max WS	780.33 780.35	114.77	119.36		119.72	0.005471	1.78 2.15 3.29 2.90 2.71	350.58	261.61	0.34
RIVER-2	Reach-1	180	Max WS	736.14	114.00	118.77		118.94	0.006396	3.29	223.73	101.55	0.39
RIVER-1	Reach-1	326 325.5* 325.* 324.5*	Max WS	150.61	169.00	170.61		170.71	0.005302	2.90	80.29	142.45	0.48
RIVER-1	Reach-1	325.5*	Max WS	149.94	168.75	170.38		170.46	0.004623	3.01	87.88 90.91	152.20	0.43
RIVER-1	Reach-1	323.° 324.5*	Max WS	170.01	168 25	169 79		169.90	0.003793	3.17	91.86	183.62	0.54
RTVER-1	Reach-1	324.3	Max WS	170.18	168.00	169.55		169.61	0.004506	3.17 2.67	114.61	200.80	0.45
RIVER-1	Reach-1	323.*	Max WS	170.25	167.02	169.06		169.27	0.007016	3.94	65.77	162.42	0.58
RIVER-1	Reach-1	322	Max WS	172.58	166.04	168.23	168.07	168.62	0.012362	5.11	38.12	54.46	0.76
RIVER-1	Reach-1	320	Max WS	196.51	166.00	167.36		167.02	0.000360	3.31 1.78	166 48	371.47	0.33
RIVER-1	Reach-1	318	Max WS	196.62	166.00	167.19		167.22	0.002599	1.50	166.54	506.53	0.31
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	324 323.* 322 320 319.* 318 317.*	Max WS	197.50	165.50	166.96		166.99	0.002425	3.94 5.11 3.31 1.78 1.50 1.40	150.21	161.00 183.62 200.80 162.42 54.46 254.56 371.47 506.53 391.53 178.52 155.82 240.03 276.60	0.39 0.45 0.45 0.50 0.54 0.58 0.76 0.54 0.33 0.31 0.30 0.51
RIVER-1	Reach-1	316	Max WS	198.39	165.00	166.46		166.53	0.007442	2.10 2.05 2.02 2.71 2.13 3.16 2.09 3.62	94.57	178.52	0.51
RIVER-1	Reach-1	315.*	Max WS	201.46	164.50	165.82		165.89	0.005613	2.05	98.38 135.65	240 03	0.43
RIVER-1	Reach-1	314 313 *	Max WS	204.39 206.34	163.50	165.00		165.09	0.002033	2.71	116.93	276.60	0.46
RIVER-1	Reach-1	312	Max WS	208.43	163.00	164.68		164.71	0.003196	2.13	185.15	355.81	0.37
RIVER-1 RIVER-1	Reach-1	311.*	Max WS	210.59	162.50	164.17		164.27	0.007147	3.16	114.84	231.66	0.55
RIVER-1	Reach-1	310	Max WS	212.94	162.00	163.78		163.81	0.002307	2.09	1/3.41	232.34	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	316 315.* 314 313.* 312 311.* 310 309.* 308	MAX WS MA	721.08 723.65 726.23 728.72 731.72 731.78 736.38 738.88 741.44 744.58 748.72 750.88 745.06 757.766.10 768.36 766.10 768.36 777.28 779.50 781.68 781.62 781.47 781.32 781.47 781.08 781.97 781.69 781.79 781.69 781.79 781.69 781.79 781.69 781.79 781.78 781.99 781.79 781.99 780.35 781.77 781.98 781.99 780.35 781.97 781.98 781.99 780.35 780.35 780.3	166.00 166.00 165.50 165.00 164.50 164.00 163.50 162.50 162.50 162.70 165.51 159.76	Kitec 129.52 129.62 129.71 129.02 128.77 128.53 128.04 127.79 127.53 126.94 126.65 126.38 126.38 126.38 126.38 126.38 127.70 124.50 124.77 124.50 124.77 124.50 124.77 124.50 124.77 127.53 127.62 127		129.55 129.30 128.80 128.56 128.32 128.07 127.28 126.68 126.41 126.68 126.41 125.63 125.63 125.63 125.09 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 126.68 127 121.98 129.19 120.53 120.53 120.66 121.38 121.19.98 129.91 120.82 120.83	0.003216 0.003204 0.003165 0.003199 0.002997 0.002997 0.002874 0.002874 0.003193 0.003493 0.003669 0.003505 0.003505 0.003505 0.003585 0.003472 0.003449 0.003669 0.003669 0.003585 0.003472 0.003472 0.003441 0.003669 0.003666 0.003606 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506 0.004506	1.84	511.74 510.81 511.30 513.37 517.90 521.86 524.83 526.22 524.74 515.56 510.18 500.24 498.99 516.65 513.28 529.74 529.78 529.78 537.63 559.65 634.62 605.33 538.28 497.72 555.66 533.38 497.72 538.28 497.72 537.63 538.28 497.72 538.28 497.72 538.28 497.72 539.36 547.43 559.36 547.43 559.56 531.09 549.29 549.88 549.29 549.88 549.79 559.88	231.66 232.54 261.80 166.20 310.70	0.46 0.37 0.55 0.33 0.62 0.28 0.46 0.54 0.25 0.26 0.34 0.35
RIVER-1	Reach-1	307.*	Max WS	218.02	159.76	162.57		162.69	0.004598	1.84 2.91 3.56 3.20 1.57 1.90	98.03	310.70	0.46
RIVER-1	Reach-1	306 305.*	Max WS	219.12	159.00	162.19		162.36	0.007616	3.56	106.59	587.83	0.58
KTAFK-T	Reach-1	305.*	Max WS	220.53	159.00 159.00 158.75	161.66		161.81	0.006705	3.20	103.28	519.25 693.08	U.54
RIVER-1	Reach-1	304	Max WS	218.97	159.00	161.41 161.30		161.43 161.33	0.001373	1.90	255.11	665.32	0.26
RIVER-1 RIVER-1	KeaCh-1	303.* 302	Max WS	210.// 220 10	158 50	161.16		161.24	0.002165	2.84	214.06	683 28	0.34
RIVER-1	Reach-1	302 301.*	Max WS Max WS Max WS	221.67	158.25	160.97		161.05	0.002266	2.84 2.81 2.53 2.87	175.47	321.89 262.45 210.37	0.35
RIVER-1	Reach-1	300	Max WS	222.79	158.25 158.00 158.31	160.80		160.86	0.002042	2.53	181.36	262.45	0.32
RIVER-1	Reach-1	299.*	Max WS	220.45	158.31	160.61		160.68	0.002642	2.87	159.05	210.37	0.37

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RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	234.153* 233.076* 233.2 231.* 230.2 229.* 227.* 226.2 225.* 224.2 221.* 220.2 221.*	MAX WS MAX WS	276.79 276.79 276.77 276.29 276.30 290.23 290.43 290.61 290.83 290.95 291.97 291.51 291.64 291.51 291.64 291.77 291.62 291.77 291.64 291.79 346.50 346.53 346.50 Culvert 346.50 346.47 346.46 346.46 346.41 3	135.73 135.37 135.00 135.00 135.00 134.00 134.00 133.85 133.25 133.12 133.00 132.70 131.80 131.98 132.75 132.62 132.50 131.88	138. 93 138. 71 138. 29 137. 98 137. 90 137. 82 137. 57 137. 23 136. 90 136. 58 136. 58 136. 58 136. 58 135. 75 135. 75 135. 44 135. 28 135. 16 135. 16 135. 16 135. 16 135. 16 135. 16 135. 16 135. 16		139.14 138.92 138.56 137.91 137.84 137.73 137.61 137.31 137.31 136.69 136.31 135.56 135.40 135.40 135.27 135.10 134.63 134.63 134.63 134.63	0.003523 0.005083 0.010532 0.003386 0.000498 0.000802 0.001286 0.001564 0.005613 0.005664 0.005485 0.003617 0.00590 0.004481 0.001094 0.001926 0.004088 0.003013 0.00590 0.00488	3.65	84.02 108.05 121.24 209.44 431.87 361.37 296.34 261.82 163.04 155.30 159.96 193.19 188.72	120.20 234.27 413.51 445.70 502.89 453.72 430.96 364.79 307.91 292.69 282.00 276.09 275.29 289.19 311.58 291.01 347.53 327.72 307.93 246.67 290.04	0.41 0.45 0.34 0.17 0.21 0.23 0.41 0.42 0.35 0.44 0.39 0.18 0.20 0.20 0.20 0.31 0.31 0.32 0.40
RIVER-1	Reach-1	233.076*	Max WS May WS	276.77	135.37	138.71		138.56	0.003083	4.04 5.06 2.80	121.24	413.51	0.43
RIVER-1	Reach-1	231.*	Max WS	276.29	135.00	137.98		138.05	0.003386	2.80	209.44	445.70	0.34
RIVER-1 RIVER-1	Reach-1	230	Max WS	276.30	135.00	137.90		137.91	0.000498	1.11	431.87	502.89	0.13
RIVER-1	Reach-1	229.*	Max WS	290.23	134.50	137.82		137.84	0.000802	1.51	361.37	453.72	0.17
RIVER-1	Reach-1	228 227 *	Max WS	290.43 290.61	134.00	137.70 137.57		137.73 137.61	0.001286	2.02	290.34 261.82	430.96 364 79	0.21
RTVER-1	Reach-1	226	Max WS	290.83	133.70	137.23		137.31	0.005613	2.95	163.04	307.91	0.41
RIVER-1	Reach-1	225.*	Max WS	290.95	133.48	136.90		137.00	0.005493	3.26	158.01	292.69	0.42
RIVER-1	Reach-1	224	Max WS	291.07	133.25	136.58		136.69	0.005664	3.61	155.30	282.00	0.43
RIVER-1	Reach-1	223.^ 222	Max WS	291.22	133.12	130.22		136.31	0.003463	2.34	193.90	275.29	0.42
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	221.*	Max WS	291.51	132.70	135.75		135.81	0.003617	1.51 2.02 2.02 2.95 3.26 3.61 3.54 2.83 3.05	188.72	289.19	0.35
RIVER-1	Reach-1	220	Max WS	291.64	132.40	135.44		135.56	0.005900	3.90 3.72 1.86	188.72 158.80 157.53 296.91 281.00 254.57 158.18 201.42 219.77 235.36 64.81 77.62	311.58	0.44
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	219.*	Max WS	291.59	131.80	135.28		135.40	0.004481	3.72	157.53	291.01	0.39
RIVER-I	Reach-1	218 217 *	Max WS	291.62 291.77	131.20	135.25		135.27	0.000911	1 80	281.00	327.72	0.10
RIVER-1	Reach-1	216	Max WS	291.94	132.75	135.05		135.08	0.001526	1.73 2.99 2.23 2.52	254.57	307.93	0.22
RIVER-1	Reach-1	215.*	Max WS	313.11	132.62	134.81		134.91	0.004888	2.99	158.18	246.67	0.40
RIVER-1	Reach-1	214	Max WS	313.19	132.50	134.57		134.63	0.003013	2.23	201.42	290.04	0.31
RIVER-1 RIVER-1	Reach-1	213." 212	Max WS	340.00 346.53	131.00	134.37 134.24		134.43	0.002277	2.32	219.77	181 76	0.31
DTV/CD 1	Reach-1	211.065*	Max WS	346.52	131.25 130.32 129.39	133.38		133.83	0.011906	2.93 5.35 4.46	64.81	181.76 29.53 39.19	0.64
RIVER-1	Reach-1	210.13	Max WS	346.50	129.39	132.92		133.23	0.001050	4.46	77.62	39.19	0.42
RIVER-1	Reach-1	209.23	***** 1:15	Culvert		122 72		122 00	0.000407	2 27		64 65	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	218 217.* 216 215.* 214 213.* 212 211.065* 210.13 209.23 208.43 205.91 205.49 204.44 203.626* 202.813* 202. 201.36 200.405* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 199.451* 191.817* 191.817* 191.817* 191.817* 190.862* 189.908* 188.954*	Max WS Max WS	346.50 346.50	128.67 129.85 129.75 129.62 129.49 129.08 128.88 128.72 128.48 128.72 127.76 127.52 127.28 127.04 126.81 126.57 126.33 126.09 125.85 125.61 125.37 125.29	132 . 73 132 . 44 132 . 34 132 . 20 132 . 07 131 . 87 131 . 67 131 . 48 131 . 33 131 . 10 130 . 68 130 . 48 130 . 31 130 . 17 130 . 04 129 . 92 129 . 88 129 . 83 129 . 83 129 . 80 129 . 80		132.90 132.79 132.68 132.55 132.41 132.20 131.81 131.65 131.42 130.78 130.78 130.79 130.42 130.27 130.02 129.97 129.93 129.87 129.87 129.84	0.000497 0.002561 0.002570 0.002572 0.002547 0.002547 0.002470 0.002414 0.002430 0.002317 0.002220 0.002083 0.001903 0.001903 0.001685 0.001442 0.000773 0.000610 0.000482 0.000309 0.000251 0.000255 0.000144	3.37 4.71 4.69 4.66 4.66 4.55 4.55 4.57 4.55 4.51 4.35 4.22 4.38	102.82 73.53 73.59 73.84 74.15 75.38 76.21 75.76 76.14 76.88 79.64 82.09 85.54 89.97 95.94 103.69 112.08 121.08 121.08 121.08 121.08 121.08 121.08	64.65 36.71 36.90 37.15 37.49 38.12 38.52 38.13 38.10 38.15 38.46 38.78 39.94 40.83 41.98 43.15 44.39 45.63 46.91 46.84	0.29 0.59 0.59 0.58 0.58 0.57 0.57 0.55 0.53 0.51 0.48 0.45 0.30 0.27 0.22 0.20
RIVER-1	Reach-1	205.49	Max WS	346.47	129.75	132.34		132.68	0.002570	4.71	73.59	36.90	0.59
RIVER-1	Reach-1	204.965*	Max WS	346.47	129.62	132.20		132.55	0.002562	4.69	73.84	37.15	0.59
RIVER-1	Reach-1	204.44	Max WS	346.46	129.49	132.07		132.41	0.002549	4.67	74.15	37.41 37.60	0.58
RIVER-1	Reach-1	203.626* 202.813*	Max WS	346.46 346.43	129.29	131.67		132.21	0.002347	4.60	74.37 75.38	38.12	0.58
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	202.013	Max WS	346.42	128.88	131.48		131.81	0.002414	4.55	76.21	38.52	0.57
RIVER-1	Reach-1	201.36	Max WS	346.42	128.72	131.33		131.65	0.002430	4.57	75.76	38.13	0.57
RIVER-1	Reach-1	200.405*	Max WS	346.41	128.48	131.10		131.42	0.002388	4.55	/6.14 76.88	38.10 38.15	0.57
RIVER-1	Reach-1	199.451*	Max WS Max WS	346.37	128.24	130.68		130.98	0.002317	4.44	77.96	38.25	0.55
RIVER-1	Reach-1	197.542*	Max WS	346.30	127.76	130.48		130.78	0.002083	4.35	79.64	38.46	0.53
RIVER-1 RIVER-1 RIVER-1	Reach-1	196.588*	Max WS	346.09	127.52	130.31		130.59	0.001903	4.22	82.09	38.78	0.51
RIVER-1	Reach-1	195.634*	Max WS	345.58 343.88	127.28 127.04	130.17		130.42	0.001685	4.04 3.82	89.97	39.30 39.94	0.46
RTVER-1	Reach-1	193.725*	Max WS	275.94	126.81	129.96		130.09	0.000773	200	95.94	40.83	0.33
RIVER-1	Reach-1	192.771*	Max WS	273.88	126.57	129.92		130.02	0.000610	2.64	103.69	41.98	0.30
RIVER-1	Reach-1	191.817*	Max WS	271.95	126.33	129.88		129.97	0.000482	2.43	112.08	43.15	0.27
RIVER-1	Reach-1	190.862*	Max WS	2/0./4 270.13	126.09 125.85	129.85		129.93	0.000384	2.24	130.54	45.63	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	188.954*	Max WS	270.11	125.61	129.81		129.87	0.000251	2.64 2.43 2.24 2.07 1.92 1.79	140.53	46.91	0.20
RIVER-1	Reach-1	188	Max WS Max WS	269.47	125.37	129.80		129.85	0.000205	1.79	150.87	48.17	0.18
RIVER-1	Reach-1	187.7	Max WS	269.47	125.29	129.80		129.84	0.000144	1.61	166.96	46.84	0.15
RIVER-1	Reach-1	187.68 187.65	May WS	265 35	125 27	129.81		129.84	0.000103	1.42	189.78	52.64	0.13
RIVER-1	Reach-1	187.2	Max WS	504.85	125.15	129.69		129.77	0.000223	2.15	237.04	52.64 62.75	0.19
RIVER-1	Reach-1	187.15	Max WS Max WS Max WS Max WS Max WS	511.95	125.27 125.15 125.13 125.09 123.29	129.81 129.69 129.69 129.70 129.53		129.84 129.77 129.76 129.76 129.77	0.000103 0.000223 0.000243 0.000194 0.000384	1.42 2.15 2.20	189.78 237.04 233.07 258.78 129.75	61.87 68.42	0.13 0.19 0.20 0.18 0.28
RIVER-1	Reach-1	187	Max WS	511.95	125.09	129.70		129.76	0.000194	1.98 3.94	258.78 120.75	68.42 71.92	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	186.81		Culvert		129.55		129.77	0.000364	3.94			
RIVER-1	Reach-1	185.39	Max WS	511.40	122.78	129.41		129.60	0.000280	3.51	145.77	48.70	0.24
RIVER-1	Reach-1	184.5	Max WS	511.60	126.00	129.49		129.52	0.000793	1.97	523.74	396.27	0.21
RIVER-1	Reach-1	184	Max WS	511.56	126.00	129.44		129.47	0.000/51	2.06 3.51	312.31 267 15	216 59	0.21
RIVER-1	Reach-1	183.° 182	Max WS Max WS	521.71	126.00	129.19		129.25	0.001828	2.61	303.74	203.90	0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	188 187.7 187.68 187.65 187.2 187.15 186.81 186.80 185.39 184.5 184 183.* 182. 181.* 180 179.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	523.11	122.78 126.00 126.00 126.00 126.00 126.00 126.00 125.00 124.00	129.41 129.49 129.44 129.29 129.19 128.97 128.71 128.45 128.31 128.13 127.76		129.60 129.52 129.47 129.40 129.25 129.04 128.78 128.51 128.34 128.16 127.83 127.59	0.000280 0.000793 0.000751 0.002741 0.001828 0.002594 0.002922 0.002631 0.000935 0.001520 0.003115	3.51 1.97 2.06 3.51 2.61 2.89 2.80 1.81 2.35 3.29 3.66	145.77 523.74 512.31 267.15 303.74 274.46 296.72 346.59 524.53 450.48 345.93 320.95	48.70 396.27 388.44 216.59 203.90 215.70 300.51	0.24 0.21 0.21 0.36 0.26 0.31 0.32 0.31 0.18 0.24
RIVER-1	Reach-1	180	Max WS	524.39	126.00	128.71		128.78	0.002922	2.80	296.72 346.50	300.51 372 80	0.32 0.31
KTAFK-T	Reach-1	179.*	Max WS	568.32 569.63	124.00	128.45 128.31		128.31 128.34	0.002631	2.80 1.81	524.53	372.89 440.75	0.18
RIVER-1 RIVER-1	Reach-1	178 177.* 176 175.*	Max WS Max WS	571.91		128.13		128.16	0.001520	2.35	450.48	451.29 447.34 460.19	0.24
RIVER-1	Reach-1	176	Max WS	574.21	124.00 123.50	127.76		127.83	0.003315	3.29	345.93	447.34	0.34
RIVER-1	Reach-1	175.*	Max WS	582.46	123.50	127.49		127.59	0.004114	3.66	320.95	460.19	0.38

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RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	174 173.*	Max WS	582.21 581.90 582.77 583.45 583.45 583.45 583.45 583.45 583.45 583.85 584.99 585.97 587.65 589.28 589.20 590.00 590.48 590.00 590.48 590.29 612.64 630.77 644.25 643.93 662.82 663.93 662.82 668.80 672.57 678.40 680.37 685.28 687.65 680.30 690.40 680.40 680.40 680.40 680.40 680.40 680.40 680.40 680.40 693.38 696.28 690.40 693.38 696.29 706.21 706.21 706.21 706.21 706.21 706.21 706.03 775.05	123.00 123.50	127.25		127.34	0.003300 0.001815 0.000562 0.000863 0.001319 0.002209 0.001941	3.30 2.36	369.56 499.03	567.41 644.87 748.13	0.34 0.25
RIVER-1	Reach-1	1/3.* 172	Max WS	581.95 581.90	123.30	127.14 127.10		127.10	0.001813	1.27	783.88	044.07 748 13	0.25
RIVER-1 RIVER-1	Peach-1	171 *	Max WS Max WS	582 77	124.00	127.10		127.11	0.000362	1.54	699 14	785 78	0.17
RIVER-1	Reach-1	170	Max WS	583.36	124.00	126.89		126.90	0.001319	1.84	583.85	689.52	0.21
RIVER-1	Reach-1	169.*	Max WS	583.45	124.00 123.50	126.79		126.82	0.002209	1.84 2.53 2.46	583.85 511.73 479.91	689.52 795.90 606.53	0.21 0.28 0.26
RIVER-1	Reach-1	168	Max WS Max WS	583.85	123 00	126.67		126.71	0.001941	2.46	479.91	606.53	0.26
RIVER-1	Reach-1 Reach-1 Reach-1	167.*	Max WS	584.41	122.50	126.56		126.59	0.001502	2.34	541.45	693.19	0.24
RIVER-1 RIVER-1	ĸeacn-⊥	166 *	Max WS Max WS	584.99	122.50 122.00 121.00	126.49		126.51	0.000974	1.99	671.20 563.47	851.81	0.19
RIVER-1 RIVER-1	Reach-1	164	Max WS	587 65	120 00	125.20		125.92	0.001505	1.99 2.75 2.20	575.02	762.24	0.22
RIVER-1	Reach-1 Reach-1	163.*	Max WS Max WS Max WS	588.52	120.00	125.74		125.79	0.002210	2.96	575.02 500.61	991.92 762.24 830.53	0.19 0.26 0.22 0.27
RIVER-1	Reach-1 Reach-1	162	Max WS	589.28	120.00	125.39		125.60	0.005575	4.86	306.96	736.66	0.44
RIVER-1	Reach-1	172 171.* 170 169.* 168 167.* 166 165.* 164 163.* 162 161.*	Max WS	588.78	120.00 120.00 120.25 120.50	125.08		125.18	0.002885	2.26 4.86 3.37 1.95 1.85 1.69 2.21	306.96 391.21 588.61 593.91 621.25 537.89	736.66 688.60 716.39 739.53 769.25 776.24 748.79	0.44 0.33 0.20 0.19 0.18 0.22 0.36 0.30 0.20 0.21 0.22
RIVER-1	Reach-1	160 159.*	Max WS Max WS	289.10	120.50	124.94		124.90	0.001055	1.95	503.01	710.39	0.20
RIVER-1 RIVER-1	Reach-1	158	Max WS	590.00	120.25 120.00	124.75		124.78	0.000370	1.69	621.25	769.25	0.18
RIVER-1	Reach-1 Reach-1 Reach-1	157.*	Max WS Max WS	590.48	119.50	124.67		124.71	0.001276	2.21	537.89	776.24	0.22
RIVER-1	Peach-1	156	Max WS	590.80	119.00 119.00	124.48		124.61	0.003583	3.85 3.23 2.20 2.22	367.90	748.79	0.36
RIVER-1	Reach-1	155.*	Max WS	591.29	119.00	124.20		124.27	0.002509	3.23	453.66	787.51	0.30
RIVER-1 RIVER-1	Reach-1	154	Max WS	612.64	119.00	124.02		124.04	0.001212	2.20	651.61	/99.55 888 75	0.20
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	153.^	Max WS Max WS	630.11	$119.00 \\ 119.00$	123.92		123.93	0.001180	2.01	367.90 453.66 631.61 661.29 696.38 646.92	787.51 799.53 888.75 922.88 929.90	0.20
RIVER-1	Reach-1	151.*	Max WS	644.25	119.00	123.70		123.72	0.001396	2 09	646.92	929.90	0.22
RIVER-1	Reach-1	150	Max WS	643.93	119.00	123.43		123.48	0.003149	2.60	490.08 498.01	866.19	0.32
RIVER-1 RIVER-1	Reach-1 Reach-1	158 157.* 156. 155.* 153.* 152. 151.* 150. 149.* 148. 147.* 146. 145.* 144. 143.* 141.* 140. 139.* 138. 137.* 136.	Max WS Max WS	648.47	118.50	124.67 124.48 124.20 124.02 123.92 123.83 123.70 123.43 123.15 122.96 122.81 122.39 122.20 122.00 121.95 121.82 121.64		123.21	0.001502 0.000974 0.001943 0.001505 0.002210 0.005575 0.002885 0.001053 0.00976 0.003583 0.002509 0.001212 0.001396 0.001212 0.001396 0.002106 0.002498 0.002106 0.002333 0.002106 0.002106 0.003118 0.002106 0.002106 0.002106 0.002106 0.002106 0.002106 0.002106 0.002106 0.002106 0.001107 0.001646 0.002185 0.001049	2.60 2.78	498.01	866.19 812.33 785.00 997.71	0.32 0.30 0.25 0.27 0.32 0.26 0.29 0.20
RIVER-1	Reach-l	148	Max WS	653.04	118.50 118.00 117.92 117.83 117.92 118.00 117.50 117.00 117.00	122.96		123.00	0.001733	2.58 2.55 2.66 2.07	555.13 579.30	785.00	0.25
RIVER-1	Reach-1	14/.*	Max WS Max WS	656.53	117.92	122.81		122.85	0.002106	2.33	541.61	997.71 1061.44 1060.27 1124.41 1006.32 958.57 999.33 1061.33 1000.95 971.21 999.65 1112.34	0.27
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	146	Max WS May WS	662 82	117 92	122.39		122.03	0.003110	2.07	549.81	1060.27	0.26
RIVER-1	Reach-1	144	Max WS Max WS Max WS	665.50	118.00	122.20		122.24	0.002833		549.81 518.86	1124.41	0.29
RIVER-1	кеасn-⊥	143.*	Max WS	668.80	117.50	122.04		122.07	0.001065	1.73	674.93	1006.32	0.20
RIVER-1	Reach-1	142	Max WS	672.29	117.00	121.95		121.97	0.001107	2.16	739.42	958.57	0.20
RIVER-1	Reach-1	141.*	Max WS	6/5.5/	117.00	121.82		121.85	0.001646	1.73 2.16 2.60 2.93 2.30 1.59	674.93 739.42 656.41 607.70 678.18	1061 33	0.24 0.27 0.24 0.17 0.20 0.24 0.20 0.19 0.18 0.21
RIVER-1 RIVER-1	Reach-1 Reach-1	140	Max WS	676.40 680.36	117.50	121.04		121.03	0.002163	2.30	678.18	1000.95	0.24
RIVER-1	Reach-1	138	Max WS Max WS	682.57	118.00	121.45		121.46	0.000801	1.59	832.49 761.92 662.92	971.21	0.17
RTVFR-1	Reach-1	137.*	Max WS	685.28	118.00 118.00	121.36		121.38	0.001049	1.72	761.92	999.65	0.20
RIVER-1	Daach-1	136	Max WS	687.69	118.00	121.25		121.28	0.001682	1.98 1.61	662.92	1112.34	0.24
RIVER-1	Reach-1	135.*	Max WS	690.40	117.50	121.15		121.17	0.001232	1.30	777 25	900.27	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	135.* 134 133.* 132 131.*	Max WS Max WS Max WS	696.30	117.00 117.00 117.00 117.00	120.97		120.99	0.000331	1.43	696.84 777.25 667.16	966.27 907.32 778.24 632.01 835.60	0.19
RIVER-1	Reach-1	132	Max WS	700.63	117.00	120.86		120.88	0.001023	1.36	63/1 87	632.01	0.18
RTVFR-1	Reach-1 Reach-1 Reach-1 Reach-1	131.*	Max WS	702.50	117.00	120.76		120.79	0.001356	1.48	623.09 676.74 601.25 395.97 481.85	835.60	0.21
RIVER-1 RIVER-1 RIVER-1	Reach-1	130	Max WS	704.45	117.00	120.67		120.69	0.001251	1.36 1.58 2.44 2.26	6/6./4	813.86	0.20 0.23
RIVER-1	Reach-1	129.*	Max WS	705.42	117.00 117.00	120.57		120.60	0.001797	2.36	395 97	862 49	0.23
RIVER-1 RIVER-1	Reach-1	120 127 *	Max WS Max WS	706.39	116.71	120.32		120.16	0.003330	2.26	481.85	706.14	0.30
RTVFR-1	Reach-1	126	Max WS	706.23	116.42	120.05		120.07	0.001401	2.03 1.78	6/4.91	813.86 836.26 862.49 706.14 784.78 831.02	0.22
RIVER-1	Reach-1	125.*	Max WS	706.22	116.21	120.02		120.04	0.001280	1.78	703.56	831.02	0.21
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	131.* 139.* 129.* 128 127.* 126 125.* 124 123.* 122	Max WS Max WS	706.21	117.00 116.71 116.42 116.21 116.00 116.18 116.35 115.68	121.36 121.25 121.15 121.07 120.97 120.86 120.76 120.57 120.32 120.11 120.05 120.00 119.94 119.88 119.72 119.58 119.72 119.58		120.02	0.000935	1.40 1.64	786.75	851.80 895.25 979.65	0.18
RIVER-1	Reach-1	123.*	Max WS	706.17	116.18	119.94		119.96	0.001113	1.04	750.35 789.95	979.65	0.20
RIVER-1 RIVER-1	Reach-1	121.*	Max WS Max WS	706.03 775.05	115.55	119.00		119.75	0.001007	2.11	505 77	643.71	0.26
RIVER-1	Reach-1 Reach-1	120	Max WS	774.84		119.58		119.61	0.001193	1.62 2.11 2.11 2.88 4.80	669.99 573.31 382.27 434.22	643.71 634.79 600.44 552.65	0.21
RTVFR-1	Doach_1	120 119.*	Max WS	774.51	114.50 114.00 114.50	119.44		119.50	0.001834	2.88	573.31	600.44	0.29
RIVER-1 RIVER-1 RIVER-1	Reach-1	118 117.*	Max WS	765.52	114.00	119.13		119.35	0.004317	4.80	382.27	552.65	0.50
RIVER-1	Reach-1	117.*	Max WS	756.62	114.50	119.04		119.15	0.001897	2.91	434.22	525.78 403.11	0.33
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-2	115 *	Max WS Max WS	775.05 774.84 774.51 765.52 756.62 721.27 656.91 584.90 1321.05	115.00 114.50	118.94 118.84		127.34 127.18 127.11 127.03 126.82 126.71 126.59 126.51 126.54 125.79 125.79 125.60 124.96 124.78 124.78 124.61 124.71 124.61 124.27 124.04 123.86 123.72 123.86 123.72 123.48 123.21 123.48 123.21 123.48 123.21 123.48 123.21 123.48 123.21 123.48 123.70 121.85 122.65 122.85 122.65 122.85 122.65 122.70 121.85 121.97 121.85 121.97 121.85 121.97 121.85 121.97	0.001682 0.001232 0.000881 0.001106 0.001023 0.001356 0.001251 0.001797 0.005330 0.002811 0.001401 0.001280 0.00935 0.001115 0.001067 0.001934 0.004317 0.001897 0.001934 0.001297 0.001674	2.34 1.71	425.43 466.57 558.23	456 45	0.39 0.30 0.22 0.21 0.18 0.20 0.19 0.26 0.21 0.29 0.50 0.33 0.31 0.25 0.18 0.30
RIVER-1 RIVER-1	Reach-1	114	Max WS Max WS	584.90	114.00	118.84 118.77		118.79	0.000674	1.18 2.73 2.74	558.23	510.00 578.23 576.03	0.18
RIVER-1	Reach-2	112.05	Max WS	1321.05	112.00 112.00	118.77 118.77		118.88 118.87	0.001560	2.73	666.97	578.23	0.30
RTVFR-1	Keach-z	112	Max WS	1321.05	112.00	118.77		118.87	0.001582	2.74	662.06	5/6.03	0.30
RIVER-1	Reach-2 Reach-2	111.95	***** 1./C	Lat Struct	112 00	110 66		118 75	0 001827	2 56	658 69	566.59	0.31
RIVER-1	Reach-2 Reach-2	111.*	Max WS Max WS	1313.29	113.00 114.00	118 59		118.64	0.001363	2.56 2.04	854.70	566.59 679.35	0.31 0.27
RIVER-1 RIVER-1	Reach-2 Reach-2	109.*	Max WS Max WS	1240.14	113.50	118.41		118.75 118.64 118.47 118.31	0.001827 0.001363 0.002306	2.67	658.69 854.70 736.41 810.82	610.21	0.35
RIVER-1	Reach-2	108	Max WS	1237.17	113.50 113.00 112.00	118.66 118.59 118.41 118.22 118.18		118.31	0.001419	3.20	810.82	600.17 692.48	0.35 0.30 0.25
RIVER-1	Reach-2	117.* 116 115.* 114 112.05 111.95 111.* 110 109.* 108 107.*	Max WS	Lat Struct 1315.29 1264.86 1240.14 1237.17 1237.09	112.00	118.18		118.24	0.000970	2.60	983.26	692.48	0.25

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RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	106 105.* 104 103.*	Max WS Max WS Max WS	1237.37 1237.73 1238.08 1237.95 1048.84 1307.85 1308.67 1311.27 1313.88 1315.74 1317.18 1318.42 1320.06 1321.70 1323.34 1325.04 1326.73 1328.66 1330.39 1331.83 1333.28 1334.00 1334.71 1354.32 1354.26 Bridge 1354.26 1354.26	111.00 110.50 110.00 110.00	118.16 118.11 118.07 118.06 118.05 118.02 117.99 117.84 117.84 117.76 117.63 117.59 117.53 117.53 117.53 117.45 117.45 117.45 117.45 117.45 117.45	,	118 .20 118 .15 118 .11 118 .09 118 .05 118 .05 117 .94 117 .87 117 .83 117 .75 117 .75 117 .75 117 .75 117 .63 117 .56 117 .53 117 .56 117 .54 117 .47 117 .47	0.000614 0.000755 0.000731 0.000743 0.000258 0.000415 0.000429 0.000417 0.000406 0.000398 0.000394 0.000403 0.000392 0.000389 0.000364 0.000303 0.000405 0.00050 0.00050 0.00072	2.39 2.41 2.77	1179.18 1148.88 1148.68 1238.54 1503.90 1491.38 1481.23 1482.50 1486.59 1480.04 1472.70 1446.62 1419.53 1362.77 1578.46 1520.44 1489.63 1995.23 2602.76 2785.70 3074.72 2647.63 2341.66 779.50	763.75 776.23 783.90 879.74 854.52 839.73 829.43 828.52 831.08 811.30 791.28 799.61 718.18 607.84 778.46 1197.49 957.39 1246.30 1335.92 1381.94 1430.68 1335.79 1262.91	0.20 0.21 0.21 0.17 0.17 0.17 0.17 0.17 0.16 0.16 0.15 0.15 0.15 0.11 0.08
RIVER-1	Reach-2	105.*	Max WS	1237.73	110.50	118.11		118.15	0.000755	2.41	1148.88	776.23	0.21
RIVER-I	Reach-2	104	Max WS Max WS	1238.08	110.00	118.07		118.11	0.000/31	2.//	1148.68	/83.90	0.21
RIVER-1	Reach-2	103."	Max WS Max WS	1048 84	110.00	118.05		118.09	0.000743	1 71	1503.34	0/9./4 854 57	0.21
RIVER-1	Reach-2	101.*	Max WS	1307.85	110.50	118.02		118.05	0.000238	2.13	1491.38	839.73	0.17
RIVER-1	Reach-2	102 101.* 100 99.* 98	Max WS Max WS	1308.67	111.00	117.99		118.02	0.000429	2.13	1481.23	829.43	0.17
RIVER-1	Reach-2	99.*	Max WS	1311.27	111.00	117.92		117.94	0.000417	2.13	1482.50	828.52	0.17
RIVER-1	Reach-2	98	Max WS	1313.88	111.00	117.84		117.87	0.000406	2.13	1486.59	831.08	0.17
RIVER-1	Reach-2	97.*	Max WS	1315.74	110.50	117.80		117.83	0.000398	2.12	1480.04	811.30	0.17
RIVER-1	Reach-2	96	Max WS	1317.18	110.00 110.50 111.00 111.00 111.00 110.50 110.50	117.76		117.78	0.000394	2.11	14/2./0	791.28	0.16
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	97.* 96 95.* 94 93.*	Max WS	1320.42	109.00	117.72		117 71	0.000403	2.14 1.71 2.13 2.13 2.13 2.12 2.11 2.16 2.21 2.19 2.27 2.18 2.05 2.05 1.61 1.24	1440.02	790.24 700.61	0.17
RIVER-1	Reach-2	93.*	Max WS	1321.70	109.00	117.63		117.67	0.000392	2.19	1367.53	718.18	0.16
RIVER-1	Reach-2	92 91.* 90	Max WS	1323.34	109.00	117.59		117.63	0.000389	2.27	1262.43	607.84	0.17
RIVER-1	Reach-2	91.*	Max WS	1325.04	108.50	117.56		117.60	0.000364	2.18	1302.77	778.46	0.16
RIVER-1	Reach-2	90	Max WS	1326.73	108.00	117.53		117.56	0.000309	2.01	1578.46	1197.06	0.15
RIVER-1	Reach 2	89.*	Max WS	1328.00	108.50	117.50		117.53	0.000303	2.05	1520.44	11//.49	0.15
RTVER-1	Reach-2	88 87.*	Max WS May WS	1330.35	108.00	117.46		117.30	0.000252	1 61	1995 23	1246 30	0.14
RIVER-1	Reach-2	86	Max WS	1333.28	107.00	117.45		117.47	0.000076	1.24	2602.76	1335.92	0.08
	Reach-2	85.*	Max WS	1334.00	107.50	117.45		117.46	0.000078	1 15	2785.70	1381.94	0.08
RIVER-1	Reach-2	84	Max WS	1334.71	108.00	117.45		117.46	0.000072	0.99	3074.72	1430.68	0.07
RIVER-1	Reach-2	83.*	Max WS	1354.32	108.50	117.44		117.45	0.000106	1.19	2647.63	1335.79	0.09
RIVER-1 RIVER-1	Reach-2	82 81 56	MAX WS MAX WS	1354.27	109.00 109.00 108.50 108.00 108.50 109.00 107.00 107.00 107.50 108.50 109.00 108.50	117.43	113.29	117.44 117.45	0.000010	0.99 1.19 1.35 2.74	2341.00 770 50	1262.91	0.10
RTVER-1	Reach-2	81.55	Max WS	Bridge	100.22	117.54	113.23	117.43	0.000340	2.74	773.30	1330.73	0.21
RIVER-1 RIVER-1 RIVER-1	Reach-2	81.30	Max WS	1354.26	108.96 108.83	116.09 116.13		116.55 116.41	0.006675 0.001612	5.46 4.20	248.00 322.27	71.36 64.82	0.52 0.33
RIVER-1	Reach-2	80.95	Max WS	1354.26	108.83	116.13	113.10	116.41	0.001612	4.20	322.27	64.82	0.33
RIVER-1 RIVER-1	Reach-2	80.94		Bridge	100 67	116.06		116 25	0 001775	4 21	214 14	CC 22	0.35
RIVER-1	Reach-2	80.38	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1354.26	108.67 108.33 108.00 107.80 107.60 107.40 107.22	116.06 115.98 115.91 115.91 115.89 115.84 115.65		116.35 116.16 115.99 115.94 115.92 115.91 115.88	0.001775 0.001249 0.000628 0.000272 0.000311 0.000569 0.001214	4.31 3.81 2.98 1.95 2.07 2.77 4.05	314.14 700.60 854.64 1450.96 1558.92 1241.22 545.90	66.32 617.95 327.24 556.58 785.94 952.61 444.27	0.35 0.30 0.21 0.14 0.15 0.20 0.30
RIVER-1	Reach-2	79.3649" 78.30	Max WS	1354.23	108.33	115.90		115.10	0.001249	2 98	700.00 854 64	327 24	0.30
RIVER-1	Reach-2	77.6566*	Max WS	1354.07	107.80	115.91		115.94	0.000272	1.95	1450.96	556.58	0.14
RIVER-1	Reach-2	76.9233*	Max WS	1354.06	107.60	115.89		115.92	0.000311	2.07	1558.92	785.94	0.15
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	76.19	Max WS	1353.83	107.40	115.84		115.91	0.000569	2.77	1241.22	952.61	0.20
RIVER-1	Reach-2	75.86	Max WS	1352.69	107.22	115.65	112.37	115.88	0.001214	4.05	545.90	444.27	0.30
RIVER-1 RIVER-1	Reach-2	75.85 75.40	May WS	1353 57	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.35 107.68	115 66		115 86	0.001309	3.78	537 30	412 73	0.30
RIVER-1	Reach-2	74.7*	MAX WS MAX WS	1353.54	106.82	115.66 115.69 115.68 115.67 115.66 115.54 115.10 114.90 114.63 114.44 114.28 114.21 113.96 113.82 113.72 113.61 113.57		115.86 115.74 115.68 115.67 115.67 115.56 115.30 115.12 114.89 114.66 114.48 114.32 114.15 113.99 113.66 113.61	0.001309 0.000472 0.000228 0.000158 0.000122 0.000990 0.000985 0.001325 0.001708 0.002610 0.002610 0.001626 0.001731 0.001770 0.001523 0.001223 0.001041 0.000550 0.001135	2.09	537,30 1235,45 2057,73 2380,62 2690,07 764,56 561,52 503,28 455,75 470,02 434,13 480,00 467,08 478,56 495,50 529,97 598,34 671,47 1005,10	412.73 836.57 1262.65 1324.22 1385.54 465.04 102.76 89.55 135.37 133.37 137.03 186.84 226.58 196.97 208.23 228.71 356.87 472.54 416.02	0.30 0.12 0.10 0.024 0.22 0.25 0.31 0.34 0.32 0.33 0.33 0.33 0.28
RIVER-1 RIVER-1	Reach-2	74	Max WS	1353.48	107.00	115.68		115.70	0.000228	1.28 1.21 1.18	2057.73	1262.65	0.12
RTVFR-1	Reach-2	73.*	Max WS	1353.42	107.43	115.67		115.68	0.000158	1.21	2380.62	1324.22	0.10
RIVER-1	Reach-2	72	Max WS	1353.39	107.86	115.66		115.67	0.000122	1.18	2690.07	1385.54	0.09
RIVER-1	Reach-2	/1.* 70	Max WS	1631.87	107.44	115.54		115.67	0.000990	3.10	/64.36 561.52	403.U4 102.76	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	69.*	Max WS	1631.82	107.35	115.28		115.45	0.001325	3.24	503.28	94.76	0.25
RIVER-1	Reach-2	68	Max WS	1631.82	107.68	115.10		115.30	0.001708	3.58	455.75	89.55	0.28
RIVER-1	Reach-2	67	Max WS	1631.81	107.40	114.90		115.12	0.002120	3.97	470.02	135.37	0.31
RIVER-1	Reach-2	66	Max WS	1631.80	107.40	114.63		114.89	0.002610	3.10 2.92 3.24 3.58 3.97 4.29 3.81	434.13	133.51	0.34
RIVER-1	Reach-2	65.*	Max WS	1631.78	107.20	114.44		114.66	0.001903	3.8±	480.00	1/4.03	0.32
RIVER-I	Reach-2	63 *	Max WS	1634 24	107.00	114.20		114.40	0.001020	3.01	478.56	226.58	0.33
RTVFR-1	Reach-2	62.*	Max WS	1636.71	106.62	113.96		114.15	0.001770	3.46	495.50	196.97	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	61.*	Max WS	1639.19	107.40 107.20 107.00 106.81 106.62 106.43 106.24	113.82		113.99	0.001559	3.61 3.55 3.46 3.30	529.97	208.23	0.31
KTAEK-T	Reach-2	60	Max WS	1641.62	106.24	113.72		113.85	0.001223	2.99 2.98 2.60	598.34	228.71	0.28
RIVER-1	Reach-2	59.*	Max WS	1645.99	106.07 105.90 107.05	113.61		113.74	0.001041	2.98	671.47	356.87	0.26
RIVER-1	Reach-2	58	Max WS	1650.38	105.90	113.57	110.94	113.00	0.000550	3.38	795.97	4/2.34	0.20
RIVER-1	Reach-2	57.2 57.10	Max WS	Rridge			110.54			3.30			0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	56.9	Max WS	Bridge 1354.26 1354.23 1354.09 1354.07 1354.06 1353.83 1352.69 Bridge 1353.57 1353.48 1353.42 1353.34 1353.42 1353.39 1631.87 1631.82 1631.81 1631.78 1631.78 1631.78 1631.78 1631.78 1631.78 1631.78 1631.78 1631.78 1631.78	107.05 105.90 105.85 105.80 105.70 105.60	113.40		113,56	0.001349	3.61	735.40	397.95	0.30
RIVER-1	Reach-2	56	Max WS Max WS Max WS Max WS	1659.19	105.90	113.34		113.45	0.000708	2.78	828.71	382.46	0.22
RIVER-1	Reach-2	55.*	Max WS	1662.85	105.85	113.31		113.38	0.000587	2.35	980.06	470.82	0.20
RIVER-1	Reach-2	54	Max WS	1666.47	105.80	113.27		113.33	0.000523	2.09	1111.12	559.U3 205 10	0.19
RIVER-1 RIVER-1	Reach-2	55.* 52	Max WS Max WS	16/6.10 1685.68	105.70 105.60	113.19 113.09		113.23 113 14	0.000361	2.19	985.39	323.20	0.18
RIVER-1 RIVER-1	Reach-2	84 83. * 81. 56 81. 55 81. 55 80. 95 80. 95 80. 98 80. 98 80. 38 76. 9233 76. 9233 76. 19 75. 85 75. 40 77. 44. * 70. * 68. * 66. * 67. * 68. * 69. * 68. * 69. * 69. * 60. 98 60. 9	Max WS	1690 40	105.57	113.00		113.07	0.000830	2.50	930.23	311.99	0.20
RIVER-1	Reach-2 Reach-2	50.* 49.*	Max WS Max WS Max WS	1695.15 1699.89 1704.52	105.54	113.40 113.34 113.31 113.27 113.19 113.09 113.00 112.79 112.79		113.56 113.45 113.38 113.33 113.25 113.14 113.07 112.88 112.88	0.001349 0.000708 0.000587 0.000523 0.000561 0.000695 0.000830 0.000945	3.61 2.78 2.35 2.09 2.19 2.22 2.50 2.75 3.01	735.40 828.71 980.06 1111.12 1047.83 985.39 930.23 883.68 847.47 821.79	397.95 382.46 470.82 559.03 395.19 323.20 311.99 300.83	0.30 0.22 0.20 0.19 0.18 0.20 0.23 0.25
RIVER-1	Reach-2	49.*	Max WS	1699.89	105.50	112.79		112.88	0.001014	3.01	847.47	290.43	0.25
RIVER-1	Reach-2	48	Max WS	1704.52	105.47	112.68		112.79	0.000996	3.31	821.79	281.00	0.26

							- 1						
		47 0		1700 17	105 60		Creek.rep	110 60	0.000051	2.42	004.07	24.6 20	2 22
RIVER-1	Reach-2	47.*	Max WS	1709.17	105.68	112.59		112.68	0.000951	3.12	894.27	316.29	0.26 0.24
RIVER-1	Reach-2	46.*	Max WS	1713.90	105.88	112.51		112.59	0.000830	2.88	988.64	351.24	0.24
RIVER-1	Reach-2	45.*	Max WS	1718.61	106.08	112.45		112.51	0.000662	2.60	1109.54	384.78	0.21 0.19
RIVER-1	Reach-2	44	Max WS	1723.23 1727.52	106.29	112.40		112.44	0.000490	2.35	1259.81	425.50	0.19
RIVER-1	Reach-2	43.*	Max WS	1727.52	106.30	112.34		112.40	0.000517	2.45	1204.55	420.56	0.19
RIVER-1	Reach-2	42.*	Max WS	1731.89	106.31	112.29		112.35	0.000546	2.53	1156.55	415.80	0.20
RIVER-1	Reach-2	41.*	Max WS	1736.16	106.32	112.23		112.29	0.000575	2.59	1115.09	410.92	0.20 0.20
RIVER-1	Reach-2	40	Max WS	1740.52	106.33	112.17		112.24	0.000603	2.64	1080.95	406.19	0.21
RIVER-1	Reach-2	39.*	Max WS	1740.43	106.17	112.12		112.18	0.000492	2.40	1212.07	441.70	0.21 0.19 0.16
RIVER-1	Reach-2	38.*	Max WS	1740.42	106.01	112.09		112.13	0.000372	2.11	1394.58	478.00	0.16
RIVER-1	Reach-2	37.*	Max WS	1740.46	105.84	112.07		112.10	0.000263	1.79	1621.43	504.06	0.14
RIVER-1	Reach-2	36	Max WS	1740.43	105.68	112.03		112.07	0.000339	2.04	1475.85	517.25	0.16
RIVER-1	Reach-2	35.22	Max WS	1740.41	104.52	111.74		112.10	0.002046	4.80	362.62	72.86	0.38
RIVER-1	Reach-2	34.82	Max WS	1740.40	104.52	111.64	108.80	112.01	0.002164	4.90	355.48	72.30	0.14 0.16 0.38 0.39
RIVER-1	Reach-2	34.81		Bridge 1740.32									
RIVER-1	Reach-2	34.34	Max WS	1740.32	104.30	111.00		111.72	0.006141	6.84	254.58 322.15	68.50	0.62 0.47
RIVER-1	Reach-2	33.67*	Max WS	1740.27	104.12	110.95		111.40	0.003367	5.40	322.15	79.24	0.47
RIVER-1	Reach-2	33	Max WS	1740.31	103.93	111.05		111.20	0.001077	3.41	829.98	594.15	0.27
RIVER-1	Reach-2	32.*	Max WS	1740.26	103.40	110.94		111.07	0.001071	3.13	868.73	675.22	0.27
RIVER-1	Reach-2	31.*	Max WS	1740.21	102.88	110.79		110.93	0.001484	3.20	821.60	747.79	0.31 0.46
RIVER-1	Reach-2	30	Max WS	1740.17	102.35	110.46		110.69	0.003775	4.01	646.70	1069.06	0.46
RIVER-1	Reach-2	29.*	Max WS	1740.15	102.34	110.10		110.34	0.003955 0.003579	4.27	645.79	957.36	0.47 0.46
RIVER-1	Reach-2	28.*	Max WS	1740.02	102.33	109.78		110.00	0.003579	4.27	728.40	907.07	0.46
RIVER-1	Reach-2	27.*	Max WS	1739.97	102.33	109.56		109.70	0.002608	3.88	927.87	972.29	0.40
RIVER-1	Reach-2	26	Max WS	1739.92	102.32	109.42		109.49	0.001575	3.21	1245.52	1071.17	0.31 0.35 0.40 0.36 0.31 0.34 0.36 0.39 0.28 0.28
RIVER-1	Reach-2	25.*	Max WS	1739.82	101.99	109.27		109.36	0.002106	3.54	1157.87	1158.96	0.35
RIVER-1	Reach-2	24.*	Max WS	1739.72	101.66	109.08		109.20	0.002761	3.82	1053.94	1238.95	0.40
RIVER-1	Reach-2	23.*	Max WS	1739.61	101.33	108.90		108.99	0.002399	3.36	1112.59	1079.44	0.36
RIVER-1	Reach-2	22	Max WS	1739.54	101.00	108.76		108.81	0.001855	2.80	1262.49	1126.38	0.31
RIVER-1	Reach-2	21.*	Max WS	1739.38 1739.31 1739.20	101.27	108.60		108.65	0.001970	2.91	1225.79 1187.06	1115.65 1076.28	0.33
RIVER-1	Reach-2	20.*	Max WS	1/39.31	101.54	108.43		108.49	0.002130	3.05			0.34
RIVER-1	Reach-2	19.*	Max WS	1739.20	101.82	108.23		108.30	0.002410	3.22	1149.38 1124.18	1029.07 1089.70	0.30
RIVER-1	Reach-2	18	Max WS	1739.01	102.09	108.04		108.11	0.002929	3.53	1286.58	1089.70	0.39
RIVER-1	Reach-2	17.*	Max WS	1738.69	101.97	107:85		107.90 107.73	0.002278 0.001439	3.07 2.51	1501.74	1231.77 1236.55	0.33
RIVER-1	Reach-2	16.* 15.*	Max WS	1738.38	101.85 101.73	107.70 107.62		107.73	0.000841	1.95	1790.94	1240.48	0.20
RIVER-1	Reach-2	15.° 14	Max WS	1738.05	101.73	107.52		107.58	0.000501	1.45	2122.02	1247.30	0.21
RIVER-1	Reach-2		Max WS	1737.82 1737.80	101.61	107.50		107.54	0.000411	1.25	2262.92	1253.80	0.16
RIVER-1	Reach-2	13.* 12.*	Max WS Max WS	1737.69	101.45	107.53 107.50		107.54	0.000331	1.21	2406.88	1245.53	0.13
RIVER-1 RIVER-1	Reach-2 Reach-2	11.*	Max WS Max WS	1737.60	101.28	107.48		107.49	0.000331	1.16	2558.33	1235.22	0.13 0.12
RIVER-1	Reach-2	10	Max WS Max WS	1737.00	100.90	107.46		107.43	0.000222	1.09	2702.28	1220.60	0.12
RIVER-1	Reach-2	9.*	Max WS Max WS	1737.58 1737.56	100.75	107.43		107.44	0.000222	1.42	2272.35	1201.70	0.11
		9. ⁻ 8.*		1737.42	100.73	107.43		107.44	0.000571	1.88	1897.59	1283.14	0.13
RIVER-1 RIVER-1	Reach-2 Reach-2	0.° 7.*	Max WS Max WS	1737.42	100.60	107.30		107.34	0.000371	2.50	1615.38	1268.78	0.10
RIVER-1	Reach-2	7." 6	Max WS Max WS	1737.35	100.43	107.17		107.25	0.001663	3.55	1340.75	1357.51	0.23
RIVER-1	Reach-2	5.*	Max WS	1737.22	100.15	107.01		107.09	0.001599	3.55	1381.13	1481.12	0.32
RIVER-1	Reach-2	4.*	Max WS Max WS	1737.12	100.13	106.87		106.95	0.001333	3.46	1457.62	1607.35	0.31
RIVER-1	Reach-2	3.*	Max WS Max WS	1736 98	99.85	106.75		106.82	0.001379	3.39	1692.16	2177.22	0.30
RIVER-1	Reach-2	2."	Max WS Max WS	1736.98 1736.92	99.70	106.67		106.70	0.000815	2.64	2106.31	2293.52	0.23
RIVER-1	Reach-2	1.*	Max WS Max WS	1736.84	99.55	106.56		106.63	0.001292	3.39	1705.45	2258.04	0.11 0.15 0.18 0.23 0.32 0.31 0.30 0.29
RIVER-1	Reach-2	Ų.,	Max WS Max WS	1736.85	99.40	106.41	105.86	106.53	0.001699	3.94	1340.01	1990.50	0.33
VTACK_T	REACH-2	U	PION WJ	1/30.03	33.70	100.41	103.00	100.33	3.001033	3.5.	13,0.01	1550.50	0.55

Appendix P-7: HEC-RAS Results, Anatolia III – Alternative 'A' Model, 10-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	< x xxxxxx		XX	xx		XX	xx	Х	X	XXXX
Χ	Х	X	Х	Х		Х	X	Х	Х	X
X	x x		Х			Х	Х	Х	Х	X
XXXXXXX		XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
Χ	XX		Х			Х	Х	Х	X	X
Х	Х	X	ХX			Х	Х	Х	Х	X
X	X	XXXXXX	XX	XX		X	х	Х	Х	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 12:01:45 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	11900 11850.* 11800 11750.* 11700 11650.* 11600	Max WS Max WS Max WS Max WS Max WS Max WS	319.02 318.10 317.18 316.27 317.16 315.39 315.39	158.00 157.71 157.42 156.96 156.50 156.25 156.00 155.05	162.26 162.26 162.26 162.26 162.26 162.26 162.26		162.26 162.26 162.26 162.26 162.26 162.26 162.26	0.000028 0.000028 0.000011 0.000012 0.000010 0.000011 0.000011	0.30 0.30 0.20 0.21 0.20 0.21 0.22	1053.95 1071.62 1567.27 1530.12 1562.08 1476.20 1426.17 1440.70	296.98 314.59 412.19 400.13 376.83 351.23 331.19 337.28	0.03 0.03 0.02 0.02 0.02 0.02 0.02
RIVER-2 RIVER-2	Reach-1 Reach-1	11550.* 11500	Max WS Max WS	315.38 315.37	154.11	162.26		162.26 162.26 162.26	0.000011 0.000011 0.000010	0.22 0.22 0.20	1450.46 1541.01	338.65 374.30	0.02 0.02 0.02
RIVER-2 RIVER-2	Reach-1 Reach-1	11450.* 11400 11350.*	Max WS Max WS Max WS	314.51 315.35 315.35	154.05 154.00 154.00	162.26 162.26 162.26		162.26 162.26	0.000010	0.19 0.18	1642.67 1720.82	403.12 407.18	0.02 0.02 0.02
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	11300.* 11300 11250.*	Max WS Max WS Max WS	314.50 314.50	154.00 154.00 154.00	162.26 162.26 162.26		162.26 162.26	0.000007 0.000005	0.17 0.15	1889.63 2068.50	455.23 462.11	0.01 0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	11200 11150.*	Max WS Max WS	314.49 315.27	154.00 153.00	162.25 162.25		162.26 162.25	0.000004	0.14 0.13	2260.05 2475.19	478.49 498.27	0.01 0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	11100 11050.*	Max WS Max WS	314.47 314.46	152.00 152.00	162.25 162.25		162.25 162.25	0.000003 0.000002	0.12 0.11	2688.48 2893.23	533.88 545.86	0.01 0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	11000 10887.5*	Max WS Max WS	313.67 313.66	152.00 152.00	162.25 162.25		162.25 162.25	0.000002 0.000001	0.10 0.09	3156.66 3544.63	574.08 584.15	0.01 0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	10775.* 10662.5*	Max WS Max WS	314.39 314.37	152.00 152.00	162.25 162.25		162.25 162.25	0.000001 0.000001	0.08 0.07	4062.98 4656.72	603.40 639.10	0.01 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	10550 10490.*	Max WS Max WS	314.34 314.30	152.00 151.60	162.25 162.25		162.25 162.25	0.000000	0.06 0.05	5300.80 5881.47	681.71 785.23	0.00 0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	10430.* 10370.*	Max WS Max WS	314.28 314.25	151.20 150.80	162.25 162.25		162.25 162.25 162.25	0.000000 0.000000 0.000000	0.05 0.05 0.04	6425.27 6934.94 7425.21	882.60 981.91 1052.67	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	10310.* 10250 10200.*	Max WS Max WS Max WS	314.21 314.79 313.64	150.40 150.00 150.00	162.25 162.25 162.25		162.25 162.25 162.25	0.000000	0.04 0.04 0.04	7920.65 7404.53	1129.89 965.93	0.00 0.00 0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	10150 10100.*	Max WS Max WS	314.17 314.15	150.00 150.00	162.25 162.25		162.25 162.25	0.000000	0.05 0.05	6907.02 6583.04	856.56 847.82	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	10050 10000.*	Max WS Max WS	313.63 314.11	150.00 150.00	162.25 162.25		162.25 162.25	0.000000 0.000000	0.05 0.05	6356.18 6613.16	775.23 795.07	0.00 0.00
RIVER-2	Reach-1	9950	Max WS	314.09	150.00	162.25		162.25	0.000000	0.05	6884.85	815.03	0.00

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RIVER-2 Reach- RIVER-2 Reach-	1 9900.* 1 9850 1 9875 1 9675.* 1 9600 1 9550.* 1 9500 1 9450.* 1 9400 1 9350.* 1 9400 1 9300 1 9300 1 9000 1 9000 1 8900.* 1 8900.* 1 8600 1 8800	MAX WS MAX WS	314.07 313.61 314.44 313.59 314.31 313.99 313.98 313.80 313.55 313.60 313.53 313.53 313.53 313.50 313.55 313.55	150.00 150.00 150.00 150.00 149.36 148.73 148.36 147.00 147.00 146.00 145.51 145.02 144.51 144.00 144.00 144.00 143.08 142.16 143.70 145.24	162 . 25 162 . 25	145.81	162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	0.000000 0.000000 0.000000 0.000000 0.000000	0.04 0.04 0.04 0.04 0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02	7538.18 8149.41 7946.07 8242.18 8938.59 9722.62 11983.13 14412.61 15411.87 16748.33 16193.90 15520.29 14492.15 13415.52 13005.73 12674.67 13031.35 13247.20 12461.84 11936.12	1039.59 1201.12 1391.53 1456.41 1495.74 1534.90 1678.72 1761.69 1776.63 1704.95 1608.95 1432.17 1249.52 1127.96 1022.80 995.70 950.91 980.52 988.38	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RIVER-2 Reach- RIVER-	1 8350 1 8350 1 8350.* 1 8150.* 1 8050.* 1 7950.* 1 7750.* 1 7550.* 1 7550.* 1 7550.* 1 7550.* 1 7550.* 1 6950.* 1 6950.* 1 6650.* 1 6650.* 1 6650.* 1 6650.* 1 6650.* 1 6650.* 1 6300.* 1 6300.* 1 5900.* 1 5900.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6466.66* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6300.* 1 6400.* 1 6400.* 1 5900.* 1 5900.* 1 5900.* 1 5900.* 1 5400.* 1 5500.* 1 5400.* 1 5400.* 1 5500.* 1 5400.* 1 5400.*	MAX WS MA	314. 07 313. 67 313. 67 313. 69 314. 44 313. 59 314. 313. 59 313. 85 313. 85 313. 85 313. 75 313. 50 313. 48 314. 81 316. 148 318. 82 320. 15 324. 19 325. 53 326. 82 329. 58 330. 99 324. 29 333. 60 337. 73 339. 09 343. 19 343. 87 344. 60 349. 38 350. 76 352. 75 358. 84 360. 16 361. 48 362. 76 355. 75 358. 84 360. 16 361. 48 362. 76 355. 76 355. 76 355. 76 355. 76 357. 52 358. 84 366. 74 368. 05 367. 50 371. 63 372. 76 373. 88	140.56 140.09 139.60 139.11 138.62 138.13 137.64 137.15 136.66 136.17 135.19 134.70 134.71 135.27 133.23 132.74 132.25 131.76 134.70 134.50 134.75 134.50 134.75 134.50 134.75 134.50 134.75 134.50 134.75 134.91 131.64 131.91 131.64 131.91 131.64 131.91 131.64 131.91 131.69 130.82 130.55 130.27 130.00 129.40 128.80 128.80 128.80	152.52 152.13 151.30 150.87 150.87 150.89 149.59 149.50 148.58 147.58 147.07 146.03 145.50 144.36 145.50 144.36 145.50 144.36 145.50 144.36 145.50 144.36 145.50 144.36 145.50 144.37 142.19 141.09 140.27 139.88 139.88 139.88 139.88 139.88 139.88 139.88 139.18 134.91		152.64 152.26 151.85 151.43 151.01 150.13 149.67 149.20 148.72 146.18 147.73 147.22 146.18 145.65 145.61 144.53 143.90 144.53 143.90 144.83 141.48 141.28 141.01 140.46 140.03 139.30 138.93 137.84 136.46 135.08 134.47 134.47 134.47 134.47 134.47 134.47 135.64 135.08 134.47 135.08 137.84 136.46 135.08 134.47 132.37 132.37 132.37 132.36 131.78	0.003338 0.004218 0.004237 0.004281 0.004343 0.004418 0.004520 0.004678 0.004678 0.005002 0.005081 0.005339 0.005332 0.005332 0.005696 0.005696 0.005696 0.005696 0.005697 0.005821 0.005421 0.005421 0.005421 0.005696 0.005696 0.005696 0.005696 0.005697 0.005893 0.005421 0.005696 0.005696 0.005696 0.005696 0.005697 0.005893 0.005697 0.003991 0.004027 0.003991 0.004593 0.004593 0.004593 0.004593 0.004593 0.004593 0.004593 0.004593 0.004536	2.76 2.91 2.93 2.94 2.98 2.996 2.98 2.998 3.002 3.03 3.05 3.07 3.13 3.72 3.77 3.55 3.77 2.77 2.77 2.77 2.790 3.59 3.1.69 1.55 1.58 1.59 1.55 1.55 1.24	113.40 108.09 108.28 108.41 108.47 108.49 108.55 108.51 108.42 108.45 108.36 108.18 107.44 106.66 105.52 103.42 99.67 90.97 91.40 104.53 111.40 96.31 82.63 97.21 109.67 119.68 126.30 127.98 121.50 98.39 59.16 107.01 144.55 173.94 196.37 214.33 2242.82 252.04 260.22 281.33 193.26	29. 32 28. 78 29. 28 29. 28 29. 28 29. 56 29. 87 30. 43 31. 29 32. 38 32. 57 32. 54 32. 39 31. 90 31. 90 30. 92 30. 15 31. 66 37. 16 31. 77 29. 07 23. 37 29. 22 35. 22 47. 14 52. 34 46. 34 25. 45 56. 53 88. 83 121. 64 155. 06 187. 59 219. 47 253. 23 292. 14 402. 40 402. 40 402. 40 402. 48 402. 61 402. 28 472. 87	0.25 0.26 0.27 0.27 0.27 0.27 0.28 0.29 0.29 0.29 0.30 0.30 0.31 0.31 0.31 0.34 0.32 0.34 0.32 0.30 0.34 0.34 0.32 0.30 0.30 0.31 0.31 0.37 0.39 0.34 0.29 0.34 0.32 0.30 0.31 0.31 0.31 0.37 0.39 0.39 0.39 0.39 0.39 0.39 0.39 0.39

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RIVER-2	Reach-1	3900 3800.*	Max WS	375.01 376.44	127.00	129.16	129.18 128.90 128.62	0.003511 0.003855 0.004351	1.13 1.17 1.22	331.93 321.47	491.10 483.44 475.20	0.24 0.25 0.27
RIVER-2	Reach-1	3800.*	Max WS	376.44	126.70	128.88	128.90	0.003855	1.17	321.47	483.44	0.25
RIVER-2	Reach-1	3700.* 3600.*	Max WS	377.87	126.40	128.60	128.62	0.004351	1.22	308.57	4/5.20	0.27
RIVER-2	Reach-1	3600.*	Max WS	3/9.29	126.10	128.32	128.33	0.004837	1.27	297.57 292.22	467.22 426.47	0.28
RIVER-2	Reach-1	3500.*	Max WS	380.72	126.10 125.80 125.50	128.05	128.08 127.91	0.004383	1.30 1.32	289.05	401.92	0.20
RIVER-2 RIVER-2	Reach-1 Reach-1	3400.*	Max WS	302.13	125.30	127.70	127.01	0.004420	1.32	209.U3 287.50	383.65	0.28 0.28 0.27 0.27
RIVER-2	Reach-1	3500.* 3500.* 3400.* 3300.* 3200.* 3100.*	Max WS Max WS	384 04	125.20 124.90 124.60	127.31	128.35 128.38 127.81 127.54 127.28 127.02 126.77	0.004837 0.004585 0.004262 0.004262 0.004111 0.003935 0.003670	1.34	287.59 287.48 290.69 298.41	371 01	0.27
RIVER-2	Reach-1	3100 *	Max WS	386 34	124.50	126 99	127 02	0.004111	1.33	290.69	371.01 367.12	0.26
RIVER-2	Reach-1	3000.*	Max WS	387.74	124 RN	126.74	126.77	0.003670	1.30	298.41	369.92	0.25
RIVER-2	Reach-1 Reach-1	2900	Max WS	389.14	124.00	126.51	126.54	0.003225	1.22	318.13	391 85	0.24
RIVER-2	Reach-1 Reach-1 Reach-1	2812.5*	Max WS Max WS Max WS	390.30	124.00 123.52 123.03	126.31	126.33	0.003332	1.22 1.17	318.13 333.12 322.78	448.60 489.88 487.95	0.24
RIVER-2 RIVER-2	Reach-1	2725.*	Max WS	391.47	123.03	126.03	126.05	0.004187	1.21	322.78	489.88	0.26
RIVER-2	Reach-1	2637.5*	Max WS	392.63	122.55	125.70	125.73	0.005814	1.34	292.58 287.40	487.95	0.31
RIVER-2	κeacn-⊥	2900 2812.5* 2725.* 2637.5* 2550.* 2462.5*	Max WS Max WS Max WS	379.29 380.72 382.13 383.54 384.94 386.34 387.74 389.14 390.30 391.47 392.63 393.76 394.90 396.05	122.55 122.07 121.58 121.10	128.88 128.60 128.32 128.05 127.78 127.51 127.25 126.99 126.74 126.51 126.31 126.03 125.70 125.42 125.18	125.45	0.003275 0.003332 0.004187 0.005814 0.006225 0.004885 0.004155	1.37 1.29 1.28	287.40	488.91 473.54 428.86	0.31
RIVER-2	Reach-1	2462.5*	Max WS	394.90	121.58	125.18	125.21	0.004885	1.29	305.71 309.06	4/3.54	0.28
RIVER-2	Reach-1 Reach-1	/3/5	Max WS	396.05	121.10	124.91	124.94	0.004133	1.33	299.82	455.24	0.27
RIVER-2	Reach-1	2279.16* 2183.33* 2087.5*	Max WS Max WS	397.30	121.07	124.01	124.04	0.003007	1.33	233.02 317 01	513.92	0.23
RIVER-2 RIVER-2	Reach-1 Reach-1	2103.33° 2087 5*	Max WS Max WS	390.34	121.03 121.00	124.37	124.33	0.004915 0.003778 0.003629	1.26 1.15 1.13	317.01 347.49 354.15 356.06	528.34	0.25
RIVER-2	Reach-1	1991.66*	Max WS	401.03	120.97	123.88	123.90	0.003629	1.13	354.15	528.34 535.02	0.25
RIVER-2	Reach-1 Reach-1	1991.66* 1895.83* 1800 1705.*	Max WS	402.26	120.93	123.62	123.63	0.003612	1.13	356.06	537 92	0.24
RIVER-2	Reach-1	1800	Max WS Max WS	403.50	120.93 120.90	123.43	123.44	0.002533	1.01	400.83 402.45 387.09	551.79 524.45 495.07	0.21
RIVER-2	Reach-1	1705.*	Max WS	404.72	120.43	123.26	123.28	0.002350	1.01 1.05	402.45	524.45	0.20
RIVER-2	Reach-1	1610.*	Max WS	405.94	119.95	123.06	123.08	0.002494	1.05	387.09	495.07	0.21
RIVER-2	Reach-1 Reach-1	1610.* 1515.*	Max WS Max WS	407.15	119.47	122.80	122.82	0.003159	1.15	355.55	476.71	0.23
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384* 180	Max WS	397.30 398.54 399.79 401.03 402.26 403.50 404.72 405.94 407.15 408.37 408.33 408.31 408.29 408.27	119.00	124.37 124.15 123.88 123.62 123.26 123.06 122.80 122.51 122.18 121.55 121.55 121.21 120.51	122.53	0.003612 0.002533 0.002350 0.002494 0.003159 0.003828 0.003773 0.004002 0.004402 0.004020 0.004422 0.004003 0.004041 0.004309	1.27	357.09 355.55 326.31 328.92 324.44 325.47 315.06 297.14 286.10 268.60	456.59	0.27 0.26 0.25 0.24 0.26 0.31 0.31 0.28 0.27 0.28 0.25 0.24 0.21 0.20 0.21 0.23 0.26 0.26 0.26 0.26 0.27 0.28 0.27 0.28
RIVER-2 RIVER-2	Reach-1	1324.61*	Max WS Max WS	408.33	118.62	122.18	122,20 121 87	0.003773	1.26 1.27	320.92	461.75 464.55 468.50	0.20
RIVER-2	Reach-1	1229.23	Max WS	406.33 408.31	110.23	121.03	121.07	0.004002	1.27	325 47	468.50	0.26
RIVER-2	Reach-1	1038 46*	Max WS Max WS	408.31	118.23 117.85 117.46	121.21	121.24	0.004020	1 35	315.06	480 05	0.27
RIVER-2	Reach-1	943.076*	Max WS	408.27	117.08	120.86	120.89	0.004422	1.44	297.14	432.49	0.28
RIVER-2	Reach-1	847.692*	Max WS	408 26	116.69	120.51	120.54	0.004003	1.51	286.10	362.97	0.27
RIVER-2	Reach-1	752.307*	Max WS Max WS Max WS	408.23 408.21 408.20	116.31	120.14	120.17	0.004041	1.44 1.51 1.62 1.72	268.60	432.49 362.97 311.74	0.28
RIVER-2	Reach-1	656.923*	Max WS	408.21	115.92	119.77	119.81	0.004397	1.72		283.90	0.29
RIVER-2	Reach-1	561.538*	Max WS	408.20	115.54	119.44 119.14	119.48	0.004309	1.77	246.46	258.01	0.29
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	466.153*	Max WS	408.20 408.16 407.95 325.96 79.09 78.92 87.93 90.65 90.48 90.84 91.00	115.15 114.77 114.38 114.00	119.14	119.18	0.004309 0.003921 0.003500 0.003392	1.80 1.82	246.46 244.15 240.77	234.11 206.31	0.20
RIVER-2	Reach-1	3/0./69*	Max WS Max WS Max WS	408.16	114.//	118.80 118.57	118 63	0.003300	1.93	219.93	152.91	0.27
RIVER-2 RIVER-2	Peach-1	180	May WS	325 96	114.00	118 16	118 22	0.003534	2.01	161 82	98 86	0.28
RIVER-1	Reach-1	326	May WS	79.09	169.00	170.32	170.41	0.005168	2.45	44.03	111.30	0.46
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	326 325.5* 325.* 324.5*	Max WS Max WS Max WS	78.92	168 75	118.86 118.57 118.16 170.32 170.10	170.17	0.004553	2.45 2.31	44.03 49.30 52.98 53.29	111.30 123.58 134.01	0.43
RIVER-1	Reach-1	325.*	Max WS	87.93	168.50 168.25 168.00	169 X4	169.92	0.005493	2.51	52.98	134.01	0.47
RIVER-1	Reach-1	324.5*	Max WS	90.65	168.25	169.56 169.26 168.67	169.64	0.006354	2.64	53.29	142.36	0.51
RIVER-1 RIVER-1	Reach-1	324	May WS	90.48	168.00	169.26	169.34	0.006258	2.58	60.45	174.81	0.50
RIVER-1	Reach-1	323.* 322	Max WS	90.84	167.02	168.67	168.82	0.006939	3.18 3.74	32.44 34.22	62.46 22.09	0.33
RIVER-1	Reach-1	322	Max WS Max WS Max WS	91.00	166.04 166.00	107.03	167.43	0.009191	2.83	24.32 86.10	242.38	0.03
RIVER-1 RIVER-1	Reach-1	320 319.*	Max WS	103.65	166.00	167.37	167 19	0.002451	1.45	94.24	345.11	0.31
RIVER-1	Reach-1 Reach-1	318	Max WS	103.72	166 00	166.95	166.97	0.003144	1.30	79.77	345.11 161.73	0.33
RIVER-1	Reach-I	318 317.*	Max WS Max WS Max WS	104.04 104.67	165.50 165.00 164.50	167.85 167.37 167.16 166.95 166.69	126.54 126.33 126.05 125.73 125.45 125.21 124.94 124.64 124.39 124.17 123.63 123.63 123.44 123.28 122.82 122.53 122.20 121.87 121.24 120.89 120.54 120.89 120.54 120.17 119.81 119.48 119.18 119.18 118.63 118.22 170.41 170.17 169.92 169.34 168.82 168.82 167.43 167.43 167.43 167.19	0.003392 0.003534 0.005168 0.004553 0.005493 0.006354 0.006258 0.006939 0.009191 0.006041 0.002548	1.30 1.21	60.45 32.44 24.32 86.19 94.24 79.77 86.16	166.69	0.30
RTVFR-1	Reach-1 Reach-1 Reach-1 Reach-1	316	Max WS Max WS Max WS Max WS Max WS	104.67	165.00	166.17 165.52	166.23	0.007160 0.005969 0.002544 0.004275	1.97		106.68	0.49
RIVER-1	Reach-1	315.*	Max WS	106.48	164.50	165.52	165.58	0.005969	1.83	58.19 73.10 62.12 112.73	114.24	0.45
RIVER-1	Reach-1	314	Max WS	108.37	164.00	165.10 164.77 164.47 163.92	165.14	0.002544	1.63 2.15	73.10	221.23 206.98	0.32
RIVER-1	Reach-1	313.*	Max WS	109.36	163.50 163.00	164.77	164.84	0.004275	2.15	62.12 113.73	206.98	0.42
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	312	Max WS	110.48	163.00	164.47	164.50	0.003203 0.008927 0.002277 0.008783	1.83 2.94	117.73	340.06 198.33	0.30
RIVER-1	Reach-1	311.*	Max WS	109.20	162.50 162.00	163.47	164.02 163.51	0.006927	1.77	105 10	220 62	0.31
RIVER-1	Reach-1	310 309.*	Max WS Max WS	11/ 30	161 26	162 94	163.07	0.002277	2.97	38.51	48.76	0.59
RIVER-1 RIVER-1	Reach-1	308	Max WS	106.48 108.37 109.36 110.48 109.20 107.84 114.30 115.43 116.04 118.66 118.80 119.50	161.26 160.51 159.76	162.94 162.51 162.30 161.91	162.53	0.001436 0.002996 0.006106 0.005232	1.44	60.38 105.10 38.51 108.01 61.89	48.76 156.21 90.26	0.25
RIVER-1	Reach-1 Reach-1 Reach-1	308 307.*	Max WS	116.04	159.76	162.30	162.36	0.002996	2.09	61.89	90.26	0.36
RIVER-1	Reach-1	306	Max WS	116.66	159.00	161.91	162.03	0.006106	2.78	41.96 47.91 72.17 89.89	43.82	0.50
RIVER-1	Reacn-⊥	305.*	Max WS	118.00	159.00	161.39	161.48	0.005232	2.46	47.91	54.24	0.46
RIVER-1	Reach-1	304	Max WS	118.58	159.00	161.07	161.12	0.002916	1.85	/2.1/	319.41	0.35
RIVER-1	Reach-1	303.*	Max WS	119.50	158.75	161.39 161.07 160.89 160.76	160.93	0.001/21	1.79 1.97	09.09 107 80	156.81 147.14	0.20
RIVER-1	Reach-1	302	Max WS	120.52	158.50	160.76 160.61	160.60 160.67	0.001359	2.37	95 70	169.38	0.20
RIVER-1	Reach-1	301.*	Max WS Max WS	121.50 122.47 123.26	158.25 158.00	160.01	166.23 165.58 165.14 164.84 164.50 164.02 163.51 163.07 162.33 162.36 162.03 161.48 161.12 160.93 160.80	0.003232 0.002916 0.001721 0.001359 0.001869 0.002513	2.24 2.43	107.89 95.70 92.75 88.16	215.92	0.43 0.47 0.50 0.55 0.63 0.30 0.31 0.32 0.45 0.32 0.45 0.59 0.59 0.59 0.25 0.36 0.59 0.25 0.36 0.59
RIVER-1 RIVER-1	Reach-1 Reach-1	300 299.*	Max WS Max WS	123 26	158.31	160.43 160.22	160.28	0.003026	2.62	88.16	146.72	0.38
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RIVER-1	Reach-1	298 297.*	Max WS	123.66	158.62 158.31 158.00	160.04 159.83 159.73 159.65 159.55 159.48 159.42 159.30 159.09	•	160.07 159.86 159.74 159.67 159.57 159.49 159.43 159.38 159.17	0.002518 0.001994 0.000418 0.001071 0.000947 0.000587 0.000504 0.002593 0.001945	2.27 1.91	107.71 121.44 255.51 153.62 153.90 170.13 165.45 63.43 54.85	148.27 215.53 380.92 340.61 248.22 175.07	0.34 0.30
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	297.* 296 295.* 294 293.* 292. 291.5 290.62 290.61 289.32 288.66* 288 287.*	Max WS	122.79	158.31	159.83		159.86	0.001994	1.91	121.44	215.53	0.30
RIVER-I	Reach-1	296 205 *	Max WS Max WS	121.87	158.00	159.75		159.74	0.000418	1.89	255.51 153.62	380.92 340.61	0.14
RTVER-1	Reach-1	294	Max WS	125.97	158.01	159.55		159.57	0.001071	1.23	153.90	248.22	0.22
RIVER-1	Reach-1	293.*	Max WS Max WS Max WS Max WS Max WS	125.74	158.00 158.01 158.01 157.51 157.00 157.00	159.48		159.49	0.000587	1.91 0.89 1.36 1.23 1.11 1.20 2.60 2.29	170.13	175.07	0.14 0.22 0.21 0.17 0.16 0.36 0.31
RIVER-1	Reach-1	292	Max WS	125.62	157.00	159.42		159.43	0.000504	1.20	165.45	128.03 50.19 32.53	0.16
RIVER-1	Reach-1	291.5	Max WS	125.61	157.00	159.30	150 01	159.38	0.002593	2.60	63.43	50.19	0.36
RIVER-I	Reach-1	290.62	max ws	125.57 Bridge	157.00	159.09	158.01	159.17	0.001945	2.29	54.85	32.53	
RTVER-1	Reach-1	289.32	Max WS	125.57	157.00	158.51		158.69	0.006188	3.39	36.99	29.05	0.53 0.60 0.13 0.19 0.23 0.43 0.35
RIVER-1	Reach-1	288.66*	Max WS	124.94	156.50	158.06		158.25	0.008348	3.56	35.13	32.50	0.60
RIVER-1	Reach-1	288	Max WS	124.21	156.00	157.88		157.88	0.000368	0.89	246.01	293.10	0.13
RIVER-1	Reach-1	287.*	Max WS	123.99	156.00	157.82		157.83	0.000773	1.29	182.98	285.05	0.19
RIVER-1	Reach-1	286 285 *	Max WS	123.84	155.00	157.74		157.75	0.001095	2.70	164.37 45 97	2/2.38 43.63	0.23
RIVER-1	Reach-1	284	Max WS	124.13	155.00	157.23		157.31	0.004120	2.36	52.68	37.33	0.35
RIVER-1	Reach-1	283.*	Max WS	124.42	154.75	156.90		157.02	0.003640	2.74	45.37	33.08	0.41
RIVER-1	Reach-1	282	Max WS	124.69	154.50	156.60		156.72	0.003520	3.11	59.96	81.83	0.42
RIVER-1	Reach-1	281.*	Max WS	125.04	154.25	156.14		156.33	0.005275	3.52	37.66	56.83	0.50
RIVER-1	Reach-1	280 270 *	WAX WS	123.43 125.84	154.00	155.00		155.67	0.003336	3.44 2 98	30.42 42.28	25.32 26.76	0.31
RIVER-1	Reach-1	278	Max WS	126.21	152.50	155.04		155.15	0.003511	2.69	46.95	26.74	0.35
RIVER-1	Reach-1	277.*	Max WS	135.99	152.45	154.68		154.82	0.003764	3.00	45.68	33.84	0.43
RIVER-1	Reach-1	286 285.* 284. 283.* 282. 281.* 280 279.* 278. 277. * 276.	Max WS	136.27	152.40	154.25		154.42	0.005100	3.34	45.44	29.05 32.50 293.10 285.05 272.38 43.63 37.33 33.08 81.83 56.83 25.32 26.76 26.74 33.84 63.02 74.15 100.69 124.63 220.07 114.99	0.49
RIVER-1	Reach-1	275.*	Max WS	136.61	151.90	153.96		154.01	0.003081	1.84	74.45	74.15	0.32
RIVER-1	Reach-1	273.** 273.** 272 271.** 270 269.**	Max WS	136.86	151.40	153.69		153./3	0.002870	1.49	91.64 101.70	100.69	0.28
RTVER-1	Reach-1	272	Max WS	137.05	151.20	153.28		153.30	0.002307	0.99	151.93	220.07	0.17
RIVER-1	Reach-1	271.*	Max WS	137.14	150.85	153.10		153.13	0.002530	1.37	100.46	114.99	0.26
RIVER-1	Reach-1	270	Max WS	137.24	150.50	152.63		152.71	0.005996	2.39	57.48	54.15	0.41
RIVER-1	Reach-1	269.*	Max WS	137.58	150.12	152.10		152.18	0.004845	2.26	60.85	52.97 32.09	0.37
RIVER-1	Reach-1	267 265*	Max WS Max WS	137.55	149.73	151.00		151.71	0.004010	2.70	36.99 35.13 246.01 182.98 164.37 52.68 45.97 52.68 45.96 37.66 36.42 42.28 46.95 45.68 45.44 71.64 101.70 151.93 100.46 57.48 60.87 48.99 49.59	31.70	0.38
RIVER-1 RIVER-1	Reach-1	266.53	MAX WS MAX WS	137.54	157.00 156.50 156.00 156.00 155.50 155.00 154.75 154.50 154.25 154.25 154.25 152.40 151.40 151.30 151.40 151.30 151.40 151.40 151.40 151.40 151.40	158.51 158.06 157.88 157.88 157.74 157.52 157.23 156.60 156.64 155.32 155.34 154.25 153.96 153.44 153.69 153.44 153.69 153.10 152.63 152.63	150.17	158.69 158.25 157.88 157.83 157.64 157.31 157.02 156.72 156.33 155.46 155.15 154.42 154.42 154.01 153.73 153.46 153.13 152.71 152.71 151.39 151.13	0.006188 0.008348 0.000773 0.001095 0.004120 0.002581 0.003520 0.005536 0.005536 0.003641 0.002500 0.003764 0.005100 0.003764 0.005100 0.00381 0.002870 0.002870 0.002870 0.002587 0.001070 0.002587 0.004616 0.004845 0.004616	3.39 3.56 0.89 1.29 1.54 2.70 2.36 2.74 3.51 2.98 2.69 3.34 1.84 1.35 0.39 1.37 2.26 2.70 2.81	49.59	31.70 31.87	0.42 0.50 0.51 0.42 0.33 0.43 0.49 0.28 0.26 0.17 0.26 0.41 0.37
RIVER-1	Reach-1	266.52		Bridge									
RIVER-1	Reach-1	265.05	Max WS	137.53	148.65	150.54		150.67	0.003334	2.83 2.77 2.84 1.55 2.87 2.10 2.60 1.80 2.01 3.03 3.02 2.95 3.69 2.35	48.53	31.34	0.40 0.42
RIVER-1	Reach-1	264.033* 263.016*	Max WS	137.53 137.47	148.24 147.84	150.23		150.35	0.004304	2.//	49.60 48.43	37.33 44.87	0.42
RTVER-1	Reach-1	262	Max WS	137.38	147.43	149.51		149.53	0.007179	1.55	112.17	158.60	0.25
RIVER-1	Reach-1	261.*	Max WS	137.66	146.71	148.87		149.00	0.008491	2.87	48.61	48.70	0.48 0.29 0.34 0.31 0.31 0.46 0.47 0.60 0.34 0.33 0.29 0.33
RIVER-1	Reach-1	260	Max WS	137.91	146.00	148.29		148.35	0.004219	2.10	82.93	164.02	0.34
RIVER-1	Reach-1	259.*	Max WS	137.95	146.00	147.78		147.89	0.00/08/	2.60	55.03	6/./4 171 71	0.44
RIVER-I	Reach-1	238 257 *	Max WS	137.99	146.00	147.40		147.30	0.003366	2 01	98.67	176.35	0.31
RIVER-1	Reach-1	256	Max WS	138.27	145.00	146.71		146.81	0.006961	3.03	65.82	104.43	0.46
RIVER-1	Reach-1	255.*	Max WS	145.94	144.50	146.18		146.28	0.007260	3.02	64.96	93.81	0.46
RIVER-1	Reach-1	254	Max WS	146.06	144.00	145.63		145.73	0.007440	2.95	63.69	89.97	0.47
RIVER-1	Reach-1	253.*	Max WS	146.18	143.00	144.81		144.98	0.012341	3.69	51./8 80./0	94.02 146.78	0.60
RIVER-1	Reach-1	252 251 *	CW XSM	140.23	142.00	144.30		144.30	0.003649	2.33	90.92	138.90	0.34
RIVER-1	Reach-1	250	Max WS	146.61	141.50	143.57		143.61	0.002882	1.93	111.58	293.36	0.29
RIVER-1	Reach-1	249.*	Max WS	146.67	141.25	143.32		143.38	0.003645	2.03	91.50	237.82	0.33
RIVER-1	Reach-1	248	Max WS	146.79	141.00	143.01		143.07	0.003508	1.93	76.02	79.72	0.32
RIVER-1	Reach-1	247.*	Max WS	146.85	140.75	142.62		142.69	0.005142	2.29	94.30 175 27	268.09	0.30
RIVER-I	Reach-1	246 245 *	Max WS	147.01 147.10	139 75	142.34		142.30	0.001204	2.72	72.82	99.78	0.38
RIVER-1	Reach-1	244	Max WS	147.21	139.00	141.80		141.88	0.004238	2.83	86.98	143.29	0.36
RIVER-1	Reach-1	243.*	Max WS	147.27	139.50	141.59		141.65	0.003171	2.23	94.41	152.42	0.31
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	242	MAX WS MAX WS	147.33	148.65 148.24 147.84 147.43 146.71 146.00 146.00 145.50 145.50 144.50 144.00 141.75 141.50 141.75 141.50 141.25 141.00 140.75 140.50 139.75 140.50 139.50 139.50 139.60 138.50 138.60 137.62 137.25 136.60	150.54 150.23 149.78 149.78 149.51 148.87 148.29 147.78 147.46 147.17 146.71 146.71 146.71 145.63 144.81 144.80 143.87 143.32 143.01 142.62 142.34 142.09 141.80 141.39		150.67 150.35 149.91 149.53 149.00 148.35 147.89 147.22 146.81 146.81 144.98 144.36 143.61 143.61 143.61 143.69 142.18 141.88 141.65 141.43 141.10 140.79 140.23 140.02 139.49 138.85	0.003334 0.004504 0.007370 0.002129 0.008491 0.007087 0.003368 0.003265 0.006961 0.007260 0.007440 0.012341 0.003849 0.003575 0.002882 0.003645 0.003645 0.0031204 0.004574 0.004238 0.003171 0.003469 0.003469 0.002697 0.002697 0.002793 0.002697 0.002793 0.001610 0.0017754	2.15 1.93 2.03 1.93 2.29 1.25 2.72 2.83 2.23 1.92 2.22 1.88 1.64 1.82	48.53 49.60 48.43 112.17 48.61 82.93 55.03 99.55 98.67 65.82 64.96 63.69 51.78 89.49 90.92 111.50 76.02 94.36 175.27 72.82 86.98 94.41 106.84 95.37 110.87 1	31.34 37.53 44.87 158.60 48.70 164.02 67.74 171.71 176.35 104.43 93.81 89.97 94.02 146.78 138.90 293.36 237.82 79.72 268.69 268.23 99.78 143.29 152.42 209.83 190.99 149.57 191.01 233.43 254.29	0.19 0.36 0.31 0.37 0.28 0.28 0.35 0.21
RIVER-1	Reach-1	241.* 240	Max W5	147.45 147.58	139.50 130 00	141.U5 140.76		141.10	0.004889	1.88	93.37 110.87	149.57	0.37
RIVER-1	Reach-1	239.*	Max WS	147.70	138.50	140.52		140.55	0.002793	1.64	116.08	191.01	0.28
RIVER-1	Reach-1	238	Max WS	147.68	138.00	140.18		140.23	0.004618	1.82	104.52	233.43	0.35
RIVER-1 RIVER-1	Reach-1	237.25*	Max WS	128.52	137.62	140.00	120.00	140.02	0.001610	1.27	138.62	254.29	0.21
RIVER-1	Reach-1	236.5	Max WS	149.23	137.25	139.30	139.08 137.71	139.49	0.01//54	3.49 2.56	48.11 56 92	182.46 32.91	0.67
RIVER-1 RIVER-1	Reach-1 Reach-1	235.85 235.84	Max WS	123.66 122.79 121.87 120.87 125.74 125.74 125.61 125.57 124.94 124.94 123.84 124.42 124.69 125.04 125.48 126.21 136.61 136.61 136.61 137.55 137.56	130.00	130./3	13/./1	130.03	0.002344				
RIVER-1	Reach-1	268 267.265* 266.53 266.52 265.05 264.033* 263.016* 262. 269.* 259.* 258.* 257.* 254. 253.* 251.* 250. 249.* 241.* 241.* 242. 241.* 243.* 242. 241.* 243.* 243.* 243.* 243.* 241.* 240. 239.* 238. 237.25* 236.5 235.85 235.85 235.85 235.85	Max WS	142.90	136.10	138.68		138.74	0.001176	2.00	71.42	35.45	0.25

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RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	234.153* 233.076* 232 231.*	Max WS	141.51	135.73	138.55		138.62 138.55 138.36 137.83 137.56 137.46 137.46 137.08 136.76 136.45 136.75 135.55 135.55 135.55 135.49 134.86 134.61 134.61 134.61 134.86 134.61	0.001601	2.24	63.12 56.22 41.06 88.77 288.70 236.58 181.40 170.92 91.44 92.55 87.69 90.18 123.47 113.89 73.94 79.79 180.00 161.59 93.87 91.80 99.00 100.84 40.23 57.33	29.50 115.35	0.27 0.28 0.52 0.40 0.16 0.20 0.41 0.32 0.44 0.35 0.49 0.35 0.49 0.35 0.49 0.36 0.16 0.18 0.21 0.35 0.35
RIVER-1	Reach-1	233.0/6*	Max WS	127.66	135.37 135.00	138.45 138.07 137.70 137.61 137.54 137.32 136.99 136.67 136.33 135.95 135.48 135.16 134.95 134.91 134.84 134.53 134.74 134.53 134.19 133.44 132.48 132.00	137.17	138.55	0.002113 0.008928 0.005117 0.000467 0.000743 0.001237 0.001301 0.005871 0.004988 0.005612 0.006058 0.003207 0.003712 0.007471 0.007471 0.000941 0.000941 0.001447 0.004500 0.004406 0.004915 0.0013134	2.43 4.37	56.22 41.06	115.35	0.28
RIVER-1	Peach-1	232 231 *	Max WS Max WS	147.03	135.00	137.70	137.17	137.83	0.006926	3 14	88 77	407 88	0.32
RIVER-1	Reach-1	230	Max WS	147.27	135.00	137.61		137.62	0.000467	0.98	288.70	489.65	0.12
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	229.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	155.87	134.50	137.54		137.56	0.000743	3.14 0.98 1.35 1.85 1.71 2.72	236.58	438.52	0.16
RIVER-1	Reach-1	228	Max WS	155.93	134.00	137.43		137.46	0.001237	1.85	181.40	418.95	0.20
	Reach-1	227.*	Max WS	156.03	133.85	137.32		137.35	0.001301	1.71	170.92	350.44	0.21
RIVER-1	Reach-1	226 225 *	Max WS	156.14	133.70	136.99		137.08	0.003871	2.72	91.44	277.93	0.41
PTVFP-1	Reach-1	224	Max WS	156.25	133.75	136.33		136.45	0.005612	3.32	87.69	260.39	0.42
RIVER-1	Reach-1	223.*	Max WS	156.31	133.12	135.95		136.08	0.006058	3.42	90.18	258.06	0.44
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	222	Max WS	156.34	133.00	135.70		135.75	0.003207	2.56	123.47	261.24	0.32
RIVER-1	Reach-1	221.*	Max WS	156.38	132.70	135.48		135.55	0.003712	2.86	113.89	273.25	0.35
RIVER-1	Reach-1	230 229.* 228 227.* 226 225.* 224 223.* 222 221.* 220 219.* 218 218	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	156.43	135.00 135.00 134.50 134.00 133.85 133.70 133.48 133.25 133.12 133.00 132.70 132.40 131.80 131.20 131.98 132.50 131.88 132.50 131.88 132.50	135.16		135.35	0.00/4/1	2.85 3.32 2.56 2.86 4.03 3.16 1.53 1.50 2.42	73.94	220.84 407.88 489.65 438.52 418.95 350.44 277.93 272.72 260.39 258.06 261.24 273.25 257.23 148.46 257.76	0.49
RIVER-1 RIVER-1	Reach-1	219."	Max WS	156.30	131.00	134.93		133.07	0.003641	1 53	189 71	257.76	0.36
PTVFP-1	Reach-1	217.*	Max WS	156.38	131.98	134.84		134.86	0.000941	1.53	180.00	260.57	0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	216 215.* 214 213.* 212 211.065*	Max WS	156.45	132.75	134.74		134.76	0.001447	1.50	161.59	260.57 255.90 213.54 274.58 187.79	0.21
RIVER-1	Reach-1	215.*	Max WS	167.88	132.62	134.53		134.61	0.004042	2.42	93.87	213.54	0.35
RIVER-1	Reach-1	214	Max WS	167.84	132.50	134.19		134.26	0.004500	2.26	91.80	2/4.58	0.36
RIVER-1	Reach-1	Z13." 212	Max WS	186.30	131.00	133.79		133.69	0.004406	2.81 3.76 4.63	100 84	157.79	0.41
RTVER-1	Reach-1	211.065*	Max WS	186.24	130.32	132.48		132.81	0.004313	4.63	40.23	153.07 24.64	0.64
RIVER-1 RIVER-1	Reach-1	210.13	Max WS	186.23	129.39	132.00		132.16	0.000833	3.25	57.33	34.70	0.35
RIVER-1	Reach-1	209.23		Culvert									
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	208.43	Max WS Max WS Max WS Max WS	186.23	128.67 129.85 129.75 129.62 129.49 129.29 129.08 128.88 128.72 128.48 128.00 127.76 127.75 127.28 127.28 127.28 127.52 127.28 127.52 127.52 127.53 126.37 125.61 125.61 125.61 125.77 125.15	131.94 131.69 131.58 131.45 131.32 131.11 130.91 130.71 130.55 130.32 130.10 129.89 129.70 129.43 129.36 129.34 129.36 129.34 129.31 129.30 129.30 129.30 129.31 129.30 129.17 129.17 129.17		132.02 131.92 131.82 131.69 131.55 131.14 130.94 130.55 130.55 130.55 130.55 130.41 129.91 129.45 129.45 129.38 129.38 129.39 129.31 129.31 129.22 129.21 129.21	0.000294 0.002596 0.002617 0.002613 0.002608 0.002523 0.002523 0.002543 0.002543 0.002501 0.002420 0.002284 0.002075 0.001803 0.000688 0.000481 0.000353 0.000259 0.000194 0.000194 0.000112 0.000088 0.000088	2.25 3.91 3.92 3.90 3.90 3.85 3.83 3.79 3.60	82.95 47.58 47.54 47.65 47.77 48.35 48.63 48.62 49.13 50.07 51.70 54.20 58.38 65.26 72.44 89.08 98.10 107.47 117.26 127.34 137.00 155.98 201.46 223.48	59.95 31.83 31.96 32.13 32.31 32.49 32.79 33.04 32.76 32.73 32.78 32.78 32.79 33.17	0.22 0.57 0.57 0.57 0.56 0.56 0.55 0.55 0.53 0.51 0.48 0.29 0.22 0.19 0.16 0.11 0.13 0.110 0.23 0.25 0.15 0.15
RIVER-1	Reach-1	205.91	Max WS	186.22	129.85	131.69		131.92	0.002596	3.91	47.58 47.54	31.83 31.06	0.50
RIVER-1	Reach-1	203.49	May WS	186.21	129.73	131.30		131.62	0.002617	3.92	47.65	32.13	0.57
RTVER-1	Reach-1	204.303		186.19	129.49	131.32		131.55	0.002608	3.90	47.78	32.31	0.56
RIVER-1 RIVER-1 RIVER-1	Reach-1	203.626*	Max WS	186.19	129.29	131.11		131.35	0.002626	3.90	47.77	32.49	0.57
RIVER-1	Reach-1	202.813*	Max WS	186.17	129.08	130.91		131.14	0.002553	3.85	48.35	32.79	0.56
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	202	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	186.17	128.88	130.71		130.94	0.002529	3.83	48.63	33.04	0.56
RIVER-1	Reach-1	201.36	Max WS	186.15	128./2	130.55		130.78	0.002543	3.85	48.39 48.62	32.70 32.73	0.36
RIVER-1	Reach-1	200.403* 199.451*	Max WS Max WS	186.14	128.24	130.32		130.33	0.002301	3.79	49.13	32.78	0.55
RIVER-1	Reach-1	198.497*	Max WS	186.13	128.00	129.89		130.11	0.002284	3.72	50.07	32.90	0.53
RIVER-1	Reach-1	197.542*	Max WS	186.08	127.76	129.70		129.91	0.002075	3.60	51.70	33.17	0.51
RIVER-1 RIVER-1 RIVER-1	Reach-1	196.588*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	185.95	127.52	129.54		129.73	0.001803	3.43 2.16 1.93	54.20	33.60 34.36 35.59 36.84	0.48
RIVER-1	Reach-1	195.634*	Max WS	126.19	127.28	129.43		129.50	0.000000	1 93	50.30 65.26	34.30	0.29
RIVER-I	Reach-1	194.00"	Max WS Max WS	125.70	126.81	129.36		129.41	0.000461	1.73 1.75 1.40 1.27 1.15 1.06 0.97 2.32	72.44	36.84	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	192.771*	Max WS	124.80	126.57	129.34		129.38	0.000259	1.55	80.54	38.18 39.52 40.89	0.19
RIVER-1	Reach-1	191.817*	Max WS	124.77	126.33	129.32		129.35	0.000194	1.40	89.08	39.52	0.16
RIVER-1	Reach-1	190.862*	Max WS	124.13	126.09	129.31		129.34	0.000146	1.27	98.10	40.89	0.14
RIVER-I	Reach-1	189.908*	Max WS	124.08	125.85	129.30		129.32	0.000088	1.15	107.47	42.24	0.13
RIVER-1 RIVER-1	Reach-1	188.954	May WS	124.03	125.01	129.30		129.31	0.000069	0.97	127.34	44.95	0.10
RTVFR-1	Reach-1	187.7	Max WS Max WS Max WS	317.23	125.29	129.14		129.22	0.000353	2.32	137.00	42.24 43.62 44.95 43.97 50.70	0.23
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	187.65	Max WS Max WS Max WS Max WS	317.74	125.27	129.16		129.22	0.000333 0.000266 0.000139 0.000143 0.000115 0.000187	2.06 1.57 1.58	155.98	50.70	0.20
RIVER-1	Reach-1	187.2	Max WS	317.68	125.15	129.17		129.21	0.000139	1.57	204.38	67 37	0.15
RIVER-1	Reach-1	187.15	Max WS	317.68	125.13	129.17		129.21	0.000143	1.58	201.46	59.42 65.59 69.48	0.13
RIVER-1	Reach-1	18/ 186 81	Max WS Max WS	317.23 317.23	123.09	129.17		129.20	0.000113	2.63	120.75	69.48	0.19
RIVER-I	Reach-1	186 80		Culvert					0.000107				
RIVER-1 RIVER-1 RIVER-1	Reach-1	185.39	Max WS	316.71	122.78	129.05		129.13	0.000129	2.30 1.81 1.88	137.95	47.26	0.16
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	184.5	Max WS	316.66	126.00	129.07		129.10	0.000838	1.81	364.47	366.51	0.21
RIVER-1	Reach-1	184	Max WS	316.49	126.00	129.02		129.05	0.000//0	1.88	355.02	361.U8	0.51
RIVER-1	Reach-1	183.*	Max WS	320.91	126.00	128.89		128.98	0.002420	3.00 2.14	229.69	180.67	0.33
RIVER-1 RIVER-1	Reach-1 Reach-1	210.13 209.23 208.43 205.91 205.49 204.965* 204.44 203.626* 202.813* 202 201.36 200.405* 199.451* 198.497* 197.542* 196.634* 194.68* 193.725* 199.771* 191.817* 190.862* 189.908* 188.954* 188. 187.7 187.65 187.2 187.15 187.15 187.15 186.80 185.39 184.5 184.5	Max WS Max WS Max WS Max WS Max WS Max WS Max WS	321.04	122.78 126.00 126.00 126.00 126.00 126.00 126.00	129.05 129.07 129.02 128.89 128.81 128.63 128.39 128.14 128.01		128.68	0.002072	3.00 2.14 2.36 2.52 2.66 1.59 2.09	206.16	189.19	0.27
RIVER-1	Reach-1	180	Max WS	323.01	126.00	128.39		128.45	0.002876	2.52	205.75	272.69	0.31
RIVER-1 RIVER-1	Reach-1	180 179.*	Max WS Max WS Max WS Max WS	355.05	125.00	128.14		128.20	0.002688	2.66	236.28	330.17	0.31
RIVER-1	Reach-1	178 177.*	Max WS	355.44	124.00	128.01		128.03	0.000831	1.59	393.92 328 71	422.5U 418 80	0.17
RIVER-1	Reach-1	1//.* 176	Max WS	356./4 358 38	124.00	127.85 127.50		127.00 127.59	0.001373	3.14	235.11	423.22	0.35
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	176 175.*	Max WS Max WS	141.51 127.63 147.63 147.63 147.27 155.93 156.14 156.15 156.31 156.31 156.38 156.43 156.38 156.43 156.48 167.88 168.22 186.21 186.15 186.17 186.15 186.17 186.15 186.17 186.17 186.17 186.17 186.17 186.17 186.17 186.17 186.19 186.19 125.78 12	124.00 123.50	127.85 127.50 127.24		127.36	0.004308	3.14 3.52	137.95 364.47 355.02 187.26 229.69 206.16 205.75 236.28 393.92 328.71 209.78	47.26 366.51 361.08 182.02 180.67 189.19 272.69 330.17 422.50 418.89 423.22 429.37	0.16 0.21 0.23 0.23 0.27 0.31 0.31 0.17 0.22 0.35 0.39
RIVER-1	Reach-1	174	Max WS	362.62	123.00	127.00		129.13 129.10 129.05 128.98 128.84 128.68 128.45 128.20 128.03 127.88 127.59 127.11	0.000129 0.000838 0.000770 0.002420 0.001466 0.002072 0.002876 0.002688 0.000831 0.001373 0.003439 0.004308 0.003738	3.31	231.30	544.48	0.36

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RIVER-1 RIVER-1 RIVER-1	Reach-1	173.*	Max WS	361.64	123.50 124.00 124.00 123.50 123.50 122.50 122.00 121.00 120.00 120.00 120.25 120.50 120.50 120.50	126.89	•	126.93	0.002015	2.32 1.14 1.48 1.83 2.57 2.37 1.84 2.39 1.69 4.69 3.30 1.72 1.57 1.86	340.44	610.29	0.26 0.18 0.22 0.30 0.29 0.25 0.19 0.24 0.19 0.26 0.44 0.38 0.17 0.15 0.19 0.36 0.30 0.19 0.21 0.20 0.24 0.37 0.27 0.37 0.25 0.30 0.18 0.18 0.18 0.18
RIVER-1	Reach-1	172 171.* 170 169.* 168 167.* 166.* 165.* 164 163.* 162 161.*	Max WS	361.58	124.00	126.84		126.85	0.000519	1.14	594.77	736.71	0.13
RIVER-1	Reach-1	1/1.*	Max WS	361.//	124.00	126.76		126.77	0.000922	1.48	501.91	766.03	0.18
RIVER-1	Reach-1	1/0	Max WS	301.90	124.00	120.03		120.04	0.001534	1.83	407.07	670.40	0.22
RIVER-1 RIVER-1	Reach-1	168	Max WS	360.35	123.30	126.30		126.34	0.002080	2.30	307.24	542 90	0.30
	Reach-1	167.*	Max WS	357.58	122.50	126.23		126.27	0.002480	2.37	333.74	567.36	0.25
RIVER-1	Reach-1	166	Max WS	356.32	122.00	126.15		126.17	0.000962	1.84	419.08	627.97	0.19
RIVER-1	Reach-1	165.*	Max WS	352.96	121.00	125.92		125.95	0.001642	2.39	346.80	588.59	0.24
RIVER-1	Reach-1	164	Max WS	353.85	120.00	125.67		125.69	0.001219	1.89	417.53	674.84	0.19
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	163.*	Max WS	353.23	120.00	125.51		125.56	0.001993	2.69	326.35	667.98	0.26
RIVER-1	Reach-1	162 161 *	Max WS	353.83	120.00	125.09		125.38	0.005//0	4.69	123.66 207.41	368.00 578 61	0.44
RIVER-I	Reach-1	160	Max WS	332.94 353 11	120.23	124.79		124.92	0.003136	3.30 1.72	405 67	630.01	0.34
RTVER-1	Reach-1	160 159.* 158 157.*	Max WS	353.57	120.25	124.58		124.61	0.000327	1.57	414.18	661.09	0.17
RIVER-1	Reach-1	158	Max WS	354.08	120.00	124.52		124.54	0.000658	1.39	447.79	716.09	0.15
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	157.*	Max WS	354.46	119.50	124.45		124.48	0.000988	1.86	372.88	724.79	0.19
RIVER-1	Reach-1	156 155.* 154 153.*	Max WS	354.84	119.00 119.00 119.00 119.00	124.24		124.41	0.003620	3.70	193.21	675.68	0.36
RIVER-1	Reach-1	155.*	Max WS	354.22	119.00	123.93		124.03	0.002675	3.16	266.60	641.54	0.30
RIVER-1	Reach-1	154	Max WS	365.49	119.00	123.74		123./6	0.001095	1.99	433.43	085.31 777 56	0.19
RIVER-I	Reach-1	153."	Max WS	374.32		123.03		123.00	0.001136	1 06	451 61	868 37	0.21
RIVER-1 RIVER-1	Peach-1	151 *	Max WS	384 55	119.00	123.30		123.46	0.001110	2.10	403.13	847.70	0.24
	Reach-1	150	Max WS	384.00	119.00	123.18		123.25	0.004310	2.79	278.10	740.98	0.37
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	152 151.* 150 149.*	Max WS	386.55	119.00 119.00 119.00 118.50 118.00 117.92 117.83 117.92 118.00	122.90		122.97	0.002736	2.72	306.19	717.18	0.31
RIVER-1	Reach-1	148 147.*	Max WS	389.25	118.00	122.72		122.76	0.001477	2.26	386.45	652.02	0.23
RIVER-1	Reach-1	147.*	Max WS	391.37	117.92	122.59		122.63	0.002106	2.41	3/2.91 210 61	851.25 1004.70	0.27
KIVEK-I	Reach-1	146 145.*	Max WS	393.43 305.67	117.03	122.30		122.43	0.004440	1 82	335 40	950 42	0.37
DTVED_1	Peach-1	143."	Max WS	393.07	118 00	121 96		122 00	0.001304	1.75	303.85	700.28	0.30
RIVER-1	Reach-1	144 143.*	Max WS	399.16	117.50	121.79		121.82	0.000889	1.47	439.61	882.32	0.18
RIVER-1	Reach-1	142 141.*	Max WS	401.49	117 00	121.71		121.73	0.000996	1.96	521.66	879.81	0.18
	Reach-1	141.*	Max WS	403.95	117.00	121.59		121.63	0.001625	2.48	438.74	911.62	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	140	Max WS	405.25	117.00 117.00 117.00 117.50 118.00 118.00 118.00	121.39		121.48	0.003250	3.40	339.64	1033.76	0.33
RIVER-1	Reach-1	139.*	Max WS	404.94	117.50	121.23		121.28	0.002042	2.49	403.35	922.46	0.27
KIVER-I	Reach-1	138 137.*	Max WS	403.00 407.13	118.00	121.13		121.17	0.000917	1.30	479 48	840.04	0.10
RIVER-1	Reach-1	136	Max WS	408.72	118.00	120.95		120.98	0.001545	1.71	390.47	559.27	0.23
	Reach-1	136 135.*	Max WS	410.30	117.50	120.84		120.86	0.001084	1.35	462.29	654.50	0.19
RIVER-1 RIVER-1 RIVER-1	Reach-1	134	Max WS	411.91	117.00	120.77		120.78	0.000757	1.07	547.90	728.71	0.15
RIVER-1	Reach-1	133.*	Max WS	414.12	117.00	120.69		120.70	0.000918	1.16	467.57	641.32	0.17
RIVER-1	Reach-1	134 133.* 132 131.*	Max WS	410.37 417 59	117.00	120.01		120.02	0.000/36	1.04	461.03	584.80	0.13
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	130	Max WS	417.36	117.00	120.33		120.33	0.000982	1.09	505.75	795.50	0.17
RTVFR-1	Reach-1	129.*	Max WS	419.39	117.00	120.37		120.39	0.001447	1.28	436.79	809.10	0.21
RIVER-1	Reach-1	128	Max WS	420.00	117.00	120.10		120.17	0.005398	2.14	223.88	587.30	0.38
RIVER-1	Reach-1	129.* 128 127.*	Max WS	419.80	116.71	119.83		119.88	0.003233	2.15	290.85	643.92	0.32
RIVER-1 RIVER-1	Reach-1	126	Max WS	419.68	116.42	119.75		119.77	0.001408	1.89	462.31	688.98	0.22
RIVER-1	Reach-1	125.*	Max WS	419.57	116.21	119.72		119.74	0.001413	1.70	468.49 538.61	/55.14 801 70	0.22
RIVER-1	Reach-1	127. 126 125.* 124 123.* 122 121.* 120 119.*	Max WS	419.30 410.51	117.00 117.00 117.00 117.00 117.00 117.00 116.71 116.21 116.21 116.35 115.68 115.68 115.00 114.50	119.70		119.71	0.001010	1.59	487.37	805.53	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	122	Max WS	419.44	116.35	119.55		119.57	0.001658	1.81	472.55	931.88	0.23
RIVER-1	Reach-1	121.*	Max WS	463.01	115.68	119.33		119.38	0.002736	2.49	356.40	596.33	0.30
RIVER-1	Reach-1	120	Max WS	462.80	115.00	119.16		119.20	0.001472	2.21	419.29	582.85	0.23
RIVER-1	Reach-1	119.*	Max WS	462.46	114.50	119.01		119.09	0.002057	2.93	328.63	441.//	0.30
RIVER-1 RIVER-1 RIVER-1	Reach-1	118 117.*	Max WS	462.00	114.00	118.70		118.91	0.003530	2 32	200.11	203.44 306.48	0.44
KIVER-I	Reach-1	117."	Max WS	401.31	115 00	118 50		118 57	0.001333	2.25	260.48	342.10	0.34
RTVER-1	Reach-1	116 115.*	Max WS	441.43	114.50	118.33		118.38	0.002185	1.88	262.15	345.91	0.31
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	114 112.05 112 111.95 111.*	MAX WS MA	401.16	114.50 114.00 112.00	126.84 126.76 126.63 126.50 126.37 126.15 125.57 125.57 125.57 125.51 124.79 124.58 124.52 124.45 123.93 123.56 123.42 123.93 123.18 122.90 124.72 122.59 122.38 121.90 121.71 121.59 121.71 121.59 121.17 121.79 121.71 121.59 121.19.69 121.07 120.69 120.77 120.84 120.77 120.85 120.95 120.84 120.77 120.85 120.84 120.77 120.85 120.86 120.77 120.86		126.93 126.85 126.77 126.64 126.41 126.27 126.17 125.95 125.96 125.38 124.99 124.61 124.41 123.76 123.76 123.76 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 122.76 123.46 123.25 123.46 123.25 123.46 123.25 123.46 123.25 123.46 123.25 123.46 123.25 123.46 123.25 123.46 123.25 123.47 123.48 124.41 124.41 125.45 126.45 127.45 12	0.002015 0.000519 0.000522 0.001534 0.002680 0.002486 0.001287 0.000987 0.001642 0.001642 0.001738 0.000977 0.000577 0.000578 0.00199	3.16 1.99 2.191 1.96 2.779 2.726 2.41 2.98 1.75 1.496 2.49 1.58 1.71 1.357 1.16 1.09 1.2.14 2.15 1.70 1.359	340.44 594.77 507.07 307.24 333.74 419.80 417.53 123.66 147.53 123.66 147.78 123.66 147.78 123.66 147.78 123.66 147.78 123.66 147.78 123.66 147.78 123.66 147.78 123.66 147.78 124.78 125.66 127.19 128.10	610.29 736.71 766.03 670.40 575.04 542.90 567.36 627.36 627.37 588.59 6674.84 668.09 716.09 716.09 716.09 716.09 716.09 717.18 661.09 716.09 717.18 675.68 641.54 685.31 777.58 682.02 851.25 1004.70 950.42 700.28 82.32 879.81 911.62 1033.76 947.64 840.94 559.81 921.46 947.64 840.94 559.78 574.77 584.80 795.50 889.10 587.30 683.98 753.14 880.179 889.10 587.30 683.98 753.14 880.179 889.10 587.30 683.98 753.14 880.179 889.10 587.30 683.98 753.14 8801.79	0.20 0.23 0.19 0.15 0.17 0.17 0.21 0.38 0.32 0.22 0.22 0.23 0.23 0.30 0.23 0.30 0.23 0.30
RIVER-1	Reach-2	112.05	Max WS	727.12	112.00	118.16		118.23	0.001283	2.22	359.17	418.01	0.27
RIVER-1	Reach-2	112	Max WS	727.18	112.00	118.15		118.23	0.001297	2.23	356.29	416.22	0.27
RIVER-1	Reach-2	111.95	Mar: 1:10	Lat Struct	112 00	110 01		119 00	0 001942	2 24	368 72	360 67	n 31
RIVER-1	Reach-2	111.* 110	Max WS Max WS	720.72 726 43	114 00	117.87		117 94	0.002241	2.15	433.46	471.26	0.33
RIVER-1 RIVER-1 RIVER-1	Reach-2	109.*	Max WS	727.47	113.00 114.00 113.50	117.58		117.73	0.002666	3.49	339.09	375.32	0.39
RIVER-1	Reach-1 Reach-1	108	Max WS Max WS Max WS	361.64 361.58 361.77 361.96 361.52 360.35 357.58 356.32 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 352.96 353.83 353.83 352.96 354.84 354.82 374.39 384.55 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.25 389.26 389.25 389.25 389.26 389.25 389.26 38	113.00	118.01 117.87 117.58 117.35 117.27 117.22		118.09 117.94 117.73 117.51 117.38 117.30	0.001843 0.002241 0.002666 0.002294 0.001565	2.24 2.15 3.49 3.71 3.18 2.81	368.72 433.46 339.09 367.17 442.03 555.42	360.67 471.26 375.32 412.07 469.54 565.24	0.31 0.33 0.39 0.37 0.31 0.25
RIVER-1	Reach-2	108 107.*	Max WS	729.08	112.00 111.00	117.27		117.38	0.001565	3.18	442.03	469.54	0.31
RIVER-1	Reach-2	106	Max WS	729.61	111.00	117.22		117.30	0.001003	7.81	555.42	303.24	0.23

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RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	105.* 104 103.* 102 101.*	MAX WS MAX WS	730. 42 731. 12 731. 29 640. 54 732. 56 736. 90 740. 17 742. 08 744. 01 742. 08 744. 73 745. 73 747. 46 749. 19 750. 91 752. 66 754. 67 754. 67 754. 11 760. 38 761. 11 761. 16 779. 18 769. 18 769. 18 771. 19 772. 99 772. 97 772. 99 772. 97 772. 99 772. 97 772. 99 772. 97 772. 7	110.50 110.00 110.00 110.00 110.50 111.00	117.13 117.03 117.00 116.95 116.95 116.97 116.67 116.59 116.59 116.43 116.35 116.21 116.14 116.02 115.97 115.95 115.94 115.93 115.93 115.93 115.93 115.85 115.79	·	117.24 117.16 117.08 117.08 117.00 116.95 116.84 116.72 116.64 116.50 116.36 116.22 116.15 116.09 116.09 115.98 115.98 115.98 115.96 115.94 115.93 115.93 115.93	0.001321 0.001336 0.001552 0.000427 0.000608 0.000659 0.000698 0.000743 0.000715 0.000714 0.000771 0.000828 0.000737 0.000663 0.000677 0.000688 0.000606 0.000543 0.000541 0.000177 0.000177 0.000172 0.000172 0.000306 0.000306 0.0003724	3.18 3.49 2.48 1.98 2.316 2.44 2.52 2.52 2.68 2.70 2.68 2.76 2.42 1.77 1.33 1.25 2.28	509.51 488.00 528.62 751.30 740.53 729.37 701.04 668.32 669.25 668.76 613.98 558.40 559.65 549.29 553.44 558.81 598.61 640.23 784.66 959.58	526.82 491.71 511.09 567.77 565.30 559.44 558.26 553.27 536.44 521.09 512.55 489.14 464.77 414.62 431.63 444.89 429.40 415.20 437.61 462.83 579.45 781.53 79.45	0.28 0.28 0.29 0.17
RIVER-1 RIVER-1	Reach-2 Reach-2	100	Max WS Max WS	732.56 733.65	111.00	116.95		117.00	0.000659	2.31	740.33 729.37	559.44	0.17 0.20 0.21 0.21 0.21 0.21 0.22 0.23 0.22 0.21 0.21 0.21
RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	99.* 98 97.*	Max WS Max WS	736.90 740.17	111.00 111.00 110.50 110.00	116.79		116.84	0.000698	2.44	668.32	553.27	0.21
RTVFR-1	Reach-2 Reach-2	96	Max WS Max WS	742.08 744.02	$110.50 \\ 110.00$	116.59 116.51		116.64 116.57	0.000715 0.000704	2.52	669.25 668.76	536.44 525.09	0.21
RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	95.* 94	Max WS Max WS	745.73 747.46	109.50	116.43 116.35		116.50 116.43	0.000771 0.000828	2.68 2.82	613.98 558.40	512.55 489.14	0.22 0.23
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	94 93.* 92 91.*	Max WS Max WS	749.19 750.91	109.00 109.00	116.27 116.21		116.36 116.29	0.000737 0.000663	2.70 2.62	559.65 549.29	464.77 414.62	0.22 0.21
RIVER-1	Reach-2	91.*	Max WS	752.66 754.47	108.50	116.14		116.22 116.15	0.000677	2.58	553.44 558.81	431.63 444.89	0.21 0.21
RIVER-1	Reach-2	90 89.* 88	Max WS	756.08	108.50	116.02		116.09	0.000606	2.48	598.61	429.40	0.20
RIVER-1	Reach-2	87.*	Max WS Max WS	757.62 759.14	108.00	115.95		115.98	0.000343	1.77	784.66	437.61	0.13
RIVER-1 RIVER-1	Reach-2 Reach-2	86 85.*	Max WS Max WS	760.38 761.11	107.50	115.94		115.96	0.000117	1.33	1058.86	579.45	0.10
RIVER-1 RIVER-1	Reach-2 Reach-2	84 83.*	Max WS Max WS	761.76 779.18	108.00 108.50	115.93 115.90		115.94 115.93	0.0001/2	1.65	1236.26 999.42	704.86 737.50	0.19 0.13 0.09 0.10 0.11 0.14
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	82 81.56	Max WS Max WS	779.18 663.38	109.00 109.00 109.00 108.50 108.50 109.00 107.00 107.50 108.00 108.50 109.00 108.50	115.85 115.79	112.05	115.91 115.85	0.000657 0.000724	2.28 2.01	999.42 726.03 329.39	781.53 79.45	0.20 0.17
RIVER-1	Reach-2 Reach-2	81.55 81.30		Bridge 774.27						4.18		64.90	0.44
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	80.95 80.94	Max WS Max WS	774.27 Bridge	108.96 108.83	115.17 115.20	112.20	115.44 115.33	0.005078 0.000950	4.18 2.94	185.24 263.43	64.90 61.16	0.44 0.25
RIVER-1	Reach-2	80.38	Max WS	773.78	108.67	115.17		115.31	0.001045	3.01	256.82 221.87 553.69	62.61 225.53	0.26 0.30
RIVER-1	Reach-2	78.39 78.39	Max WS	773.19	108.00	114.99		115.06	0.000566	2.54	553.69	325.77	0.20
RIVER-1 RIVER-1	Reach-2 Reach-2	77.6566* 76.9233*	Max WS Max WS	772.99 772.97	107.60	114.95		115.00	0.001045 0.001346 0.000566 0.000287 0.000446 0.000765	3.01 3.48 2.54 1.80 2.22	935.69 829.45 509.10 250.58	62.61 225.53 325.77 555.58 735.66 562.46	0.26 0.30 0.20 0.14 0.17 0.23 0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	84 83.* 81.56 81.55 81.30 80.95 80.94 80.38 79.3849* 76.6566* 76.9233* 76.19 75.86 75.85 75.40 74.7* 74 73.* 71.* 70 69.* 68.67 66.* 66.* 66.* 66.* 66.* 66.* 66.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	772.93 772.92	108.67 108.33 108.00 107.80 107.60 107.40 107.22	115.17 115.00 114.99 114.99 114.95 114.88 114.81	111.25	115.31 115.19 115.06 115.01 115.00 114.98 114.96	0.000765	2.86 3.08	250.58	307.65	0.24
RIVER-1 RIVER-1	Reach-2 Reach-2	75.85 75.40		Bridge 772.78					0.001189	3.09	250.01	114.91	0.27
RIVER-1 RIVER-1	Reach-2 Reach-2	74.7* 74	Max WS Max WS	772.77 772.74	106.82 107.00	114.57 114.54		114.66 114.59	0.000957	2.43 1.92	404.03 717.66	1077.72	0.24
RIVER-1 RIVER-1	Reach-2 Reach-2	73.* 72	Max WS Max WS	772.63 772.33	107.43 107.86	114.49 114.46		114.53 114.48	0.000503 0.000353	3.09 2.43 1.92 1.73 1.67	917.63 1124.60	1156.84 1224.21	0.17 0.15
RIVER-1	Reach-2	71.* 70	Max WS Max WS	978.98 978.97	107.44 107.03	114.31 114.26		114.43 114.33	0.001145 0.000729	2.82 2.20	375.55 444.85	183.02 96.52	0.25 0.18
RIVER-1	Reach-2	69.* 68	Max WS	978.96 978.86	107.35	114.16 114.04		114.25 114.15	0.000894	2.44	401.54 364.13	86.50 83.54	0.20 0.23
RIVER-1	Reach-2	67	Max WS	978.64	107.40	113.85		114.01	0.001811	3.28	332.31	123.91 116.33	0.28 0.31
RIVER-1 RIVER-1 RIVER-1	Reach-2	65.*	Max WS	978.25 978.11	107.20	113.48		113.62	0.001647	2.82 2.20 2.44 2.69 3.28 3.51 3.06 2.83	328.34 345.69	132.23	0.29
RIVER-1 RIVER-1	Reach-2	63.*	MAX WS MAX WS	979.63	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.35 107.68 107.40 107.20 107.00 106.81 106.62 106.43 106.07	114.59 114.57 114.49 114.46 114.31 114.26 114.16 113.85 113.48 113.35 113.22 113.06 112.90 112.79 112.68 112.63		114.74 114.66 114.59 114.53 114.43 114.43 114.25 114.15 114.01 113.62 113.48 113.18 113.28 113.28 112.77 112.70 112.65	0.001189 0.000957 0.000866 0.000503 0.000353 0.001145 0.000729 0.000894 0.001179 0.001811 0.002192 0.001647 0.001198 0.001498 0.001498 0.001498 0.001524 0.001524 0.001524	2.86	250.01 404.03 717.66 917.63 1124.60 375.55 444.85 401.54 364.13 336.10 328.34 345.69 342.57 341.78 361.85 407.23 418.95 575.74 401.06	114.91 644.58 1077.72 1156.84 1124.21 183.02 96.52 86.50 83.54 123.91 116.33 132.23 103.67 120.62 140.99 158.98 183.12 180.56 446.60 391.70	0.27 0.24 0.22 0.17 0.15 0.25 0.18 0.20 0.23 0.28 0.31 0.29 0.27 0.30 0.32 0.32
RIVER-1 RIVER-1	Reach-2 Reach-2	62.* 61.*	Max WS Max WS	980.90 982.28	106.62	113.06		113.18	0.001562	2.86 2.87 2.74 2.49	361.85	158.98	0.32
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	60	Max WS Max WS	983.60 986.02	106.24 106.07	112.79 112.68		112.88	0.001224	2.44	418.95	183.12	0.24
RIVER-1 RIVER-1	Reach-2 Reach-2	58 57.2	Max WS Max WS	988.91 990.61	105.90 107.05	112.63 112.49	110.02	112.70 112.65	0.000532 0.001429	2.28 3.28			0.30
PTVER-1	Reach-2 Reach-2	57.19 56.9	Max WS	Bridge 991.02	107.05	112.41		112.59	0.001745	3.53	353.98	366.26	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	56 55.*	Max WS Max WS	993.82 996.13	105.90 105.85	112.38 112.33		$112.46 \\ 112.40$	0.000669 0.000647	3.53 2.36 2.11	4/6.64 533.55	340.51 440.26	0.21
RIVER-1 RIVER-1	Reach-2 Reach-2	54 53.*	Max WS Max WS	998.45 1004.95	105.80 105.70	112.27 112.20		112.33 112.25	0.000683 0.000576	$\frac{1.98}{1.93}$	564.76 679.72	538.58 351.90	0.20 0.17
RIVER-1 RIVER-1	Reach-2 Reach-2	58. ° 57. 2 57. 19 56. 9 56. * 53. * 53. *	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1011.22 1014.32	107.05 105.90 105.85 105.80 105.70 105.60 105.57 105.54	112.11 112.02		112.15 112.07	0.000725 0.000875	1.98 1.93 2.02 2.26 2.47	679.84 635.83	299.63 286.51	0.33 0.21 0.20 0.20 0.17 0.17 0.20 0.22 0.24 0.24
RIVER-1 RIVER-1	Reach-2		Max WS	1017.18 1019.99	105.54 105.50	111.92 111.81		111.98 111.88	0.000991 0.001015	2.47 2.66	600.74 576.98	273.02 258.65	0.22 0.24
RIVER-1	Reach-2	49.* 48 47.*	Max WS Max WS Max WS	1022.77	105.47 105.68	112.41 112.38 112.33 112.27 112.20 112.11 112.02 111.92 111.81 111.70 111.61		112.59 112.46 112.40 112.33 112.25 112.15 112.07 111.98 111.88 111.79 111.69	0.001745 0.000669 0.000647 0.000683 0.000576 0.000725 0.000875 0.000991 0.001015 0.000908 0.000941	2.66 2.82 2.75	353.98 476.64 533.55 564.76 679.72 679.84 635.83 600.74 576.98 565.87 604.15	366.26 340.51 440.26 538.58 351.90 299.63 286.51 273.02 258.65 244.98 277.15	0.24 0.25
RIVER-1	Reach-2	4/,*	max WS	1025.51	TO2.08	TTT.DT		111.09	0.000941	2./3	004.13	211.13	0.23

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RIVER-1	Reach-2	46.*	Max WS	1028.21	105.88	111.53	i eek.i ep	111.60	0.000866	2.58	662.32	312.68	0.24
RIVER-1	Reach-2	45.*	Max WS	1031.17	106.08	111.46		111.51	0.000698	2.36	746.50	348.74	0.21
RIVER-1	Reach-2	44	Max WS	1034.12	106.29	111.41		111.45	0.000506	2.10	859.19	385.30	0.18
RIVER-1	Reach-2	43.*	Max WS	1036.85	106.30	111.35		111.40	0.000537	2.17	812.31	369.77	0.19
RIVER-1	Reach-2	42.*	Max WS	1039.59	106.31	111.29		111.35	0.000571	2.23	767.00	361.32	0.19 0.20
RIVER-1	Reach-2	41.*	Max WS	1039.59 1042.33	106.32	111.23		111.29	0.000606	2.30	728.68	360.31	0.20
RIVER-1	Reach-2	40	Max WS	1045.07	106.33	111.17		111.23	0.000643	2.35	697.78	356.52	0.21
RIVER-1	Reach-2	39.*	Max WS	1044.85	106.17	111.12		111.17	0.000511	2.11	797.08	381.81	0.19 0.16
RIVER-1	Reach-2	38.*	Max WS	1044.83	106.01	111.09		111.12	0.000381	1.84	941.16	424.58	0.16
RIVER-1	Reach-2	37.*	Max WS	1044.80	105.84	111.06		111.08	0.000256	1.52	1138.05	458.44	0.13 0.16
RIVER-1	Reach-2	36	Max WS	1044.69	105.68	111.02		111.06	0.000370	1.85	978.02	478.83	0.16
RIVER-1	Reach-2	35.22	Max WS	1044.68	104.52	110.85		111.04	0.001253	3.48	300.22	67.79	0.29
RIVER-1	Reach-2	34.82 34.81	Max WS	1044.68	104.52	110.80	107.78	110.99	0.001299	3.52	296.44	67.47	0.30
RIVER-1	Reach-2	34.81		Bridge	404.70	440.40		440.00	0.000000		240 62	CF 22	0.46
RIVER-1	Reach-2	34.34	Max WS	1044.29	104.30	110.48		110.83	0.003390	4.75	219.63 282.97	65.32 75.74	0.46 0.34
RIVER-1	Reach-2	33.67*	Max WS	1044.29	104.12	110.44		110.65	0.001755	3.69	282.97 522.17	75.74 456.78	0.34
RIVER-1	Reach-2	33	Max WS	1044.16	103.93	110.46		110.56 110.48	0.000751 0.000759	2.63 2.42	542.17	503.05	0.22
RIVER-1	Reach-2	32.* 31.*	Max WS	1044.15 1044.12	103.40 102.88	110.39 110.28		110.48	0.000739	2.52	494.18	526.45	0.22 0.22 0.26
RIVER-1 RIVER-1	Reach-2 Reach-2	30.	Max WS Max WS	1044.12	102.35	110.28		110.38	0.003374	3.29	317.81	202.07	0.20
RIVER-1	Reach-2	29.*	Max WS	1044.07	102.34	109.66		109.85	0.003500	3.54	323.19	463.06	0.42 0.43
RIVER-1	Reach-2	28.*	Max WS	1043.89	102.33	109.35		109.55	0.003434	3.72	386.55	666.76	0.43
RIVER-1	Reach-2	27.*	Max WS	1043.75	102.33	109.12		109.27	0.002637	3.51	543.90	779.41	0.39
RIVER-1	Reach-2	26	Max WS	1043.66	102.32	108.99		109.06	0.001504	2.86	818.67	909.57	0.39 0.30
RIVER-1	Reach-2	25.*	Max WS	1043.45	101.99	108.82		108.93	0.002268	3.32	694.53	944.73	0.36
RIVER-1	Reach-2	24.*	Max WS	1043.37	101.66	108.64		108.74	0.002537	3.28	635.05	737.87	0.37
RIVER-1	Reach-2	23.*	Max WS	1043.13	101.33	108.46		108.54	0.002660	3.12	676.33	849.32	0.37 0.34
RIVER-1	Reach-2	22	Max WS	1042.95	101.00	108.29		108.35	0.002271	2.69	774.75	967.87	0.34
RIVER-1	Reach-2	21.*	Max WS	1042.51	101.27	108.11		108.17	0.002367	2.76	741.94	830.22	0.35 0.35 0.34
RIVER-1	Reach-2	20.*	Max WS	1041.95	101.54	107.92		107.98	0.002347	2.88	736.95	763.30	0.35
RIVER-1	Reach-2	19.*	Max WS	1040.67	101.82	107.74		107.80	0.002216	3.01	742.40	731.64	0.34
RIVER-1	Reach-2	18	Max WS	1038.62	102.09	107.57		107.63	0.002056	3.08	757.53	707.36	0.33 0.33 0.30 0.21
RIVER-1	Reach-2	17.*	Max WS	1035.23	101.97	107.41		107.46	0.001909	3.10 2.85	802.85 974.57	797.41 1182.69	0.33
RIVER-1	Reach-2	16.*	Max WS	1029.97 1027.04	101.85	107.27 107.18		107.31 107.20	0.001669 0.000849	2.83 1.94	1255.49	1204.13	0.30
RIVER-1	Reach-2	15.*	Max WS	1027.04	101.73 101.61	107.18		107.14	0.000431	1.30	1587.18	1219.70	0.21
RIVER-1	Reach-2 Reach-2	14 13.*	Max WS Max WS	1023.09	101.43	107.13		107.14	0.000431	1.06	1733.28	1222.14	0.15 0.13 0.11
RIVER-1 RIVER-1	Reach-2	12.*	Max WS Max WS	1023.71	101.26	107.10		107.09	0.000336	0.97	1889.29	1213.95	0.11
RIVER-1	Reach-2	11.*	Max WS	1023.71	101.08	107.07		107.07	0.000183	0.90	2054.01	1198.83	0.10
RIVER-1	Reach-2	10	Max WS	1022.90	100.90	107.06		107.06	0.000139	0.82	2213.99	1163.06	0.10 0.09
RIVER-1	Reach-2	9.*	Max WS	1022.55	100.75	107.04		107.04	0.000212	1.05	1831.60	1020.64	0.11
RIVER-1	Reach-2	8.*	Max WS	1022.24	100.60	107.00		107.01	0.000384	1.42	1463.48	959.19	0.15
RIVER-1	Reach-2	7.*	Max WS	1021.64	100.45	106.94		106.97	0.000682	2.03	1186.02	1112.46	0.20 0.30
RIVER-1	Reach-2	6	Max WS	1019.95	100.30	106.82		106.90	0.001480	3.14	895.49	1209.72	0.30
RIVER-1	Reach-2	5.*	Max WS	1018.55	100.15	106.69		106.77	0.001298	3.02	943.64	1280.29	0.28
RIVER-1	Reach-2	4.*	Max WS	1017.47	100.00	106.59		106.65	0.001101	2.84	1024.10	1407.20	0.26
RIVER-1	Reach-2	3.*	Max WS	1016.74	99.85	106.49		106.54	0.000905	2.62	1171.75	1667.41	0.24
RIVER-1	Reach-2	2	Max WS	1016.54	99.70	106.43		106.46	0.000574	2.13	1580.35	2199.65	0.19
RIVER-1	Reach-2	1.*	Max WS	1016.47	99.55	106.36	400 75	106.42	0.000814	2.61	1279.13	2121.19	0.23 0.23
RIVER-1	Reach-2	0	Max WS	1016.39	99.40	106.28	103.73	106.34	0.000822	2.68	1096.02	1828.18	0.23

Appendix P-8: HEC-RAS Results, Anatolia III – Alternative 'A' Model, 100-Year, 24-Hour Storm

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HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	Х	XXXXXX	XX	XX		XX	XX	Х	X	XXXX
Х	X	X	Х	Х		Х	Х	Х	Х	X
X	Х	X	Х			Х	Х	Х	Х	X
XXX	XXXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	Х	Х	X
Х	X	X	Х	Х		Х	Х	Х	Х	X
Y	Y	XXXXXX	XX	XX		×	Y	Y	Y	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 11:56:36 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2	Reach-1 Reach-1	11900 11850.* 11800 11750.* 11700 11650.* 11650.* 11550.* 11500 11450.* 11350.* 11300 11250.* 11200 11150.* 11000 11050.* 11000.* 11000.* 11000.* 10775.* 10662.5* 10775.* 10662.5* 10775.* 10690.* 10310.* 10310.* 10310.* 10250 10200.* 10150	MAX WS MAX WS	9 (cfs) 601.67 601.67 601.65 598.66 598.66 598.65 597.19 597.19 597.77 597.14 595.75 594.38 594.34 594.35 594.31 595.49 593.11 594.25 595.34 594.31 594.25 595.34 594.31 594.25 595.34	158.00 157.71 157.42 156.50 156.50 156.50 155.05 154.11 154.00 154.00 154.00 154.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00	(ft) 163.02 163.01 163.01 163.01 163.01 163.01 163.01 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00							0.04 0.03 0.03 0.03 0.03 0.03 0.03 0.03
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	10050 10000.* 9950	Max WS Max WS Max WS Max WS	593.99 593.98 593.96	150.00 150.00 150.00	163.00 163.00 163.00		163.00 163.00 163.00	0.000001 0.000001 0.000001	0.09 0.08 0.08	6944.77 7215.35 7505.85	803.18 820.23 842.71	0.01 0.00 0.00

RIVER-2 Reach-1 9900.* Max WS 593.16 150.00 163.00 0 163.00 0 RIVER-2 Reach-1 9850 Max WS 593.92 150.00 163.00 163.00 0 RIVER-2 Reach-1 9800.* Max WS 594.64 150.00 163.00 163.00 0	0.000001 0.07 8338.41 1101.11 0.00 0.000000 0.07 9060.95 1241.72 0.00 0.000001 0.07 9017.36 1485.00 0.00 0.000001 0.06 9346.52 1505.48 0.00 0.000000 0.06 10070.95 1538.83 0.00
RIVER-2 Reach-1 9900.* Max WS 593.16 150.00 163.00 163.00 0 RIVER-2 Reach-1 9850 Max WS 593.92 150.00 163.00 163.00 0 RIVER-2 Reach-1 9750 Max WS 594.64 150.00 163.00 163.00 0 RIVER-2 Reach-1 9750 Max WS 593.87 150.00 163.00 163.00 0 RIVER-2 Reach-1 9600 Max WS 593.87 150.00 163.00 163.00 0 RIVER-2 Reach-1 9600 Max WS 593.17 148.73 163.00 163.00 0 RIVER-2 Reach-1 9550.* Max WS 593.17 148.73 163.00 163.00 0 RIVER-2 Reach-1 9500 Max WS 593.80 148.36 163.00 163.00 0 RIVER-2 Reach-1 9500 Max WS 593.75 148.00 163.00 163.00 0 RIVER-2 Reach-1 9400 Max WS 593.75 148.00 163.00 163.00 0 RIVER-2 Reach-1 9400 Max WS 593.63 146.00 163.00 163.00 0 RIVER-2 Reach-1 9350.* Max WS 593.63 146.00 163.00 163.00 0 RIVER-2 Reach-1 9300 Max WS 593.57 145.02 163.00 163.00 0 RIVER-2 Reach-1 9300 Max WS 593.57 145.02 163.00 163.00 0 RIVER-2 Reach-1 9300 Max WS 593.57 145.02 163.00 163.00 0 RIVER-2 Reach-1 9300 Max WS 593.77 144.51 163.00 163.00 0 RIVER-2 Reach-1 9050.* Max WS 593.77 144.51 163.00 163.00 0 RIVER-2 Reach-1 9050.* Max WS 593.81 144.00 163.00 163.00 0 RIVER-2 Reach-1 9050.* Max WS 593.88 144.00 163.00 163.00 0 RIVER-2 Reach-1 9050.* Max WS 593.88 144.00 163.00 163.00 0 RIVER-2 Reach-1 9050.* Max WS 593.88 144.00 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 144.00 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 144.00 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 144.00 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 144.00 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 143.08 163.00 163.00 0 RIVER-2 Reach-1 800. Max WS 593.38 143.00 163.00 163.00 0 RIVER-2 Reach-1 8800 Max WS 593.33 145.24 163.00 145.98 163.00 0 RIVER-2 Reach-1 8500 Max WS 593.38 140.56 154.39 154.57 0 RIVER-2 Reach-1 8500 Max WS 593.28 140.56 154.39 154.57 0 RIVER-2 Reach-1 8450 Max WS 593.38 140.00 153.00 153.00 0 RIVER-2 Reach-1 8450 Max WS 593.38 140.56 154.39 154.57 0	0.000001 0.07 8338.41 1101.11 0.00 0.000000 0.07 9060.95 1241.72 0.00 0.000001 0.07 9017.36 1485.00 0.00 0.000001 0.06 9346.52 1505.48 0.00 0.000000 0.06 10070.95 1538.83 0.00 0.000000 0.05 10884.88 1582.71 0.00 0.000000 0.04 13250.62 1718.54 0.00 0.000000 0.04 15722.64 1830.39 0.00 0.000000 0.04 16740.12 1835.90 0.00 0.000000 0.03 18084.44 1807.32 0.00 0.000000 0.03 17477.53 1738.24 0.00 0.000000 0.04 16729.20 1633.81 0.00 0.000000 0.04 14359.69 1279.93 0.00 0.000000 0.04 13866.98 1178.12 0.00 0.000000 0.04 13784.44
RIVER-2 Reach-1 8250 * MAX WS 588.28 139.00 153.55 153.75 0 0 RIVER-2 Reach-1 8150 * MAX WS 601.22 139.10 153.55 11 153.35 0 0 RIVER-2 Reach-1 8150 * MAX WS 601.22 139.10 153.55 11 153.35 0 0 RIVER-2 Reach-1 7550 * MAX WS 601.22 139.10 152.65 153.85 0 RIVER-2 Reach-1 7850 * MAX WS 601.23 138.13 152.19 152.85 0 RIVER-2 Reach-1 7850 * MAX WS 606.53 138.13 152.19 152.40 0 RIVER-2 Reach-1 7750 * MAX WS 601.17 137.64 151.73 151.93 151.93 152.40 0 RIVER-2 Reach-1 7750 * MAX WS 601.83 137.15 151.73 151.93 151.93 152.40 0 RIVER-2 Reach-1 7750 * MAX WS 611.83 137.15 151.76 151.76 151.76 RIVER-2 REACH-1 7650 * MAX WS 614.50 136.66 150.79 150.99 150	0.003541 3.40 174.49 35.86 0.27 0.004340 3.55 168.07 35.97 0.29 0.004419 3.56 168.12 36.59 0.29 0.004617 3.59 168.38 38.06 0.30 0.004687 3.60 168.63 38.53 0.30 0.004726 3.60 169.08 38.89 0.30 0.004776 3.61 169.60 39.19 0.31 0.004776 3.61 170.97 39.53 0.31 0.004736 3.61 170.97 39.53 0.31 0.004695 3.60 173.09 39.75 0.30 0.004683 3.59 174.12 40.02 0.30 0.004867 3.61 173.73 40.87 0.31 0.0048867 3.61 173.73 40.87 0.31 0.004887 3.61 173.73 40.87 0.31 0.005488 3.65 172.58 44.58 0.33 0.006827 3.83 165.73 47.69 0.36 <t< td=""></t<>

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RIVER-2	Reach-1	3900 3800.* 3700.* 3600.* 3400.* 3300.* 3100.* 3100.* 2900 2812.5* 2725.* 2637.5* 2462.5* 2375 2279.16* 2183.33* 2087.5* 1991.66* 1895.83*	Max WS	721.39	127.00 126.70 126.40	129.52		129.55	0.003217 0.003203 0.003164	1.41 1.42 1.42	511.84 510.96 511.45	508.94 502.46 496.46 491.18 487.08 484.49 483.29 481.04	0.25 0.25 0.24 0.24 0.24 0.24 0.25 0.26 0.27 0.26 0.26 0.25 0.26 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25
RIVER-2	Reach-1	3800.*	Max WS	723.96 726.44	126.70	129.27		129.30	0.003203	1.42	510.96	502.46 406.46	0.25
RIVER-2	Reach-1	3/00.*	Max WS	720.44	126.40	129.02		129.05	0.003104	1.42	513.47	490.40 401 18	0.23
PTVER-2	Peach-1	3500.*	May WS	720.33	125.10	128 53		128.56	0.003100	1.42	518 00	487 08	0.24
RIVER-2 RIVER-2 RIVER-2	Reach-1	3400.*	Max WS	733.94	125.50	128.29		128.32	0.002921	1.41	521.96	484.49	0.24
RIVER-2	Reach-1	3300.*	Max WS	736.45	125.20	128.04		128.07	0.002877	1.41 1.41 1.40	524.93	483.29	0.24
RIVER-2	Reach-1	3200.*	Max WS	739.02	124.90	127.79		127.82	0.002853	1.40	526.36	481.04	0.24
RIVER-2 RIVER-2	Reach-1	3100.*	Max WS	741.58	124.60	127.53		127.56	0.002874	1.41	524.83	477.66 481.64 510.03	0.24
RIVER-2	Reach-1	3000.*	Max WS	744.15	124.30	127.25		127.28	0.003104	1.44	515.61	481.64	0.25
RIVER-2	Reach-1	2900 2012 F#	Max WS	740.74	124.00	120.94		126.97	0.003494	1.46	210.23	510.03	0.26
RIVER-2	Reach-1	2725 *	Max WS	750.00	123.32	126.03		120.00	0.003003	1.50	400.29	510 06	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	2637.5*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	753.09	122.55	126.13		126.16	0.003903	1.40 1.41 1.44 1.50 1.50 1.48 1.46 1.48 1.47	509.19	510.03 521.72 519.96 519.55 518.56 514.32 525.96 536.41 547.03	0.26
RIVER-2	Reach-1	2550.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	755.22	122.07	125.87		125.91	0.003504	1.46	516.75	518.56	0.26
RIVER-2	Reach-1	2462.5*	Max WS	757.32	121.58	125.60		125.63	0.003585	1.48	513.07	515.96	0.26
RIVER-2	Reach-1	2375	Max WS	759.43	121.10	125.33		125.37	0.003472	1.47	518.33	514.32	0.26
KTAEK-7	Reach-1	22/9.16*	Max WS	761.71	121.07	125.06		125.09	0.003343	1.44	529.85	525.96	0.25
RIVER-2	Reach-1	2103.33	Max WS	765.90 766.24	121.03	124.77		124.00	0.003449	1.44	529.92 537.60	530.41 547 03	0.26
RTVER-2	Reach-1	1991.66*	Max WS	768.50	120.97	124.26		124.29	0.003353	1.37	559.98	559.13	0.24
RIVER-2 RIVER-2 RIVER-2	Reach-1	1895.83*	Max WS	770.75	120.93	124.04		124.07	0.002647	1.43 1.37 1.30 1.22 1.28	591.70	559.13 571.93 581.46 550.23	0.23
RTVFR-2	Reach-1	1800	Max WS	772.99	120.90	123.84		123.86	0.002155	1.22	634.68	581.46	0.21
RIVER-2 RIVER-2	Reach-1	1705.*	Max WS	775.21	120.43	123.64		123.67	0.002354	1.28	605.65	550.23	0.21
RIVER-2	Reach-1	1610.*	Max WS	777.41	119.95	123.43		123.45	0.002657	1.36	573.39	523.26	0.23
RIVER-2	Reach-1	1515.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	//9.64 701 05	126.10 125.80 125.50 125.20 124.90 124.60 124.30 122.07 121.58 121.10 121.07 121.03 120.97 120.93 120.94 120.93 120.93 120.93 120.93 120.93 120.93 120.93 120.94	123.18		123.21 122 01	0.002994	1.36 1.46 1.61 1.57 1.55 1.52 1.49 1.47	538.33 407.77	530.23 523.26 503.22 479.06 580.83 580.94 579.88 576.63 572.92 568.08	0.24
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	1324 61*	Max WS	781.83 781.81	118 62	122.07		122.31	0.003626	1.61	505 72	580.83	0.27
RIVER-2	Reach-1	1229.23*	Max WS	781.74	118.23	122.23		122.27	0.003500	1.57	522.21	580.94	0.26
RIVER-2	Reach-1	1133.84*	Max WS	781.70	117.85	121.92		121.96	0.003464	1.55	532.03	579.88	0.26
RIVER-2	Reach-1	1038.46*	Max WS	781.59	117.46	121.62		121.66	0.003442	1.52	539.36	576.63	0.26
RIVER-Z	Reach-1	943.076*		781.49	117.08	121.35		121.38	0.003377	1.49	547.26	572.92	0.26
RIVER-2 RIVER-2	Reach-1	847.692* 753.207*	Max WS	/81.38 701.36	116.69	121.08		121.11	0.003392	1.4/	550.15	568.08	0.25
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1800 . * 1705 . * 1610 . * 1515 . * 1420 . 1324 . 61* 1229 . 23* 1133 . 846* 943 . 076* 847 . 692* 752 . 307* 656 . 923* 561 . 538* 466 . 153* 370 . 769* 275 . 384* 180 326 325 . 5* 325 . 5* 324 . 5*	Max WS Max WS Max WS	781.20 781.21	116.69 116.31 115.92 115.54 114.77 114.38 114.00 169.00 168.75 168.50 168.25 168.00 167.02	120.79		120.52	0.003334	1.50 1.58 1.65	509.50	521.67 470.27 428.49 383.99 325.29 258.15 101.34 142.24 151.06 159.31 182.18 200.15 155.14 53.51 254.07 370.83	0.26
RIVER-2	Reach-1	561.538*	Max WS	781.16	115.54	120.20		120.24	0.003516	1.65	487.06	428.49	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	466.153*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	781.15	115.15	119.92		119.97	0.003555	1./0	465.80	383.99	0.27
RIVER-2	Reach-1	370.769*	Max WS	781.10	114.77	119.66		119.71	0.003901	1.80	423.98	325.29	0.28
RIVER-2	Reach-1	275.384*	Max WS	780.63	114.38	119.34		119.42	0.005633	2.18	345.86	258.15	0.34
RIVER-2 RIVER-1	Reach-1	336 180	Max WS	727.80 150.61	169 00	170.73		170.90	0.000093	2.18 3.32 2.91 2.76	210.90 80.02	101.34	0.40
RIVER-1	Reach-1	325.5*	Max WS	149.96	168.75	170.36		170.71	0.003342	2.76	86.21	151.06	0.46
RTVFR-1	Reach-1	325.*	Max WS	162.87	168.50	170.09		170.18	0.005796	2.99	88.10	159.31	0.50
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	324.5*	Max WS	166.77	168.25	169.78		169.89	0.006614	3.15	89.92	182.18	0.54
RIVER-1	Reach-1	324 323.* 322	Max WS	165.95	168.00	169.54		169.60	0.004552	2.66	112.08	200.15	0.45
RIVER-1	Reach-1	323.*	Max WS	166.07	167.02	169.04	168.01	169.25	0.00/059	3.93	63.34	155.14	0.58
RIVER-1 RIVER-1	Reach-1	322	Max WS	100.32	166.00	167.55	100.01	167.61	0.012200	3.00	120 01	254 07	0.73
RIVER-1	Reach-1	319.*	Max WS	192.00	166.00	167.36		167.39	0.000523	2.99 3.15 2.66 3.93 5.06 3.28 1.76	163.99	370.83	0.33
RIVER-1	Reach-1	318 317.*	Max WS	192.08	166.00	167.18		167.21	0.002618	1.49	162.18	505.44	0.32
RTVFR-1	Reach-1	317.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	192.74	165.50	166.95		166.98	0.002436	1.49 1.39 2.10 2.04	146.11	373.85	0.30
RIVER-1 RIVER-1 RIVER-1	Reach-1	316 315.*	Max WS	193.71	165.00	166.45		166.52	0.007493	2.10	92.36	175.30	0.51
RIVER-1	Reach-1	315.*	Max WS	196.71	164.50	165.81		165.87	0.005622	2.04	96.52	154.15	0.45
RIVER-1 RIVER-1	Reacn-1	314 313.*	Wax WS	199.84 201 71	163 50	164 99		165.42 165.08	0.002037	2.60	114 49	273 02	0.34
DIVED-1	Reach-1	312	Max WS	203.68	163.00	164.67		164.71	0.003184	2.69 2.11 3.14	182.31	355.21	0.37
RIVER-1 RIVER-1	Reach-1	312 311.*	Max WS Max WS Max WS	205.83	162.50	164.16		164.26	0.007144	3.14	112.83	230.13	0.55
RTVFR-1	Reach-1	310	Max WS	208.19	162.00	163.77		163.81	0.002278		171.39	232.16	0.32
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	310 309.*	May WS	210.16	166.00 165.50 165.50 164.50 164.00 163.50 162.50 162.50 162.70 161.26 160.51 159.76 159.00 159.00	163.21		163.40	0.003100 0.002997 0.002877 0.002877 0.002877 0.002877 0.003867 0.003104 0.003467 0.003504 0.003504 0.003503 0.003668 0.003647 0.003297 0.002155 0.002354 0.002637 0.00368 0.00368 0.003699 0.00368 0.003699 0.00368 0.003699 0.00368 0.003699 0.003509 0.00368 0.003690 0.00368 0.003690 0.003509	2.07 3.59 1.82 2.86 3.53 3.17 1.58 1.93 2.88	84.27	373.85 175.30 154.15 239.39 273.02 355.21 230.13 232.16 260.55 165.89 299.06 570.31 497.17 692.24 661.89 648.07	0.62
RIVER-1	Reach-1	308	Max WS	212.25	160.51	162.82		162.86	0.0016/6	1.82	728.AT	700 UE	0.28
KTAFK-T	Keach-1	307.*	Max WS Max WS Max WS Max WS	213.23 214 40	159./6	162.30		162.00	0.004476	3.53	103.00	570.31	0.58
RIVER-1 RIVER-1	Reach-1	306 305.*	Max WS	215.64	159.00	161.66		161.80	0.006680	3.17	99.11	497.17	0.54
RIVER-1	Reach-1	304	max ws	214.72	159.00	161.40		161.42	0.001408	1.58	272.61	692.24	0.25
RIVER-1	Reach-1	303.*	Max WS	214.50	158.75	161.28		161.32	0.001394	1.93	243.89	661.89	0.26
RIVER-1	Reach-1	302 301.*	Max WS Max WS	215.81	158.50	161.14		161.22	0.002243	2.88	202.22	648.07	0.35
RIVER-1	Reach-1	301.*	Max WS	721. 39 723. 96 726. 44 728. 99 731. 45 736. 45 738. 94 736. 95 741. 58 744. 158 744. 158 744. 748. 88 750. 99 755. 22 757. 33 761. 763. 96 766. 24 768. 50 770. 799 775. 21 777. 41 779. 64 781. 81 781. 79 781. 49 781. 15 781. 166. 07 781. 86 150. 69 162. 87 166. 97 168. 59 166. 07 168. 59 168. 60	158.50 158.25 158.00	129.52 129.27 129.27 128.77 128.53 128.04 127.25 126.65 126.65 126.65 126.65 126.65 126.77 128.53 127.25 126.65 126.79 127.53 127.25 126.65 126.13 125.60 124.77 124.50 124.26 124.70 124.50 124.70 124.50 124.70 124.50 124.70 124.70 124.70 124.70 124.70 124.70 124.70 125.60 124.77 125.60 124.77 126.78 127.03 12		129.55 129.30 129.05 128.80 128.56 128.32 128.07 127.56 127.58 126.41 126.68 126.41 125.63 125.63 125.63 125.63 125.63 125.63 125.63 124.80 124.80 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.83 124.29 124.86 123.67 123.86 123.67 123.86 123.67 123.86 123.67 123.86 124.99 124.70 123.86 124.38 125.11 120.82 120.52	0.002118 0.002098 0.002781	2.70	518.00 521.96 524.93 526.36 524.83 510.23 509.19 510.23 509.19 516.75 513.07 518.33 529.92 537.69 591.70 635.65 573.39 5497.77 505.72 522.03 539.36 550.15 534.19 505.65 534.19 506.50 487.06 487.0	269.66 260.03	0.28 0.340 0.48 0.48 0.50 0.54 0.58 0.75 0.33 0.32 0.51 0.45 0.37 0.55 0.32 0.46 0.37 0.55 0.32 0.32 0.32 0.32 0.32 0.33
RIVER-1 RIVER-1	Reach-1 Reach-1	300 299.*	Max WS Max WS	217.85	158.31	160.78		160.66	0.002038	2.55	153.69	205.70	0.38
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RIVER-1	Reach-1	298 297.* 296 295.* 294 293.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	213.51	158.62 158.31 158.00 158.01 157.51 157.00 157.00	160.42 160.28 160.23 160.20 160.16 160.12 160.08 159.95 159.72	·	160.46 160.30 160.24 160.21 160.17 160.13 160.09 160.05 159.84	0.002157 0.001067 0.000231 0.000391 0.000399 0.000360 0.000416 0.002202 0.002228	2.48 1.72 0.82 1.06 1.12 1.35 3.00	172.08 258.01 466.65 352.22 321.67 295.78 254.09 100.09 76.56	183.48 354.10 450.71 387.04 323.42 217.58 152.13 66.97 36.31	0.33 0.23 0.11 0.14 0.14 0.15 0.35
RIVER-I	Reach-1	297.* 296	Max WS	208.06 207.55	158.31 158.00	160.28		160.30	0.00106/	0.82	258.01 466.65	354.10 450.71	0.23
RIVER-1	Reach-1	295.*	Max WS	206.83	158.01	160.20		160.21	0.000391	1.06	352.22	387.04	0.14
RIVER-1	Reach-1	294	Max WS	217.52	158.01	160.16		160.17	0.000399	1.06	321.67	323.42	0.14
RIVER-1	Reach-1	293.*	Max WS	217.41	157.51	160.12		160.13	0.000360	1.12	295.78	217.58	0.14
RIVER-I	Reach-1	291.5 290.62 290.61 289.32 288.66* 288. 287.* 286. 285.* 281.* 282. 281.* 280. 279.* 278. 277.* 276. 275.* 274. 273.* 271.* 270.	Max WS May WS	217.23 217.22	157.00	160.08 159.95		160.09	0.000416	3.00	254.09 100.09	152.13 66 97	0.15 0.35
RIVER-1	Reach-1	290.62	Max WS	217.21	157.00	159.72	158.43	159.84	0.002228	2.84	76.56	36.31	0.34
RIVER-1	Reach-1	290.61		Bridge									
RIVER-1	Reach-1	289.32	MAX WS MAX WS	217.01	157.00 156.50 156.00 156.00 155.50 155.50 154.75 154.50 154.25 152.40 153.25 152.40 151.40 151.40 151.30 151.40 151.40 151.40	158.97 158.51 158.29 158.29 158.02 157.73 157.36 157.10 156.76 155.95 155.59 155.50 154.63 154.32 154.32 153.86 153.86 153.24 152.23 151.88 151.60		159.25 158.79 158.30 158.26 158.16 157.86 157.25 156.56 156.14 155.78 155.34 154.87 154.40 154.11 153.89 153.68 153.32 152.39 152.39	0.007128 0.008997 0.000366 0.000548 0.000633 0.003277 0.003322 0.003545 0.003567 0.004431 0.003913 0.003615 0.005754 0.005754 0.003971 0.001825 0.0006107 0.001497 0.001499 0.004793 0.004793	4.24 4.23 1.05 1.30 1.30 3.63 3.69 3.69 3.55 3.47 3.57 1.45 1.32 2.39 3.26 3.35 3.32 3.32 3.32 3.33	51.13 51.29 399.37 335.92 307.05 96.02 73.33 75.19 104.83 90.74 65.24 65.37 64.91 76.01 114.38 136.32 175.85 263.81 187.30 102.06 102.40 72.08 69.33 69.37	31.84 43.15 427.10 386.63 331.65 135.17 45.22 88.20 138.12 109.36 102.00 58.21 44.32 68.57 99.20 140.44 214.37 230.61 245.73 247.16 103.50 75.00 35.20 35.07 35.51	0.59 0.65 0.14 0.17 0.41 0.41 0.45 0.43 0.43 0.45 0.43 0.52 0.54 0.30 0.21 0.21 0.41 0.45
RIVER-I	Reach-1	288.66" 288	Max WS	216.68 215.06	156.50	158.51 158.20		158.79	0.008997	4.23	31.29	43.15 427 10	0.65
RIVER-1	Reach-1	287.*	Max WS	214.74	156.00	158.25		158.26	0.000548	1.30	335.92	386.63	0.17
RIVER-1	Reach-1	286	Max WS	214.69	156.00	158.19		158.21	0.000633	1.41	307.05	331.65	0.18
RIVER-1	Reach-1	285.*	Max WS	214.88	155.50	158.02		158.16	0.003277	3.03	96.02	155.17	0.41
RIVER-1	Reach-1	284 283 *	Max WS	215.12 215.53	155.00 154 75	157./3 157.36		157.86 157.53	0.003322	2.93	/3.33 75 10	45.22 88 20	0.41
RIVER-1	Reach-1	282	Max WS	215.92	154.50	157.10		157.25	0.003545	3.69	104.83	138.12	0.43
RIVER-1	Reach-1	281.*	Max WS	216.45	154.25	156.76		156.93	0.003567	3.63	90.74	109.36	0.43
RIVER-1	Reach-1	280	Max WS	216.95	154.00	156.34		156.56	0.004431	3.84	70.67	102.00	0.48
RIVER-1	Reach-1	2/9.* 278	Max WS	217.46 217.97	153.25 152.50	155.95		156.14 155.78	0.003913	3.55	65.24 65.37	58.21 44.32	0.45
RIVER-1	Reach-1	277.*	Max WS	233.43	152.45	155.10		155.34	0.005215	3.93	64.91	68.57	0.52
RIVER-1	Reach-1	276	Max WS	233.79	152.40	154.63		154.87	0.005754	4.15	76.01	99.20	0.54
RIVER-1	Reach-1	275.*	Max WS	234.13	151.90	154.32		154.40	0.003093	2.23	114.38	140.44	0.34
RIVER-I	Reach-1	2/4 273 *	Max WS	234.32 234.05	151.40 151.30	154.06 153.86		154.11 153.89	0.0031/1	1.75	136.32 175.85	214.37	0.30
RIVER-1	Reach-1	272	Max WS	234.21	151.20	153.76		153.78	0.001023	1.01	263.81	245.73	0.15
RIVER-1	Reach-1	271.*	Max WS	234.28	150.85	153.66		153.68	0.001497	1.32	187.30	247.16	0.21
RIVER-1	Reach-1	270	Max WS	234.41	150.50	153.24		153.32	0.006107	2.30	102.06	103.50	0.41
RIVER-1	Reach-1	269.* 268	Max WS	234.85 234.82	150.12	152.74		152.82 152.30	0.003956	2.29 3.26	102.40 72.08	75.00 35.20	0.33
RIVER-1	Reach-1	267.265*	Max WS	234.81	149.43	151.88		152.06	0.004793	3.39	69.33	35.20	0.42
RIVER-1	Reach-1	269.* 268.2 267.265* 266.53 266.52 265.05 264.033* 263.016* 262 261.* 260 259.* 258 257.* 256 255.*	Max WS	234.79	149.10	151.60	150.59	151.78	0.003500	3.38	69.37	35.51	0.43
RIVER-1	Reach-1	266.52	***** 1.10	Bridge	140 65	151 01		151 22	0.004300	2 60	62.77	24 12	0.47
RIVER-I	Reach-1	265.05 264 033*	Wax WS	234.78 234.76	148.65 148.24	151.01		151.22	0.004398	3.65	63.// 64.31	34.13 42.87	0.47
RIVER-1	Reach-1	263.016*	Max WS	234.61	147.84	150.21		150.35	0.006360	3.12	88.49	120.41	0.47
RIVER-1	Reach-1	262	Max WS	234.54	147.43	150.00		150.03	0.001391	1.55	199.10	207.16	0.21
RIVER-1	Reach-1	261.*	Max WS	234.93	146.71	149.23		149.42	0.010696	3.51	68.68	61.28	0.56
RIVER-I	Reach-1	200 259 *	Max WS	233.30	146.00	148.00		148.00	0.003362	3 45	74 39	84 18	0.53
RIVER-1	Reach-1	258	Max WS	235.41	146.00	147.72		147.77	0.003259	2.06	146.98	182.51	0.31
RIVER-1	Reach-1	257.*	Max WS	235.63	145.50	147.46		147.51	0.003161	2.26	151.89	204.67	0.32
RIVER-1	Reach-1	256	Max WS	235.85	145.00	147.05		147.15	0.006584	3.42	130.77	276.21	0.46
RIVER-I	Reach-1	255." 254	W X MS	245.76 245.03	144.50	140.31 145 90		140.05 146.04	0.008233	3.74	80 38 TO3.00	99 76	0.51
RIVER-1	Reach-1	253.*	Max WS	246.10	143.00	145.08		145.29	0.012356	4.24	79.49	109.82	0.62
RIVER-1	Reach-1	254 253.* 252 251.*	Max WS	246.23	142.00	144.63		144.69	0.003619	2.61	142.96	181.25	0.34
RIVER-1	Reach-1	251.*	Max WS	246.58	141.75	144.17		144.24	0.004086	2.57	145.66	261.29	0.36
RIVER-I	Reach-1	251. 250 249.* 248 247.* 246 245.*	Max WS May WS	240.00 246 97	141.30	143.62		143.62	0.002407	2.14	177.08	386.91	0.32
RIVER-1	Reach-1	248	Max WS	247.12	141.00	143.26		143.34	0.004029	2.37	142.22	369.61	0.35
RIVER-1	Reach-1	247.*	Max WS	247.31	140.75	142.90		142.94	0.003552	2.11	173.07	292.61	0.33
RIVER-1	Reach-1	246	Max WS	247.65	140.50	142.66		142.68	0.001011	1.31	261.90 105.45	2/6.06 130.27	0.18
RIVER-1	Reach-1	243."	Max WS	247.96	139.73	142.36		142.17	0.005112	3.40	132.28	203.86	0.41
RIVER-1	Reach-1	243.*	Max WS	248.07	139.50	141.84		141.91	0.003942	2.73	134.98	179.77	0.36
RIVER-1	Reach-1	244 243.* 242 241.*	MAX WS MAX WS	248.16	140.00	141.63		141.68	0.003523	2.19	158.39	225.47	0.33
RIVER-1	Reach-1	241.*	Max WS	248.37	139.50	141.31		141.36	0.004239	2.38	148.05 150 70	215.74 165 94	0.36 0.31
KIVEK-I	Reach-1	240 239.* 238 237.25*	Max WS Max WS	248.80	138.50	140.74		140.78	0.003167	1.97	163.66	226.87	0.31
RIVER-1	Reach-1	238	Max WS	248.79	138.00	140.37		140.43	0.004860	2.13	149.63	242.39	0.37
RIVER-1 RIVER-1	Reach-1	237.25*	Max WS	233.12	148.65 148.24 147.84 147.84 146.71 146.00 146.00 145.50 145.50 145.00 144.50 144.50 144.50 144.75 141.25 141.25 141.25 141.30 140.75 139.50 139.50 139.50 138.50 138.60 137.62 137.25	151.01 150.60 150.21 150.00 149.23 148.60 148.04 147.72 147.46 147.05 146.51 145.90 145.08 144.17 143.82 143.57 143.26 142.90 142.66 142.38 144.17 143.82 143.57 143.26 142.38 144.13 141.63 141.63 141.63 141.63 141.63 141.63 141.63 141.63 141.72		151. 22 150.80 150.35 150.03 149.42 148.66 148.21 147.51 147.51 146.04 145.29 144.24 143.85 143.862 143.34 142.94 142.68 142.50 142.17 141.68 141.06 141.06 140.78 140.73 140.11 139.72	0.004398 0.006394 0.006360 0.001391 0.010696 0.003582 0.009369 0.003251 0.003161 0.006584 0.003266 0.012356 0.012356 0.003619 0.004086 0.002467 0.003399 0.004029 0.003522 0.001011 0.005484 0.005484 0.005112 0.003942 0.003523 0.004029 0.003523 0.004029 0.003523 0.004029 0.003523 0.004029 0.003523 0.004029 0.003523 0.004029	3.68 3.65 3.12 1.55 3.227 3.45 2.26 3.42 4.24 2.57 1.93 2.37 2.11 3.32 2.73 2.13 2.73 2.19 2.20 2.20 2.20 2.20 2.20 2.20 2.20 2.2	63.77 64.31 88.49 199.10 68.68 134.91 74.39 146.98 151.89 130.77 103.66 89.38 79.49 142.22 173.07 261.90 105.45 132.28 134.98 158.39 148.05 150.70 163.66 149.63 154.77 127.91 70.76	34.13 42.87 120.41 207.16 61.28 171.05 84.18 182.51 204.67 276.21 168.26 99.76 109.82 181.25 261.29 425.66 136.61 292.61 276.06 130.27 203.86 179.77 225.47 215.47 215.47 215.94 226.87 226.87 225.47 215.94 226.87 225.47 215.54 226.87 225.47 215.54 226.87 225.47 215.54 226.87 225.47 215.54 226.87 225.47 215.54 226.87 225.47 215.54 226.87 237 237 237 237 237 237 237 23	0.47 0.53 0.27 0.26 0.33 0.33 0.31 0.32 0.41 0.36 0.32 0.35 0.33 0.41 0.36 0.33 0.31 0.36 0.31
RIVER-1	Reach-1	236.5	Max WS Max WS	248.75	137.25 136.60	139.63	138.15	139./2	0.007772 0.003660	2.8/ 3.52	70.76	281.22 35 34	0.47
RIVER-1 RIVER-1	Reach-1 Reach-1	233.83 235.84	Max WS	213.51 208.06 207.55 206.83 217.41 217.23 217.21 Bridge 217.01 216.68 215.06 214.74 214.69 214.69 214.74 215.53 215.53 216.45 217.97 233.79 234.13 234.79 234.28 234.81 234.81 234.81 234.81 234.81 234.81 234.81 234.81 234.79 87.10 88.23 246.58 246.58 246.58 246.58 246.58 246.58 246.58 246.58 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.65 247.96 248.77 248.57 248.77 248.77 248.77 248.77 248.77 248.77 248.77 248.77 248.77 248.77 248.77 248.77	130.00	133.10	130.13	139.33	0.003000	3.32	70.70		
RIVER-1	Reach-1	236.5 235.85 235.84 235.23	Max WS	248.72	136.10	139.04		139.17	0.002197	2.94	84.61	37.62	0.35

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RIVER-1	Reach-1 Reach-1	234.153* 233.076* 232 231.* 239.* 229.* 228 227.* 226 225.*	Max WS	248.69 248.68 248.67 248.42 248.32 259.44 259.62 260.02 260.14 260.26 260.71 260.84 260.75 260.78 260.78 260.78 260.99 309.99	135.73 135.37	138.85	. 1	39. 03 38. 55 38. 05 37. 85 37. 78 37. 67 37. 57 37. 27 36. 64 36. 26 35. 77 35. 52 35. 35 35. 12 34. 34 34. 34 34. 34 34. 33 33. 60	0.003245	3.42	75.70 94.06	84.38 229.02 409.35 442.03	0.39
RIVER-1	Reach-1	233.076*	Max WS	248.68	135.37 135.00	138.65 138.25 137.93 137.84 137.64 137.51 137.51 136.85 136.53 136.17 135.70 135.70 135.39 135.21 135.18 135.10 134.99 134.74 134.48 134.99 134.74 134.48 134.07 133.19 132.72	1	.38.86	0.004961 0.010890 0.003611 0.000501 0.000804 0.001313 0.001563 0.005507 0.005507 0.005542 0.005458 0.003276 0.003446 0.006036 0.004609	3.92 5.09	94.06	229.02	0.44
RIVER-1 RIVER-1	Reach-1 Reach-1	232 231 *	Max WS Max WS	248.07 248.42	135.00	130.23 137 93	1	.30.33 38 NN	0.010890	2.85	104.41 186.98	409.33	0.39
RIVER-1	Reach-1	230	Max WS	248.32	135.00	137.84	1	37.85	0.000501	1.09	401.78	500.14	0.13
RIVER-1	Reach-1	229.*	Max WS	259.44	134.50 134.00	137.76	$\bar{1}$.37.78	0.000804	1.49	333 70	450.41	0.35 0.35 0.13 0.17 0.21
RIVER-1	Reach-1 Reach-1 Reach-1	228	Max WS	259.65	134.00	137.64	1	.37.67	0.001313	2.01	270.23	428.15	0.21
RIVER-1	Reach-⊥	227.*	Max WS	259.82	133.85 133.70	137.51	1	.37.55	0.001563	1.98	240.58	361.49 206 11	0.23
RIVER-1 RIVER-1	Reach-1	220 225 *	Max WS	260.02 260.14	133.48	136.85	†	36 95	0.005507	3.21	270.23 240.58 149.50 143.79	288.72	0.41
RIVER-1	Reach-1 Reach-1 Reach-1	224	MAX WS MAX WS	260.26	133.25	136.53	î	36.64	0.005542	2.89 3.21 3.53 3.48 2.76 2.94 3.89	142.92 146.98 179.71	428.15 361.49 306.11 288.72 278.17 272.83 272.63 286.72 309.54 286.81	0.23 0.41 0.41 0.42
RIVER-1	Reach-1	224 223.* 222	Max WS	260.40	133.25 133.12 133.00	136.17	1	36.26	0.005458	3.48	146.98	272.83	0.42
RIVER-1	Reacn-⊥	222	Max WS	260.56	133.00	135.91	1	.35.96	0.003276	2.76	179.71	272.63	0.33
RIVER-1	Reach-1	221.*	Max WS	260.71	132.70 132.40	135.70	1	35.//	0.003446	2.94		286.72	0.42 0.33 0.34 0.45 0.40 0.18
RIVER-1 RIVER-1	Reach-1 Reach-1	220 219 *	Max WS May WS	260.64	132.40	135.39	i	35.35	0.000030		139.39	286.81	0.40
RIVER-1	Reach-1	218	Max WS	260.78	131.20	135.18	ī	35.21	0.000884	1.81	274.87	345.75	0.18
DTVED 1	Poach-1	220 219.* 218 217.*	Max WS	260.98	131.80 131.20 131.98 132.75 132.62	135.10	1	.35.12	0.004609 0.000884 0.001066 0.001520 0.004894 0.003435 0.002738	1.81 1.75 1.69	139.39 139.39 274.87 260.84 235.37 141.75 173.41	345.75 325.90 306.49 239.02 286.17	0.19 0.22 0.40
RIVER-1	Reach-1		Max WS	261.16	132.75	134.99	1	.35.01	0.001520	1.69	235.37	306.49	0.22
RIVER-1	Reach-1	215.*	Max WS	276.89 276.91	132.62	134.74 134.48	1	.34.64 34.54	0.004894	2.91 2.28	173.41	239.02	0.33
RIVER-1	Reach-1	213.*	Max WS	310.06	131.88	134.23	ī	34.30	0.002738	2.64	188.86	218.69	0.34
RIVER-1	Reach-1	212	Max WS	309.99	131.25	134.07	1	34.13	0.002200 0.012270	3.07	204.45 59.19	179.85	0.35
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	215.* 214 213.* 212 211.065*	Max WS	309.97	132.50 131.88 131.25 130.32 129.39	133.19	1	.33.62	0.012270	5.24	59.19 73.33	28.49	0.64 0.41
KTAFK-T	Reach-1	210.13	Max WS	309.9b	129.39	132.72	1	.33.00	0.001016	4.23	/3.33	38.24	0.41
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	211.1065* 210.13 209.23 208.43 205.91 205.49 204.965* 204.44 203.626* 202.813*	Max WS	Culvert 309.96 309.93 309.93 309.89 309.88 309.88 309.87 309.85 309.77 225.40 224.23 222.95 221.55 219.99 219.95 218.15 218.03 215.93 543.98 543.28 543.28	128.67	132.57	1	32.72	0.000455	3.14	98.75	63.69	0.28
RIVER-1	Reach-1	205.91	Max WS Max WS Max WS	309.93	128.67 129.85 129.75 129.62	132.57 132.28 132.18 132.05 131.92 131.71 131.52 131.32 131.17 130.94 130.73 130.52 130.34 130.23 130.17 130.13 130.10 130.07 130.05 130.00 129.70 129.70 129.76 129.76 129.76 129.76 129.77	1	32 . 72 32 . 73 32 . 50 32 . 37 32 . 33 32 . 33 33 . 33 31 . 83 331 . 47 331 . 24 330 . 81 30 . 36 30 . 38 30 . 38 30 . 30 30 . 30	0.00455 0.002588 0.002599 0.002599 0.002574 0.002572 0.002494 0.002462 0.002462 0.002461 0.002328 0.002209 0.002044 0.00902 0.000543 0.000263 0.000263 0.000263 0.000100 0.000136 0.000110 0.000648 0.000246 0.000246	3.14 4.57 4.57	98.75 67.76	63.69 35.68 35.86	0.28 0.59 0.58 0.58 0.57 0.57 0.57 0.56 0.54 0.52 0.31 0.28 0.22
RIVER-1	Reach-1	205.49	Max WS	309.93	129.75	132.18	1	32.50	0.002599	4.57	67.80	35.86	0.59
RIVER-1	Reach-1	204.965*	Max WS Max WS Max WS Max WS Max WS	309.92	129.62 129.49	132.05	1	32.37	0.002590	4.56 4.53 4.52	67.80 68.04 68.34 68.53 69.46 70.09 69.73 70.16 70.97 72.20 74.12	36.10	0.58 0.58
RIVER-1 RIVER-1	Reach-1	204.44 203.626*	Max WS	309.69	129.49	131.92	1	32.23	0.002574	4.52	68.53	36.35 36.61 37.02	0.58
RIVER-1	Reach-1	202.813*	Max WS	309.88	129.29 129.08	131.52	ī	31.83	0.002494	4 46	69.46	37.02	0.57
RIVER-1	Reach-1	202	Max WS	309.87	128.88 128.72	131.32	1	31.63	0.002450	4.42 4.44 4.42 4.37	70.09	37.38 37.01 37.00 37.07 37.20 37.47	0.57
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	201, 36 200, 405* 199, 451* 198, 497* 197, 542* 196, 588* 195, 634* 194, 68* 193, 725* 192, 771*	May WS	309.85	128.72	131.17	1	31.47	0.002462	4.44	69.73	37.01	0.57
RIVER-1 RIVER-1	Reach-1	200.405* 100.451*	Max WS Max WS Max WS	309.85	128.48 128.24	130.94	1	31.24	0.002411	4.42	70.10	37.00	0.56
RTVFR-1	Reach-1	198.497*	Max WS	309.79	128.00	130.52	ī	30.81	0.002209	4.29	72.20	37.20	0.54
RIVER-1 RIVER-1 RIVER-1	keacn-⊥	197.542*	May WS	309.71	127.76	130.34	1	30.61	0.002044	4.18	74.12	37.47	0.52
RIVER-1	Reach-1	196.588*	Max WS	225.40	127.52	130.23	1	30.36	0.000902	2.86 2.61	/8.94	38.23	0.35
RIVER-1	Reach-1	195.634*	Max WS Max WS Max WS Max WS Max WS	224.23	127.28	130.1/	1	30.28	0.000702	2.38	78.94 85.87 93.53	38.23 39.35 40.52 41.70	0.31
RIVER-1 RIVER-1	Reach-1	193.725*	Max WS	221.55	126.81	130.10	1	30.17	0.000426	2.18	707 40	41.70	0.25
RIVER-1	Reach-1	192.771*	Max WS	219.99	126.57	130.07	1	30.13	0.000331	2.00	110.25 119.55 129.33	42.99	0.22
RIVER-1	Reach-1	191.817*	Max WS	219.95	126.33	130.05	1	30.10	0.000263	1.84 1.69	119.55	44.27 45.58	0.20
RIVER-1	Reach-1	190.862*	Max WS	218.15	126.09	130.03	1	30.08	0.000207	1.69	139.47	45.38 46.87	0.16
RIVER-1 RIVER-1	Reach-1	190.862* 189.908* 188.954*	Max WS Max WS Max WS Max WS	218.03	125.61	130.02	1	30.04	0.000136	1.45	150 06	48.19	0.15
RIVER-1	Reach-1		Max WS	215.93	125.37	130.00	ī	30.03	0.000110	1.34 3.35 2.97	160.92 162.17 185.62	49 48	0.13
RIVER-1 RIVER-1 RIVER-1	Reach-1	187.7	Max WS	543.99	125.29	129.70	1	29.87	0.000638	3.35	162.17	46.40	0.32
RIVER-1	Reach-1	187.65	Max WS	543.98	125.27	129.73	. 1	29.87	0.000464	2.97	185.62 241 16	52.41 62.93	0.28
RIVER-1 RIVER-1	Reach-1 Reach-1	187.7 187.65 187.2 187.15	Max WS Max WS Max WS Max WS Max WS	543.26 543.28	128.24 128.00 127.76 127.52 127.28 127.04 126.81 126.57 126.33 126.09 125.85 125.61 125.37 125.29 125.27 125.15	129.76	1	29.84	0.000240	2.28 2.29	241.16 237.38 263.61	46.40 52.41 62.93 62.20	0.20 0.18 0.15 0.13 0.32 0.20 0.21 0.19
RIVER-1	Reach-1	187	Max WS	543.27	125.09	129.77	ī	29.84	0.000207	2.06 4.15	263.61	68.80	0.19
RIVER-1	Reach-1	186.81	Max WS	542.68	123.29	129.58	1	29.85	0.000420	4.15	130.84	72.22	0.29
RIVER-1	Reach-1	186.80		Culvert	122 70	120 44	4	20 65	0.000300	2 70	146 54	18 81	0.25
RIVER-1	Reach-1 Reach-1	186.80 185.39 184.5	Max WS Max WS	541.77 542 54	122.78	129.44	1	29.56	0.000309 0.000810 0.000770	3.70 2.02	146.54 541.72 529.30 276.33	48.84 399.49 391.28	0.22
RIVER-1	Reach-1	184	Max WS	541.77	126.00 126.00	129.48	i	29.51	0.000770	2.11	529.30	391.28	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	184 183.*	Max WS	547.98	126.00	129.34	1	29.44	0.002785	3.57	276.33	220.09	0.36
RIVER-1	Reach-1	182	Max WS	547.54	126.00	129.23	1	29.29	0.001871	2.67	312.04	206.22	0.27
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	182 181.* 180 179.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	549.34	126.00	129.00 128.74	1	29.U8 28.81	0.002785 0.001871 0.002657 0.002971 0.002625	2.95 2.85	312.04 282.14 305.77	218.16 303.12 376.27 442.52	0.25 0.22 0.22 0.36 0.27 0.32 0.33 0.31 0.19
RIVER-1 RIVER-1	Reach-1	100 179.*	Max WS Max WS	591.90	126.00 125.00 124.00	128.48	i	28.54	0.002625	2.88	35/./5	376.27	0.31
RIVER-1	Keach-1	178	Max WS	593.28	124.00	128.34	1	28.37	0.000944 0.001541	1.83	537.51 461.84	442.52	0.19
RIVER-1	Reach-1	177.*	Max WS	596.09	124.00	128.15	1	28.19	0.001541	2.38	461.84	453.72 449.19	0.24 0.35
RIVER-1	Reach-1	177.* 176 175.* 174	Max WS Max WS Max WS Max WS	542.68 Culvert 541.77 542.54 541.77 547.98 547.34 550.49 591.90 593.28 596.09 599.04 606.53 605.33	124.00 123.50	129.44 129.54 129.48 129.34 129.00 128.74 128.48 128.34 128.15 127.78 127.78	1	.29.65 .29.56 .29.51 .29.44 .29.29 .29.08 .28.81 .28.54 .28.37 .28.19 .27.85 .27.61	0.003374 0.004178	3.33 3.70	354.71 329.29	461.92	0.33
RIVER-1 RIVER-1	Reach-1 Reach-1	1/3.° 174	max ws Max WS	605.33	123.30	127.27	i	27.35	0.003327	3.33	379.85	569.08	0.34
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RIVER-1	Reach-1	173 *	Max WS	603 33	123.50	KiteCreek.rep	127 19	0.001826	2 37	510 79	647 26	0.25
RIVER-1	Reach-1	173.* 172	Max WS	603.33 603.09	124.00	127.16 127.12 127.03	127.13	0.000572	2.37 1.29	510.79 797.43	647.26 749.03	0.25 0.14
RIVER-1	Reach-1	171.*	Max WS	603.03	124 00	127.03	127.05	0 000871	1.56	712.67	787.11 690.70 797.14	0.17 0.21 0.28
RIVER-1	Reach-1	170	Max WS	602.47	124.00	126.90	126.92	0.001328	1.85 2.53	594.89 524.79	690.70	0.21
RIVER-1	Reach-1	169.*	Max WS	602.62	123.50	126.80	126.84	0.001328 0.002189 0.001959	2.53	524.79	797.14	0.28
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	168	Max WS	602.84	123.00	126.69	126.72	0.001959	2.48	489.64	609.85	0.26
RIVER 1	Reach-1	167.*	Max WS	602.79	122.50	126.57	126.60	0.001539	2.38	551.07	/01.69	0.24
RIVER-1	Reacti-1	165 *	Max WS	602.53	122.00	126.30	126.32	0.000993	2.01 2.76 2.22	575 70	996 65	0.19
RIVER-1	Reach-1	164	Max WS	603.51	120.00	125.91	125.93	0.001542	2.22	585.78	774.58	0.22
KIVEK-I	Reach-1	166 165.* 164 163.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS	604.59	124.00 124.00 123.50 123.00 122.50 122.00 121.00 120.00	125.75	125.80	0.002216	2.98	511.45	838.52	0.19 0.26 0.22 0.27
RIVER-1 RIVER-1 RIVER-1	Reach-1	162 161.*	Max WS Max WS Max WS Max WS	605.12		125.40	125.61	0.005575	4.87	551.07 581.44 575.70 585.78 511.45 316.14	742.72	().44
RIVER-1	Reach-1	161.*	Max WS	602.91	120.25 120.50 120.25 120.00	125.09	125.19	0.002889	3.38	399.45 597.45 602.29 629.64 546.05 374.72	693.44	0.33 0.20 0.19
RIVER-1 RIVER-1	Reach-1	160 159.* 158 157.*	Max WS	602.57	120.50	124.95	124.98	0.000000	1.97 1.86 1.70 2.23	597.45 602.20	720.29	0.20
RTVFR-1	Reach-1	158	Max WS	602.30	120.23	124.76	124.00	0.000980	1.70	629.64	771.63	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	157.*	May WS	602.76	119.50	124.68	124.72	0.001285	2.23	546.05	778.65	0.22
RIVER-1	Reach-1	156	Max WS Max WS Max WS	602.20	119 00	124.49	124.62	0.003585	3 Xh	374.72	750.95	0.36
RIVER-1	Reach-1	155.* 154 153.*	Max WS	601.67	119.00 119.00 119.00	124.20	124.28	0.002557	3.26 2.22 2.21	456.73	788.57	0.30
RIVER-1 RIVER-1	Reach-1	154	Max WS	617.06	119.00	124.02	124.04	0.001228	2.22	632.57	802.06	0.20
RIVER-I	Reach-1	153.*	Max WS Max WS	630.06	119.00	126.90 126.80 126.69 126.57 126.50 126.22 125.91 125.75 125.40 125.09 124.95 124.85 124.76 124.68 124.49 124.20 124.02	123.93	0.001539 0.000995 0.001942 0.001524 0.005575 0.002889 0.001061 0.000986 0.000872 0.001285 0.003585 0.003585 0.002557 0.001228 0.001174	2.21	456.73 632.57 662.54 698.32	701.69 855.24 996.65 774.58 838.52 742.72 693.44 720.29 744.33 771.63 778.65 750.95 788.57 802.06 889.19 923.30 930.53 866.80	0.21
RTVFR-1	Reach-1	151.*	May MS	648.00	119.00	123.70	123.73	0.001034	2.09	648.87	930.53	0.22
RIVER-1	Reach-1	150	Max WS	646.96	119.00	123.43	123.48	0.003149	2.60	491.81	866.80	0.32
RIVER-1 RIVER-1 RIVER-1	Reach-1	149.*	Max WS Max WS Max WS	651.51	118.50	123.16	123.21	0.002497	2.78	499.96	813.22	0.30
KTAFK-T	Reach-1	148 147.*	Max WS	655.98	118.00 117.92	122.96	123.00	0.001034 0.001401 0.003149 0.002497 0.001735 0.002106 0.003112 0.002100	2.58 2.55	556.94 581.60 543.84	813.22 786.30 998.74 1061.88	0.36 0.30 0.20 0.21 0.22 0.32 0.30 0.25 0.27
RIVER-1	Reach-1	147. * 146	Wax WS	662.06	117.83	122.01	122.65	0.002106	2.66	543.84	1061 88	0.27
RTVER-1	Reach-1	145.*	Max WS	665.55	117 92	122.39	122.43	0.003112	2.07	551 83	1060.85	0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	144	Max WS	668.22	118.00 117.50 117.00	122.20	122.24	0.002833	1 86	520.78	1124.74	0.29
RIVER-1	Reach-1	144 143.*	Max WS	671.33	117.50	122.04	122.07	0.001068	1.74 2.16	676.44	1006.69	0.20
KIVEK-I	Reach-1	142	Max WS	674.89	117.00	121.95	121.97	0.001111	2.16	520.78 676.44 740.57 657.31	958.97	0.20 0.20 0.24
RIVER-1 RIVER-1	Reach-1	141.* 140	Max WS	677.44	117.00 117.00	121.82	121.83	0.001648	2.60 2.94	608 13	1061 37	0.24
RIVER-1 RIVER-1	Reach-1	139.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	681.08	117.50	123.70 123.43 123.16 122.96 122.81 122.60 122.39 122.20 122.04 121.95 121.82 121.64 121.52 121.45 121.36 121.25 121.15 121.07 120.97	121.09	0.002833 0.001068 0.001111 0.001648 0.002189 0.001518 0.000802 0.001050 0.001681 0.001230 0.000879 0.001104 0.001022 0.001354 0.001250 0.001795 0.001795 0.002774	2.30	608.13 678.28 832.59 761.92 663.03 697.13 777.71	1060.85 1124.74 1006.69 958.97 999.52 1061.37 1000.98 971.22 999.65 1112.35 966.57 908.33 778.43 632.16 835.83	0.24
RTVFR-1	Reach-1	138	Max WS	683.03	117.50 118.00 118.00	121.45	121.46	0.000802	2.30 1.60	832.59	971.22	0.17 0.20
RIVER-1 RIVER-1 RIVER-1	Reach-1	137.*	May MS	685.59	118.00	121.36	121.38	0.001050	1.72 1.98	761.92	999.65	0.20
RIVER-1	Reach-1	136	Max WS Max WS Max WS Max WS	687.55	118.00 117.50 117.00 117.00	121.25	121.28	0.001681	1.98	663.03	1112.35	0.24 0.20
RIVER-1	Reach-1	135.* 134 133.*	Max WS	690.14	117.50	121.13 121.07	121.17	0.001230	1.61	777 71	908.37	0.20
RIVER-1 RIVER-1	Reach-1	133.*	Max WS	696.93	117.00	120.97	120.99	0.001104	1.30 1.43 1.36 1.48	667.71 635.25 623.84	778.43	0.19
RTVER-1	Reach-1	132	Max WS	701.04	117.00	120.86	120.88	0.001022	1.36	635.25	632.16	0.19 0.18 0.21 0.20 0.23 0.39 0.30 0.22
RIVER-1	Reach-1	131.*	Max WS	703.10	117.00	120.77	120.79	0.001354	1.48	623.84	835.83	0.21
RIVER-1	Reach-1	130	Max WS	705.34	117.00	120.67	120.69	0.001250	1.36	677.48	813.94 836.39 863.17 707.00 787.08	0.20
RIVER-1 RIVER-1	Reach-1	129.* 128	Max WS	706.41 707.30	117.00 117.00 116.71	120.57	120.60	0.001795	1.58 2.43 2.25	602.09 397.60 484.81 678.92	863 17	0.23
RIVER-1	Reach-1	127 *	Max WS	707.09	116.71	120.32	120.46	0.003233	2.25	484.81	707.00	0.30
RIVER-1	Reach-1	126	Max WS	706.86	116.42	120.05	120.07	0.001381	2.02	678.92	787.08	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	126 125.* 124 123.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	706.84	116.42 116.21 116.00 116.18 116.35 115.68	120.03	120.05	0.001259	1.77	708.22 791.84	832.40 873.82	0.21
RIVER-1	Reach-1	124	Max WS	706.81	116.00	120.01	120.02	0.000944	1.41 1.62	791.84 756.71	8/3.82	$\begin{array}{c} 0.18 \\ 0.19 \end{array}$
	Reach-1	123.*	Max WS	706.70	116.18	119.95	119.97	0.001091	1.62	730.71 798 48	873.82 897.94 980.90 644.82 635.84 601.33 551.59 520.65 398.82	n 10
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	122 121.*	Max WS Max WS	785.93	115.68	119.73	119.76	0.001033	1.60 2.11 2.12 2.90	798.48 600.91 675.27 577.76	644.82	0.13 0.26 0.21 0.29 0.51 0.34
RIVER-1	Reach-1	120	Max WS Max WS Max WS	785.67	115.00	119.58	119.61	0.001200	2.12	675.27	635.84	0.21
RIVER-1	Reach-1	119.*	Max WS	785.60	114.50	119.45	119.51	0.001850	2.90	577.76	601.33	0.29
RIVER-1	Reach-1	118 117.*	Max WS	780.44	114.00 114.50 115.00	119.12	119.36	0.004621	4.96 3.03	376.58 424.96	551.59	0.31
RIVER-1	Reach-1	116	Max WS Max WS	774.79 754.03	115 00	118 90	118 98	0.002038	2.52	411.44	398.82	0.34
RIVER-1 RIVER-1	Reach-1	115.*	Max WS	609.04	114 50	118.79	118.83	0.001248	1.66	444.19 534.58	440.66 500.46	0.24
RIVER-1	Reach-1	114 112.05	Max WS	537.74	114.00	118.73	118.75	0.000637	1.66 1.13	534.58	500.46	0.17 0.30
RIVER-1	Reach-2	112.05	Max WS Max WS	603.03 602.47 602.47 602.47 602.84 602.79 603.33 602.51 604.59 605.12 602.36 602.76 602.36 602.76 630.06 630.06 648.00 646.96 651.51 655.98 659.78 662.96 665.55 668.22 671.33 674.89 677.66 681.03 681.03 681.03 685.59 687.55 688.22 671.33 674.89 677.66 681.03 681.03 685.59 687.55 785.67 785.60 78	114.00 112.00 112.00	120.67 120.57 120.32 120.11 120.03 120.03 120.01 119.95 119.89 119.73 119.58 119.45 119.45 119.12 119.02 118.79 118.73 118.73 118.73 118.73	127. 19 127. 13 127. 05 126. 92 126. 84 126. 72 126. 60 126. 52 126. 26 125. 93 125. 61 125. 19 124. 198 124. 88 124. 79 124. 62 124. 28 124. 72 124. 62 124. 88 123. 73 123. 48 123. 95 123. 86 123. 73 123. 48 123. 123. 123. 123. 123. 123. 123. 123.	0.002774 0.001381 0.001259 0.000944 0.001091 0.001035 0.001210 0.001200 0.001850 0.004621 0.002058 0.002293 0.001248 0.000637 0.001544	2.69	640.19 635.39	566.14	0.30 0.30
RIVER-1	Reach-2	112	Max WS	1265.61	112.00	118.72		0.001565	2.71		563.95	
RIVER-1 RIVER-1	Reach-1 Reach-1	111.95 111.*	Max WS	1260 98	113.00	118.61	118.70	0.001855	2.54	630.79	542.75	0.32
RIVER-1	Reach-2	110	Max WS	1219.00	114.00	118.54	118.59	0.001412 0.002382	2.04 2.77	630.79 817.71 697.38	542.75 665.77 588.73	0.27
RIVER-1	Reach-2	109.*	Max WS	Lat Struct 1260.98 1219.00 1198.36	113.50	118.34	118.41	0.002382	2.77	697.38	588.73	0.35
RIVER-1	Reach-2	108	Max WS	1193.28	113.00	118.15 118.11	118.70 118.59 118.41 118.24 118.17 118.12	0.001484	3.25	767.58 931.41	584.49 675.64	0.32 0.27 0.35 0.31 0.25
RIVER-1	Reach-2 Reach-2	107.* 106	Max WS	1192.26 1191.84	$112.00 \\ 111.00$	118.11 118.08	118.17 118.12	0.001015 0.000640	2.65 2.42	1120.37	747.99	0.23
RIVER-1	Keach-2	TOO	Max WS	TT3T.04	TTT.00	TT0.00	110.12	3.0000-0	21.12	1120.57	, ,, ,, ,,	

RYVER-1 Reach-2 103.* MAX MS 1193.78 110.50 118.03 RYVER-1 Reach-2 103.* MAX MS 1193.78 110.00 117.07 RYVER-1 Reach-2 103.* MAX MS 1193.79 110.00 117.07 RYVER-1 Reach-2 100.* MAX MS 1193.79 110.00 117.07 RYVER-1 Reach-2 100.* MAX MS 1193.79 110.00 117.07 RYVER-1 Reach-2 100.* MAX MS 1193.79 110.00 117.07 RYVER-1 Reach-2 99.* MAX MS 1194.40 111.00 117.03 RYVER-1 Reach-2 99.* MAX MS 1194.40 111.00 117.03 RYVER-1 Reach-2 99.* MAX MS 1194.40 111.00 117.03 RYVER-1 Reach-2 99.* MAX MS 1194.40 110.00 117.03 RYVER-1 Reach-2 99.* MAX MS 1194.40 110.00 117.03 RYVER-1 Reach-2 99.* MAX MS 1194.40 110.00 117.07 RYVER-1 Reach-2 99.* MAX MS 1194.40 110.00 117.07 RYVER-1 Reach-2 99.* MAX MS 1194.40 110.00 117.07 RYVER-1 Reach-2 99.* MAX MS 1194.00 110.00 117.07							KiteC	reek.rep						
RIVER-1 Reach-2 100.4 Max WS 1209.79 110.00 117.97 117.99 0.000248 1.73 1431.32 835.72 0.13 Feb. 100.6 Max WS 1244.46 111.00 117.94 0.00041 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.46 111.00 117.77 117.94 0.00041 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.46 111.00 117.77 117.94 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.46 111.00 117.77 117.79 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.46 111.00 117.77 117.79 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.08 110.00 117.67 117.70 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.08 110.00 117.67 117.70 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.08 110.00 117.67 117.70 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.08 110.00 117.67 117.70 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1244.00 61 100.9 50 117.63 117.60 0.00040 2.12 1414.16 808.51 0.17 RIVER-1 Reach-2 99.8 Max WS 1252.04 109.00 117.65 117.59 0.000388 2.12 1381.33 777.05 0.17 RIVER-1 Reach-2 99.8 Max WS 1252.04 109.00 117.55 117.59 0.000388 2.12 1381.33 770.16 0.16 RIVER-1 Reach-2 99.8 Max WS 1252.04 109.00 117.55 117.59 0.000388 2.12 1313.73 770.59 0.66 0.16 RIVER-1 Reach-2 98.8 Max WS 1256.67 1008.00 117.45 117.45 0.000310 2.00 1447.51 118.10 119.40 0.15 RIVER-1 Reach-2 88.8 Max WS 1256.67 1008.00 117.45 117.45 0.000310 2.00 1447.51 118.14 104.69 0.15 RIVER-1 Reach-2 88.8 Max WS 1256.67 1008.00 117.43 117.44 0.000310 2.00 1447.51 118.40 0.15 RIVER-1 Reach-2 88.8 Max WS 1256.67 1008.00 117.43 117.44 0.000310 2.00 1447.51 118.40 0.15 RIVER-1 Reach-2 88.8 Max WS 1256.67 1008.00 117.43 117.44 0.000310 2.00 1447.51 118.40 0.15 RIVER-1 Reach-2 88.8 Max WS 1256.67 1008.00 117.43 117.44 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 118.40 0.000310 2.00 1447.51 11	RIVER-1	Reach-2	105.*		1191.28	110.50	118.03		118.08	0.000793	2.47	1087.23	756.80	0.22
RIVER-1 Reach-2 100.4 Max WS 1209.79 110.00 117.97 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.52 835.72 0.13 FIRSTORY 1.00 117.99 0.00028 1.73 1431.70 1431.70 0.00028 1.73 14	RIVER-1	Reach-2	104	Max WS	1190.68	110.00	117.98		118.04	0.000770	2.82	1084.65	765.46	0.21
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	103.*	Max WS Max WS	1009.79	110.00	117.97		117.99	0.000761	1.73	1433.52	835.72	0.21
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RTVER-1	Reach-2	101.*	Max WS	1243.97	110.50	117.94		117.97	0.000421	2.13	1421.96	821.22	0.17
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-1	Reach-2	100	May WS	1243.20	111.00	117.91		117.94	0.000432	2.12	1412.76	808.48	0.17
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-1	Reach-2	99.*	Max WS	1244.46	111.00	117.83		117.86	0.000420	2.12	1414.16	808.51	0.17
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-I	Reach-2	98 97 *	Max WS	1245.85	111.00	117.76		117.79	0.000407	2.12	1418.00	811.91 701 68	0.17 0.16
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-1	Reach-2	96	Max WS	1248.08	110.00	117.67		117.70	0.000391	2.09	1407.78	770.89	0.16
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159		Reach-2	95.*	Max WS	1249.06	109.50	117.63		117.66	0.000402	2.14	1381.33	777.05	0.17
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-1	Reach-2	94	Max WS	1250.54	109.00	117.59		117.63	0.000411	2.19	1354.31	781.55	0.17
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	93."	Max WS Max WS	1252.04	109.00	117.51		117.55	0.000382	2.23	1213.72	597.68	0.16
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	91.*	Max WS	1254.73	108.50	117.48		117.51	0.000358	2.14	1249.07	604.66	0.16
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	90	Max WS	1256.67	108.00	117.45		117.48	0.000310	2.00	1482.15	1183.76	0.15
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	89.* 88	Max WS	1258.51	108.50	117.42 117.30		117.45 117.42	0.000301	2.02	1427.51 1415 83	1104.69 887.63	0.15 0.14
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	87.*	Max WS	1261.54	108.00	117.38		117.40	0.000148	1.59	1896.49	1216.46	0.11
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.83 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.79 115.82 0.000599 2.88 821.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1237.82 107.22 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Max WS 1242.59 106.63 115.58 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1243.53 106.82 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.60 115.61 0.00023 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.17 107.00 115.57 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.44 115.45 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.58 115.59 0.000152 1.17 1250.67 0.001210 3.00 723.90 446.73 0.24 RIVER-1 Reach-2 77.4 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 66 Max WS 1575.37 107.03 115.55 115.57 115.58 0.000100 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 67 Max WS 1575.37 107.00 114.87 115.48 115.49 0.00159	RIVER-1	Reach-2	86	Max WS	1262.91	107.00	117.37		117.39	0.000074	1.21	2496.89	1314.24	0.08
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	85.*	Max WS	1263.59	107.50	117.37		117.38	0.000077	1.13	2676.10	1358.45	0.08
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	84 83 *	Max WS Max WS	1204.20	108.00	117.37		117.36 117.37	0.000071	1.17	2901.33 2541.85	1318.53	0.07
RIVER-1 Reach-2 81.30 Max WS 1280.05 108.96 115.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.95 Max WS 1281.09 108.83 116.03 112.99 116.29 0.001531 4.06 315.77 64.43 0.32 RIVER-1 Reach-2 80.94 Bridge RIVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1271.82 108.67 115.87 116.06 0.001287 3.81 632.62 608.07 0.30 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.88 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1256.97 108.00 115.81 115.82 0.000599 2.88 221.72 327.24 0.21 RIVER-1 Reach-2 77.6566* Max WS 1236.68 107.40 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.83 0.000559 2.88 121.72 327.24 0.21 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.74 115.81 0.000559 2.84 121.74 327.82 115.80 122.82 1	RIVER-1	Reach-2	82	Max WS	1283.26	109.00	117.35		117.36	0.000150	1.34	2241.45	1252.04	0.10
REVER-1 Reach-2 81.33 Max WS 1261.69 108.96 115.99 116.43 0.006480 5.31 240.94 70.66 0.51 REVER-1 Reach-2 80.94 Max WS 1271.52 108.67 115.96 116.29 0.001531 4.06 315.77 64.43 0.53 RIVER-1 Reach-2 80.38 Max WS 1271.52 108.67 115.96 116.29 0.00158 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 77.384.99 Max WS 1271.52 108.63 108.33 115.97 115.98 116.09 0.00158 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 77.384.99 Max WS 1271.52 108.63 108.33 115.97 115.98 115.99 115.82 0.00158 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 77.656.99 Max WS 1271.57 107.80 115.81 115.90 0.00158 1.81 115.90 0.00158 1.81 RIVER-1 Reach-2 77.656.99 Max WS 1257.57 107.80 115.81 115.93 0.00059 1.88 633.62.72 36.00.74 RIVER-1 Reach-2 77.656.99 Max WS 1257.57 107.80 115.79 115.82 0.00059 2.72 1146.42 911.78 0.00 RIVER-1 Reach-2 76.19 Max WS 1246.65 107.40 115.74 115.74 115.78 0.00059 2.77 1146.42 911.78 0.00 RIVER-1 Reach-2 775.456 Max WS 127.65 107.40 115.74 115.74 115.78 0.00059 2.77 1146.42 911.78 0.00 RIVER-1 Reach-2 775.46 Max WS 127.65 107.40 115.74 115.74 115.78 0.00107 3.84 511.66 438.83 0.28 RIVER-1 Reach-2 775.40 Max WS 124.99 106.63 115.58 115.58 115.60 0.00059 2.77 1146.42 911.78 0.00 RIVER-1 Reach-2 775.40 Max WS 124.99 106.63 115.58 115.58 0.000059 2.77 1146.42 911.78 0.00 RIVER-1 Reach-2 775.40 Max WS 124.99 107.86 115.58 0.0000120 3.60 0.00120 3.60 0.00 120 0.00 0.00 RIVER-1 Reach-2 774.79 Max WS 124.99 107.86 115.57 115.58 0.000100 3.00 0.00 0.00 0.00 0.00 0.00	RIVER-1	Reach-2	81.56	Max WS	1283.25	108.22	117.27	113.19	117.38	0.000940	2.71	679.47	1347.02	0.21
REVER-1 Reach-2 80.035 Max WB 1281.09 108.83 116.03 112.99 116.29 0.000033 4.06 335.77 64.43 0.332 RIVER-1 Reach-2 80.34 Max WB 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849 Max WB 1266.58 108.33 115.87 116.06 0.00127 3.81 632.67 668.07 0.30 RIVER-1 Reach-2 77.3849 Max WB 1265.78 108.33 115.87 116.06 0.001287 3.81 632.67 668.07 0.30 RIVER-1 Reach-2 77.3849 Max WB 1265.78 108.33 115.87 116.06 0.000287 3.81 632.67 668.07 0.30 RIVER-1 Reach-2 77.3849 Max WB 1265.78 107.80 115.81 115.83 0.000307 2.48 134.74 426.53 0.14 RIVER-1 Reach-2 77.366 Max WB 1253.78 107.80 115.74 115.81 0.000307 2.49 1479.44 426.53 0.15 RIVER-1 Reach-2 76.9233 Max WB 1265.27 107.40 115.74 115.81 0.000307 2.49 1479.46 276.53 0.15 RIVER-1 Reach-2 77.566 Max WB 1275.82 107.22 107.22 115.74 115.81 0.000307 2.49 1479.46 276.53 0.15 RIVER-1 Reach-2 77.566 Max WB 1275.82 107.22 107.22 115.74 115.81 0.000307 2.49 1479.46 276.53 0.28 RIVER-1 Reach-2 77.566 Max WB 1275.82 107.22 107.22 115.74 115.81 0.000559 2.72 1146.42 2911.78 0.20 RIVER-1 Reach-2 77.566 Max WB 1275.82 107.22 107.22 115.60 115.74 115.81 0.000559 2.72 1146.42 2911.78 0.20 RIVER-1 Reach-2 77.566 Max WB 1275.83 106.63 115.58 115.60 0.000307 2.49 1479.46 276.58 0.28 RIVER-1 Reach-2 77.566 Max WB 1275.83 106.63 115.58 115.60 0.000307 2.49 1479	RIVER-1	Reach-2	81.55	May MC	Bridge		115 00		116 12	0.006480	E 21	240.04	70 66	0.51
REVER-1 Reach-2 80.38 Max WS 1271.82 108.67 115.96 116.23 0.001658 4.13 308.00 65.93 0.34 RIVER-1 Reach-2 79.3849* Max WS 1266.58 108.33 115.87 116.66 0.001287 3.81 632.67 608.07 0.30 1.34 RIVER-1 Reach-2 79.3849* Max WS 1256.597 108.00 115.81 116.88 0.000599 3.81 632.67 608.07 0.30 1.34 RIVER-1 Reach-2 76.9233* Max WS 1256.597 108.00 115.81 115.82 0.000599 2.04 1479.46 785.94 0.14 RIVER-1 Reach-2 76.9233* Max WS 1233.78 107.60 115.79 115.79 115.82 0.000307 1.00 1479.46 785.94 0.15 RIVER-1 Reach-2 76.19 Max WS 1246.65 107.40 115.74 115.81 0.000559 2.72 114.64 2911.78 0.10 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.57 112.17 115.76 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.86 Max WS 1234.65 107.40 115.74 115.75 107.00 115.79 115.76 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.86 Max WS 1244.65 107.40 115.74 115.76 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.86 Max WS 1244.77 107.00 115.60 115.57 112.17 115.76 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 77.40 Max WS 1244.77 107.00 115.60 115.60 0.00143 2.00 1164.02 826.68 0.17 RIVER-1 Reach-2 77.4 Max WS 1244.77 107.00 115.60 115.61 0.00023 1.25 199.77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.77 107.00 115.58 115.58 10.00161 3.00 0.0023 1.15 1.99 77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1244.79 107.00 115.58 115.58 10.00161 3.00 0.0023 1.15 1.99 77 1250.67 0.12 RIVER-1 Reach-2 77.4 Max WS 1241.79 107.00 115.58 115.58 115.59 0.000162 1.17 2667.90 1312.49 0.10 RIVER-1 Reach-2 77.4 Max WS 1241.79 107.00 115.58 115.58 115.59 0.000162 1.17 2667.90 1312.49 0.10 RIVER-1 Reach-2 77.4 Max WS 1241.79 107.00 115.50 115.58 115.59 0.000163 3.00 773.80 446.73 0.94 RIVER-1 Reach-2 77.4 Max WS 1241.79 107.00 115.50 115.58 115.59 0.000163 3.00 773.80 446.73 0.94 RIVER-1 Reach-2 78.6 Max WS 1275.37 107.44 115.45 115.58 0.000161 3.00 0.0023 1.17 2266.90 1312.49 0.10 RIVER-1 Reach-2 66 Max WS 1275.37 107.44 115.45 115.58 115.59 0.000163 3.00 773.80 446.73 0.94 RIVER-1 Reach-2 66 Max WS 1275.37 107.44 115.45 115.45 115.45 115.45 0.000168 3.5	RIVER-1	Reach-2	80.95	Max WS Max WS	1281.09	108.83	116.03	112.99	116.29	0.000480	4.06	315.77	64.43	0.31
RIVER-1 Reach-2 80.38	RIVER-1	Reach-2	80.94		Bridge									
REACH-1 78.3899 MAX WS 1253.78 100.30 115.81 115.83 0.0002699 3.88 021.92 037.94 0.21 RIVER-1 Reach-2 77.5566* MAX WS 1253.78 107.60 115.81 115.83 0.0002699 1.80 1394.64 785.94 0.21 RIVER-1 Reach-2 76.9233* MAX WS 1253.78 107.60 115.79 115.82 0.000307 2.04 1479.46 785.94 0.15 RIVER-1 Reach-2 76.933* MAX WS 1246.65 107.40 115.74 115.87 0.000207 2.04 1479.46 785.94 0.15 RIVER-1 Reach-2 75.36 MAX WS 1246.65 107.40 115.75 115.77 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.36 MAX WS 1246.65 107.40 115.57 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 73.47* MAX WS 1241.53 106.82 115.60 115.60 0.00044 2.02 1164.02 876.68 0.17 RIVER-1 Reach-2 74 MAX WS 1241.53 106.82 115.60 115.61 0.000244 2.02 1164.02 876.68 0.17 RIVER-1 Reach-2 73. MAX WS 1241.75 107.43 115.58 115.59 0.000152 1.17 12267.90 1312.49 0.10 RIVER-1 Reach-2 73. MAX WS 1241.75 107.43 115.58 115.59 0.000152 1.17 12267.90 1312.49 0.10 RIVER-1 Reach-2 77. MAX WS 1241.75 107.40 115.58 115.58 115.59 0.000152 1.17 12267.90 1312.49 0.10 RIVER-1 Reach-2 77. MAX WS 1241.75 107.40 115.53 115.58 115.59 0.000152 1.17 12267.90 1312.49 0.10 RIVER-1 Reach-2 77. MAX WS 1241.75 107.40 115.53 115.53 115.54 115.55 0.000161 1.13 272.67.90 1312.49 0.10 RIVER-1 Reach-2 77. MAX WS 1241.75 107.44 115.53 115.53 115.54 115.55 0.000161 1.13 272.67.90 1312.49 0.10 RIVER-1 Reach-2 78. MAX WS 1241.75 107.44 115.35 115.35 115.35 0.000161 1.13 272.67.90 1312.49 0.10 RIVER-1 Reach-2 79. MAX WS 1241.75 107.44 115.35 115.35 115.35 0.000161 1.13 272.67.90 1312.49 0.10 RIVER-1 Reach-2 66 MAX WS 1375.39 107.60 115.53 115.53 115.35 0.000161 1.13 272.67.90 1312.49 0.10 RIVER-1 Reach-2 66 MAX WS 1375.39 107.40 114.45 115.35 0.000168 3.51 449.35 99.15 0.24 RIVER-1 Reach-2 66 MAX WS 1375.38 107.60 114.45 115.35 0.000168 3.51 449.35 99.15 0.24 RIVER-1 Reach-2 66 MAX WS 1375.38 107.60 114.45 115.35 115.35 0.000168 3.51 449.35 99.15 0.24 RIVER-1 Reach-2 66 MAX WS 1375.38 107.60 114.45 115.35 115.45 115.45 115.45 115.45 115.45 115.45 115.45 115.45 115.45 115.45 115.45 115	RIVER-1	Reach-2	80.38	Max WS	1271.82	108.67	115.96		116.23	0.001658	4.13	308.00	65.93	0.34
RIVER-1 Reach-2 77.6566* Max WS 1257.57 107.80 115.81 115.83 0.0000262 1.90 1394.64 556.58 0.14 RIVER-1 Reach-2 76.9233* Max WS 1253.78 107.60 115.79 115.82 0.000307 2.04 1479.46 556.58 0.14 RIVER-1 Reach-2 76.19 Max WS 1246.65 107.40 115.74 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.86 Max WS 1237.82 107.22 115.77 112.17 115.78 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.85 Bridge RIVER-1 Reach-2 75.95 Bridge RIVER-1 Reach-2 75.95 Bridge RIVER-1 Reach-2 75.95 Bridge RIVER-1 Reach	RIVER-1	Reach-2	79.3849* 78.30	Max WS	1256.38	108.33	115.87		115.00	0.001287	3.81	032.02 821 72	327 24	0.30
RIVER-1 Reach-2 76.19 Max WS 1245.78 107.60 115.79 115.82 0.000307 2.04 1479.46 785.94 0.15 RIVER-1 Reach-2 75.86 Max WS 1246.65 107.40 115.74 115.81 0.000559 2.77 1146.42 911.78 0.20 RIVER-1 Reach-2 75.86 Max WS 1242.29 106.65 17.40 115.74 115.81 0.000559 2.77 1146.42 911.78 0.20 RIVER-1 Reach-2 75.86 Max WS 1242.29 106.63 115.58 115.76 0.001107 3.84 511.86 438.83 0.28 RIVER-1 Reach-2 75.74 Max WS 1242.29 106.63 115.60 115.65 0.000454 1.02 1164.02 386.68 0.17 RIVER-1 Reach-2 77.77 Max WS 1241.51 106.80 115.60 115.65 0.000454 1.02 1164.02 386.68 0.17 RIVER-1 Reach-2 77.78 Max WS 1244.17 107.03 115.80 115.60 115.65 0.000454 1.02 1164.02 386.68 0.17 RIVER-1 Reach-2 77.18 Max WS 1244.17 107.08 115.60 11	RTVER-1	Reach-2	77.6566*	Max WS	1257.57	107.80	115.81		115.83	0.000355	1.90	1394.64	556.58	0.14
RIVER-1 Reach-2 75.86 MAX WS 1237.82 107.40 115.71 115.78 0.0001507 2.72 1146.42 991.78 0.20 RIVER-1 Reach-2 75.85 MAX WS 1237.82 107.22 115.57 112.17 115.78 0.0015107 3.84 511.866 438.83 0.28 RIVER-1 Reach-2 77.85 MAX WS 1243.53 106.63 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 74.7* MAX WS 1243.53 106.82 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 74.7* MAX WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 73.* MAX WS 1244.17 107.00 115.60 115.65 0.000152 1.17 2267.90 1312.49 0.10 RIVER-1 Reach-2 77.* MAX WS 1244.17 107.00 115.60 115.65 0.000152 1.17 2267.90 1312.49 0.10 RIVER-1 Reach-2 77.* MAX WS 1241.99 107.86 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 77.* MAX WS 1257.37 107.44 115.45 115.58 0.000110 3.09 723.30 4466.73 0.24 RIVER-1 Reach-2 71.* MAX WS 1575.37 107.03 115.35 115.47 0.000866 2.86 533.09 723.30 4466.73 0.24 RIVER-1 REACh-2 68 MAX WS 1575.36 107.03 115.35 115.47 0.000868 3.31 449.35 89.15 0.28 RIVER-1 REACh-2 66 MAX WS 1575.36 107.48 115.63 115.64 0.00284 3.91 460.61 134.89 0.31 RIVER-1 REACh-2 66 MAX WS 1575.38 107.40 114.83 115.04 0.002668 3.31 449.35 89.15 0.28 RIVER-1 REACh-2 66 MAX WS 1575.38 107.40 114.83 115.04 0.002668 3.31 449.35 89.15 0.28 RIVER-1 REACh-2 66.4 MAX WS 1575.38 107.40 114.83 115.04 0.002684 3.91 460.61 134.89 0.31 RIVER-1 REACh-2 66.4 MAX WS 1575.27 107.00 114.83 115.04 0.002669 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 66.4 MAX WS 1575.27 107.00 114.83 115.04 0.002669 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 67 MAX WS 1575.27 106.81 114.07 114.62 0.002669 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 66.4 MAX WS 1575.27 107.00 114.38 115.04 0.002669 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 66.4 MAX WS 1575.27 107.00 114.38 115.00 0.001609 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 66.4 MAX WS 1575.27 107.00 114.38 114.09 0.001609 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 67.4 MAX WS 1587.23 106.24 113.56 0.000609 3.74 469.42 172.70 0.32 RIVER-1 REACh-2 67.4 MAX WS 1587.23 106.24 113.50 0.0	RIVER-1	Reach-2	76.9233*	Max WS	1253.78	107.60	115.79		115.82	0.000307	2.04	1479.46	785.94	0.15
RIVER-1 Reach-2 73.85 Max WS 123.22 115.57 112.17 115.76 0.00110/ 5.64 311.60 455.65 0.28 RIVER-1 Reach-2 74.47 Max WS 1242.75 106.63 115.60 115.65 0.000120 3.60 504.12 399.31 0.29 1164.02 826.68 0.17 RIVER-1 Reach-2 74 Max WS 1243.75 106.82 115.60 115.65 0.000233 1.25 1949.77 1250.67 0.17 RIVER-1 Reach-2 73.* Max WS 1242.76 107.43 115.58 115.60 115.61 0.000233 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 72 Max WS 1242.76 107.43 115.58 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.10 RIVER-1 Reach-2 72 Max WS 1242.76 107.43 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.10 RIVER-1 Reach-2 70 Max WS 1375.37 107.44 115.45 115.58 0.000116 1.13 2572.67 1373.69 0.00 RIVER-1 Reach-2 70 Max WS 1375.37 107.44 115.45 115.58 0.000116 1.13 2572.67 1373.69 0.00 RIVER-1 Reach-2 68.* Max WS 1575.37 107.03 115.35 115.47 0.000961 2.86 533.09 102.32 0.24 RIVER-1 Reach-2 68.* Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 68.* Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 68.* Max WS 1575.35 107.60 114.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 66.* Max WS 1575.35 107.60 114.38 115.24 0.00158 3.13 405.61 115.80 0.34 RIVER-1 Reach-2 66.* Max WS 1575.37 107.04 114.38 114.82 0.00158 3.13 405.61 115.80 0.34 RIVER-1 Reach-2 66.* Max WS 1575.27 107.00 114.38 114.82 0.00158 3.13 405.61 115.80 0.34 RIVER-1 Reach-2 66.* Max WS 1575.27 107.00 114.38 114.82 0.00158 3.54 495.93 94.18 0.24 RIVER-1 Reach-2 63.* Max WS 1575.77 107.00 114.37 114.99 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 63.* Max WS 1575.77 107.00 114.37 114.99 0.00159 3.54 496.42 1772.70 0.32 RIVER-1 Reach-2 63.* Max WS 1587.27 106.61 113.47 113.99 0.00154 3.25 519.18 20.43 0.33 RIVER-1 Reach-2 63.* Max WS 1587.27 106.61 113.47 113.99 0.00153 3.59 496.40 0.29 77.45 114.81 114.07 114.60 0.00163 3.57 715.49 395.41 0.33 RIVER-1 Reach-2 66.* Max WS 1587.23 106.24 113.66 113.47 113.99 0.00153 3.59 775.49 395.41 0.38 0.26 RIVER-1 Reach-2 56. Max WS 1560.60 105.60 113.47 113.40 0.00	RIVER-1	Reach-2	76.19	Max WS	1246.65	107.40	115.74	112 17	115.81	0.000559	2.72	1146.42	911.78	0.20
NIVER-1 Reach-2 775.40 Max WS 1242.39 106.63 115.58 115.60 .001210 3.60 504.12 399.31 0.29 RIVER-1 Reach-2 74.7* Max WS 1243.53 106.82 115.60 115.65 0.000454 2.02 1164.02 399.31 0.29 RIVER-1 Reach-2 74. Max WS 1244.17 107.00 115.60 115.65 0.000454 2.02 1164.02 826.68 0.12 RIVER-1 Reach-2 73.* Max WS 1244.17 107.00 115.68 115.59 0.000152 1.27 2267.90 1312.49 0.10 RIVER-1 Reach-2 77. Max WS 1241.99 107.86 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 77. Max WS 1241.99 107.86 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 77. Max WS 1575.37 107.44 115.45 115.45 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 69.* Max WS 1575.37 107.03 115.35 115.47 0.000961 2.86 553.09 102.32 0.21 RIVER-1 Reach-2 68 Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 67 Max WS 1575.33 107.40 114.83 115.22 0.001658 3.11 449.35 89.15 0.28 RIVER-1 Reach-2 66.* Max WS 1575.33 107.40 114.83 115.04 0.00288 3.91 440.61 134.89 0.34 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.82 0.002589 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.82 0.002589 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.82 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.82 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.28 107.06 62 114.37 114.82 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.80 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.39 107.40 114.57 114.80 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.39 107.40 114.37 114.80 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.28 106.62 114.39 114.40 0.0002697 3.55 114.40 114.50 0.002589 3.54 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1584.26 106.43 113.77 113.93 0.001534 3.55 191.8 205.43 0.33 RIVER-1 Reach-2 59.* Max WS 1584.26 106.64 113.39 113.50 0.001593 3.54 486.64 0.25 19.75 0.33 RIVER-1 Reach-2 59.* Ma	RIVER-I	Reach-2	/5.86 75.85	max ws	1237.82 Bridge		115.57	112.17	113.78	0.001107			430.03	0.20
RIVER-1 Reach-2 74,7** Max WS 1243.53 106.82 115.60 115.65 0.000454 2.02 1164.02 826.68 0.17 RIVER-1 Reach-2 74 Max WS 1244.17 107.00 115.61 0.000223 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 77.* Max WS 1242.76 107.43 115.58 115.59 0.000152 1.17 2267.90 1312.49 0.10 RIVER-1 Reach-2 77.* Max WS 1241.99 107.86 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 70 Max WS 1575.37 107.44 115.45 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 70 Max WS 1575.37 107.03 115.35 115.47 0.000961 2.86 553.09 102.32 0.21 RIVER-1 Reach-2 69.* Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 66.* Max WS 1575.33 107.40 114.83 115.04 0.00284 3.91 466.61 134.89 0.31 RIVER-1 Reach-2 66.* Max WS 1575.33 107.40 114.83 115.04 0.00284 3.91 466.61 134.89 0.31 RIVER-1 Reach-2 66.* Max WS 1575.38 107.40 114.57 114.82 0.002563 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 106.68 114.07 114.26 0.001703 3.49 466.40 129.75 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 60 Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 65.* Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 65.* Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 65.* Max WS 1581.27 106.68 114.07 114.26 0.001703 3.49 466.40 8219.75 0.33 RIVER-1 Reach-2 65.* Max WS 1581.27 106.60 113.91 114.09 0.001747 3.40 88.48 193.62 0.33 RIVER-1 Reach-2 55.* Max WS 1581.27 106.60 113.91 113.91 0.001534 3.25 519.18 205.40 0.33 RIVER-1 Reach-2 55.* Max WS 1602.19 107.05 113.91 113.40 0.000689 2.29 40.88 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.49 113.40 0.000682 2.2	RIVER-1	Reach-2	75.40	Max WS	1242.29	106.63	115.58		115.76	0.001210	3.60	504.12	399.31	0.29
RIVER-1 Reach-2 73.* Max WS 1244.17 107.00 115.60 115.61 0.000223 1.25 1949.77 1250.67 0.12 RIVER-1 Reach-2 73.* Max WS 1241.79 107.86 115.57 115.58 0.000115 1.17 2267.90 1312.49 0.10 RIVER-1 Reach-2 71.* Max WS 1241.99 107.86 115.57 115.58 0.000116 1.13 2572.67 1373.69 0.09 RIVER-1 Reach-2 71.* Max WS 1375.37 107.44 115.45 115.58 0.00110 3.09 723.90 446.27 0.24 RIVER-1 Reach-2 69.* Max WS 1375.37 107.03 115.31 115.58 0.00110 3.09 723.90 440.23 0.24 RIVER-1 Reach-2 69.* Max WS 1375.37 107.33 115.21 115.47 0.000961 2.86 533.09 102.32 0.24 RIVER-1 Reach-2 66. Max WS 1375.33 107.40 114.83 115.24 0.001268 3.51 449.55 99.15 0.88 RIVER-1 Reach-2 66. Max WS 1375.33 107.40 114.83 115.24 0.000268 3.14 449.55 99.15 0.88 RIVER-1 Reach-2 66. Max WS 1375.33 107.40 114.83 115.24 0.000268 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 66. Max WS 1375.30 107.40 114.83 115.24 0.000268 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 66. Max WS 1375.28 107.20 114.83 115.24 0.000269 3.74 469.42 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.27 107.00 114.22 114.49 0.001269 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.22 114.42 0.001269 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 62.* Max WS 1575.27 107.00 114.22 114.42 0.001269 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 60.* Max WS 1581.27 106.81 114.07 114.26 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.61 113.90 0.001540 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 59.* Max WS 1581.27 106.60 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 59.* Max WS 1581.27 106.60 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 57.2 Max WS 1597.95 105.90 113.56 113.69 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.9 Max WS 1602.19 107.05 113.42 110.88 113.56 0.000540 2.57 980.98 466.19 3.02 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000525 2.74 81.00 830.95 1.74 469.42 1.72 81.00 830.95 1.74 469.42 1.72 81.00 830.95 1.74 81.00 830.95 1.74 81.00 830.95 1.74 81.00 830.95 1.74 81.00 830.95 1.74 81.00 830.95 1.74 81.	RTVFR-1	Reach-2	74.7*	Max WS	1243.53	106.82	115.60		115.65	0.000454	2.02	1164.02	826.68	0.17
RIVER-1 Reach-2 73. Max WS 1241.99 107.85 115.57 1.0000116 1.13 2577.27 1373.69 0.09 RIVER-1 Reach-2 77. Max WS 1575.37 107.04 115.55 1.15.58 0.001010 3.09 723.90 446.73 0.24 115.14 115.15 1.15.15 1	RIVER-1	Reach-2	74 73 *	Max WS	1244.17	107.00	115.60		115.61	0.000223	1.25	1949.//	1250.67	0.12
RIVER-1 Reach-2 71.* Max WS 1575.37 107.44 115.45 115.58 0.001010 3.09 723.90 446.73 0.24 RIVER-1 Reach-2 70 Max WS 1575.37 107.03 115.35 115.47 0.000961 2.86 553.09 102.32 0.21 RIVER-1 Reach-2 69.* Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 68 Max WS 1575.36 107.68 115.03 115.22 0.001658 3.51 449.35 89.15 0.28 RIVER-1 Reach-2 66 Max WS 1575.33 107.40 114.83 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 65.* Max WS 1575.33 107.40 114.83 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 115.04 0.002863 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.27 107.00 114.22 114.42 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 64.* Max WS 1575.27 107.00 114.22 114.42 0.00189 3.54 456.55 183.33 0.32 RIVER-1 Reach-2 62.* Max WS 1578.27 106.81 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.62 113.91 114.09 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 60.* Max WS 1581.27 106.62 113.91 114.09 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 60.* Max WS 1581.27 106.62 113.91 114.09 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 59.* Max WS 1581.27 106.62 113.91 114.09 0.001703 2.94 683.19 353.25 0.26 RIVER-1 Reach-2 57.2 Max WS 1592.56 106.07 113.56 113.90 0.001203 2.94 586.72 226.20 0.38 RIVER-1 Reach-2 57.2 Max WS 1592.56 106.07 113.56 113.90 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 56. Max WS 1592.56 106.07 113.56 113.90 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 56.9 Max WS 1602.99 107.05 113.42 110.88 113.56 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 56.9 Max WS 1602.99 107.05 113.35 113.80 0.000202 2.07 1083.54 578.3 0.19 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.80 0.000202 2.07 1083.54 578.83 0.20 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.26 113.90 0.000689 2.20 970.26 322.07 0.01 RIVER-1 Reach-2 56.9 Max WS 1604.00 105.60 113.04 113.09 0.000689 2.	RIVER-I	Reach-2	73." 72	Max WS Max WS	1242.76	107.45	115.57		115.58	0.000132	1.13	2572.67	1373.69	0.09
RIVER-1 Reach-2 70 Max WS 1575.37 107.03 115.35 115.47 0.000961 2.86 553.09 102.32 0.21 RIVER-1 Reach-2 69 Max WS 1575.39 107.35 115.21 115.36 0.001286 3.18 495.93 94.18 0.24 RIVER-1 Reach-2 67 Max WS 1575.36 107.68 115.03 115.22 0.001658 3.51 449.35 89.15 0.28 RIVER-1 Reach-2 66 Max WS 1575.33 107.40 114.83 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 66 Max WS 1575.30 107.40 114.57 114.82 0.002563 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.18 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.12 114.42 0.001595 3.54 456.55 183.33 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.20 114.40 0.001747 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 62.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 66.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60 Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60 Max WS 1587.23 106.24 113.66 113.80 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1597.95 105.90 113.55 113.69 0.0010747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 57.19 Max WS 1597.95 105.90 113.42 110.88 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.001203 2.94 583.19 353.25 0.26 RIVER-1 Reach-2 56.9 Max WS 1608.64 105.90 113.42 110.88 113.50 0.001203 2.94 583.19 353.25 0.26 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.42 110.88 113.50 0.000540 2.27 4810.08 380.95 0.22 RIVER-1 Reach-2 56 Max WS 1608.64 1	KTAFK-T	Reach-2	71.*	Max WS	1575.37	107.44	115.45		115.58	0.001010	3.09	723.90	446.73	0.24
RIVER-1 Reach-2 68 Max WS 1575.36 107.68 115.03 115.21 115.38 0.001268 3.16 493.93 94.16 0.28 RIVER-1 Reach-2 67 Max WS 1575.36 107.68 115.03 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 66 Max WS 1575.30 107.40 114.87 114.82 0.002563 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 115.04 0.002086 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.22 114.49 0.001369 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.22 114.42 0.001369 3.74 456.55 183.33 0.32 RIVER-1 Reach-2 63.* Max WS 1578.27 106.81 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60 Max WS 1584.26 106.43 113.77 113.93 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 60 Max WS 1587.23 106.24 113.66 113.80 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1587.23 106.24 113.66 113.69 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 59.* Max WS 1597.95 106.07 113.56 113.69 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1603.89 107.05 113.42 110.88 113.56 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 57.2 Max WS 1603.89 107.05 113.42 110.88 113.56 0.001029 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.42 110.88 113.56 0.001029 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1603.89 107.05 113.42 110.88 113.50 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.0 Max WS 1603.89 107.05 113.42 110.88 113.20 0.000540 2.50 97.07 66.322.07 0.2	RIVER-1	Reach-2	70	Max WS	1575.37	107.03	115.35		115.47	0.000961	2.86	553.09	102.32	0.21
RIVER-1 Reach-2 66 Max WS 1575.33 107.40 114.83 115.04 0.002084 3.91 460.61 134.89 0.31 RIVER-1 Reach-2 66 Max WS 1575.33 107.40 114.57 114.82 0.002563 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 66.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 64 Max WS 1575.27 107.00 114.22 114.42 0.001595 3.54 456.55 183.33 0.32 RIVER-1 Reach-2 63.* Max WS 1578.27 106.81 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 62.* Max WS 1578.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.62 113.91 114.09 0.001547 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60.* Max WS 1581.27 106.62 113.91 114.09 0.001547 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60.* Max WS 1581.27 106.62 113.91 114.09 0.001547 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60.* Max WS 1587.23 106.24 113.66 113.80 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 59.* Max WS 1597.95 105.90 113.55 113.60 0.001027 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 57.2 Max WS 1502.19 107.05 113.52 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.56 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.35 113.50 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1603.89 107.05 113.35 113.50 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1603.60 105.80 113.29 113.40 0.000697 2.74 810.08 380.99 0.22 RIVER-1 Reach-2 55.* Max WS 1603.60 105.60 113.04 113.09 0.000582 2.30 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1603.60 105.60 113.04 113.09 0.000689 2.20 970.26 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1604.60 105.60 113.04 113.09 0	RIVER-1	Reach-2	69.* 68	Max WS	15/5.39	107.35	115.21		115.30	0.001286	3.10	493.93	89.15	0.24
RIVER-1 Reach-2 66 Max WS 1575.30 107.40 114.57 114.82 0.002563 4.22 425.44 133.06 0.34 RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 469.42 172.70 0.32 RIVER-1 Reach-2 64 Max WS 1575.27 107.00 114.22 114.42 0.001595 3.54 456.55 183.33 0.32 RIVER-1 Reach-2 63.* Max WS 1578.27 106.61 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 62.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1584.26 106.43 113.97 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60 Max WS 1584.26 106.43 113.77 113.93 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 59.* Max WS 1592.56 106.07 113.56 113.60 0.001037 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 58 Max WS 1592.56 106.07 113.56 113.69 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001029 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 56.9 Max WS 1608.64 105.90 113.29 113.40 0.000507 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 56.9 Max WS 1608.64 105.90 113.29 113.40 0.000507 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.29 113.40 0.000507 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.29 113.40 0.000507 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1617.53 105.80 113.22 113.80 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 577.83 0.19 RIVER-1 Reach-2 52 Max WS 1617.53 105.80 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 52 Max WS 1617.53 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 52 Max WS 1617.53 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1617.53 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1617.50 105.60 113.04 113.09 0.000689 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 50.* Max WS 1617.50 105.60 113.04 113.09 0.00068	RIVER-1	Reach-2	67	Max WS	1575.33	107.40	114.83		115.04	0.002084	3.91	460.61	134.89	0.31
RIVER-1 Reach-2 65.* Max WS 1575.28 107.20 114.38 114.59 0.001869 3.74 499.42 172.70 0.32 RIVER-1 Reach-2 63.* Max WS 1575.27 107.00 114.22 114.42 0.001195 3.54 456.55 183.33 0.32 RIVER-1 Reach-2 63.* Max WS 1578.27 106.81 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 66.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60 Max WS 1587.23 106.24 113.66 113.93 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 59.* Max WS 1587.23 106.24 113.66 113.80 0.001027 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1597.95 105.90 113.56 113.60 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.56 0.00129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1615.55 105.85 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 53.* Max WS 1615.55 105.85 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 53.* Max WS 1615.55 105.85 113.26 113.30 0.00052 2.07 105.85 105.85 113.29 RIVER-1 Reach-2 53.* Max WS 1617.55 105.80 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 53.* Max WS 1617.55 105.85 113.26 113.30 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1629.27 105.70 113.14 113.20 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1641.00 105.60 113.04 113.00 0.000582 2.07 97.07 469.38 0.20 RIVER-1 Reach-2 50.* Max WS 1646.67 105.57 112.96 113.04 0.000689 2.20 97.07 469.38 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1646.67 105.57 112.96 113.04 0.000685 3.28 89.955 279.26 0.24 RIVER-1 Reach-2 48 Max WS 1658.08 105.50	DT\/CD_1	Reach-2	66	Max WS	1575.30	107.40	114.57		114.82	0.002563	4.22	425.44	133.06	0.34
RIVER-1 Reach-2 63.* Max WS 1578.27 106.681 114.07 114.26 0.001703 3.49 466.40 219.75 0.33 RIVER-1 Reach-2 62.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 60.* Max WS 1587.23 106.24 113.66 113.80 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 59.* Max WS 1587.23 106.24 113.66 113.80 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1592.56 106.07 113.56 113.60 0.000127 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 57.2 Max WS 1597.95 105.90 113.52 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.19 RIVER-1 Reach-2 57.19 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 55.* Max WS 1629.27 105.70 113.14 113.20 0.000583 2.20 970.26 822.07 0.18 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.00 0.000689 2.20 970.26 822.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.00 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 51.* Max WS 1652.47 105.54 112.86 112.75 112.84 0.000985 3.28 895.55 279.26 0.26 RIVER-1 Reach-2 48 Max WS 1653.68 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1653.76 105.57 112.66 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 48 Max WS 1653.76 105.57 112.66 105.57 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1653.76 105.57 112.66 105.57 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1653.76 105.57 112.66 105.57 112.64 0.000985 3.28 809.55 279.26 0.26	RIVER-1	Reach-2	65.*	Max WS	1575.28	107.20	114.38		114.59	0.001869	3.74	469.42 456.55	1/2./0	0.32 0.32
RIVER-1 Reach-2 62.* Max WS 1581.27 106.62 113.91 114.09 0.001747 3.40 484.88 193.62 0.33 RIVER-1 Reach-2 61.* Max WS 1584.26 106.43 113.77 113.93 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 60 Max WS 1587.23 106.44 113.66 113.80 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1592.56 106.07 113.56 113.69 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 58. Max WS 1592.56 106.07 113.56 113.69 0.0000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.52 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 Bridge RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 55.* Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1617.53 105.85 113.26 113.30 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1617.53 105.85 113.26 113.30 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 51.* Max WS 1619.07 105.60 113.14 113.20 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 55.* Max WS 1610.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 55.* Max WS 1619.77 105.70 113.14 113.20 0.000525 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 51.* Max WS 1629.27 105.70 113.14 113.04 113.02 0.000525 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 50.* Max WS 1640.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000082 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1653.08 105.50 112.75 112.86 112.94 0.000085 3.28 89.55 279.26 0.24 RIVER-1 Reach-2 49.* Max WS 1653.67 105.67 112.66 112.55 112.64 0.000095 3.28 89.55 279.26 0.26 RIVER-1 Reach-2 49.* Max WS 1653.67 105.67 112.63 112.65 112.64 0.000095 3.28 89.55 279.26 0.26 RIVER-1 Reach-2 49.* Max WS 1653.76 105.67 112.55 112.64 0.000095 3.10 880.55 314.61 0.25	RIVER-1	Reach-2	63.*	Max WS Max WS	1578.27	106.81	114.22		114.26	0.001703	3.49	466.40	219.75	0.33
RIVER-1 Reach-2 61.* Max WS 1584.26 106.43 113.77 113.93 0.001534 3.25 519.18 205.43 0.31 RIVER-1 Reach-2 60 Max WS 1587.23 106.24 113.66 113.80 0.001203 2.94 586.72 226.20 0.28 RIVER-1 Reach-2 59.* Max WS 1592.56 106.07 113.56 113.69 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 58 Max WS 1597.95 105.90 113.52 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 7715.49 395.41 0.30 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 54 Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.18 RIVER-1 Reach-2 51.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1645.07 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 49.* Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	62.*	Max WS	1581.27	106.62	113.91		114.09	0.001747	3.40	484.88	193.62	0.33
RIVER-1 Reach-2 59.* Max WS 1597.95 105.90 113.56 113.60 0.001027 2.94 653.19 353.25 0.26 RIVER-1 Reach-2 58 Max WS 1597.95 105.90 113.52 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 Bridge RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 54 Max WS 1613.05 105.85 113.26 113.38 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 49.* Max WS 1658.08 105.57 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.66 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.66 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 1	RIVER-1	Reach-2	61.*	Max WS	1584.26	106.43	113.77		113.93	0.001534	3.25	519.18	205.43	0.31
RIVER-1 Reach-2 58 Max WS 1597.95 105.90 113.52 113.60 0.000540 2.57 980.98 466.19 0.20 RIVER-1 Reach-2 57.2 Max WS 1602.19 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RIVER-1 Reach-2 57.19 Bridge RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 54 Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.29 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.14 113.20 0.000589 2.20 970.26 322.07 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 49.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	60 50 *	Max WS	1587.23	106.24	113.66 113.56		113.80	0.001203	2.94	500.72 653 19	220.20 353 25	0.26
RTVER-1 Reach-2 57.19 Bridge RTVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.42 110.88 113.56 0.001129 3.35 774.51 412.81 0.28 RTVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RTVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RTVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RTVER-1 Reach-2 54 Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.20 RTVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.24 113.28 0.000522 2.07 1083.54 557.83 0.19 RTVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RTVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RTVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RTVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RTVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RTVER-1 Reach-2 49.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RTVER-1	Reach-2	58	Max WS	1597.95	105.90	113.52		113.60	0.000540	2.57	980.98	466.19	0.20
RIVER-1 Reach-2 56.9 Max WS 1603.89 107.05 113.35 113.51 0.001343 3.57 715.49 395.41 0.30 RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000582 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1668.76 105.47 112.63 112.74 0.000985 3.28 809.55 779.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	57.2	Max WS	1602.19	107.05	113.42	110.88	113.56	0.001129	3.35	774.51	412.81	0.28
RIVER-1 Reach-2 56 Max WS 1608.64 105.90 113.29 113.40 0.000697 2.74 810.08 380.95 0.22 RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 53.* Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 50.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000982 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	57.19	Man. 1.15	Bridge	107.05	112 25		112 [1	0.001242	2 57	715 40	305 /1	0.30
RIVER-1 Reach-2 55.* Max WS 1613.05 105.85 113.26 113.33 0.000582 2.32 957.07 469.38 0.20 RIVER-1 Reach-2 54 Max WS 1613.05 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000982 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000985 3.28 809.55 279.26 0.26	KIVER-1	Reach-2	56.9 56	Max WS	1603.69	107.03	113.33		113.31	0.001343	2.74	810.08	380.95	0.22
RIVER-1 Reach-2 54 Max WS 1617.53 105.80 113.22 113.28 0.000522 2.07 1083.54 557.83 0.19 RIVER-1 Reach-2 53.* Max WS 1629.27 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 49.* Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	55.*	Max WS	1613.05	105.85	113.26		113.33	0.000582	2.32	957.07	469.38	0.20
RIVER-1 Reach-2 53.* Max WS 1629.2/ 105.70 113.14 113.20 0.000555 2.16 1028.87 393.00 0.18 RIVER-1 Reach-2 52 Max WS 1641.00 105.60 113.04 113.09 0.000689 2.20 970.26 322.07 0.17 RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	54	Max WS	1617.53	105.80	113.22		113.28	0.000522	2.07	1083.54	557.83	0.19
RIVER-1 Reach-2 51.* Max WS 1646.67 105.57 112.96 113.02 0.000823 2.47 915.88 310.78 0.20 RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	53.*	max ws	1629.27	105.70	113.14 113.04		113.20 113.00	0.000555	2.16	1028.87 970.26	393.00 322.07	0.18
RIVER-1 Reach-2 50.* Max WS 1652.47 105.54 112.86 112.93 0.000938 2.72 870.06 299.51 0.23 RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25		Reach-2	51.*	Max WS	1646.67	105.57	112.96		113.02	0.000823	2.47	915.88	310.78	0.20
RIVER-1 Reach-2 49.* Max WS 1658.08 105.50 112.75 112.84 0.001005 2.98 834.55 288.97 0.24 RIVER-1 Reach-2 48 Max WS 1663.76 105.47 112.63 112.74 0.000985 3.28 809.55 279.26 0.26 RIVER-1 Reach-2 47.* Max WS 1669.53 105.68 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RIVER-1	Reach-2	50.*	Max WS	1652.47	105.54	112.86		112.93	0.000938	2.72		299.51	0.23
RIVER-1 Reach-2 48 Max WS 1665.76 105.47 112.55 112.64 0.000945 3.10 880.58 314.61 0.25	RTVFR-1	Reach-2	49.*	Max WS	1658.08	105.50	112.75		112.84	0.001005	2.98	834.55	288.97	0.24
		Reach-2	48 47 *		1669.53	105.47	112.03		112.64	0.000945	3.10	880.58	314.61	0.25

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RIVER-1	Reach-2	46.*	Max WS	1675.18	105.88	112.47	i eek.i ep	112.54	0.000826	2.86	973.54	349.57	0.24
RIVER-1	Reach-2	45.*	Max WS	1680.81	106.08	112.41		112.46	0.000660	2.59	1092.98	383.64	0.24
RIVER-1	Reach-2	44	Max WS	1686.54	106.29	112.36		112.40	0.000490	2.33	1241.45	424.54	0.19
RIVER-1	Reach-2	43.*	Max WS	1691.88	106.30	112.30		112.35	0.000517	2.43	1186.40	419.55	0.19
RIVER-1	Reach-2	42.*	Max WS	1697.10	106.31	112.24		112.30	0.000546	2.51	1138.53	414.73	0.19
RIVER-1	Reach-2	41.*	Max WS	1702.32	106.32	112.18		112.25	0.000577	2.58	1097.20	409.77	0.20
RIVER-1	Reach-2	40	Max WS	1707.63	106.33	112.12		112.19	0.000606	2.63	1063.15	404.95	0.20 0.21
RIVER-1	Reach-2	39.*	Max WS	1707.51	106.17	112.08		112.13	0.000494	2.39	1192.68	439.68	0.21
RIVER-1	Reach-2	38.*	Max WS	1707.50	106.01	112.05		112.13	0.000494	2.39	1373.50	475.89	0.19 0.16
RIVER-1	Reach-2	37.*	Max WS Max WS	1707.47	105.84	112.02		112.05	0.000373	1.78	1575.50		0.10
RIVER-1	Reach-2	36	Max WS Max WS	1707.45	105.68	111.99		112.03		2.03	1452.92	502.62	0.14
RIVER-1	Reach-2	35.22	Max WS Max WS	1707.43	104.52	111.70		112.05	0.000341 0.002013		359.79	513.70	0.16
RIVER-1	Reach-2	34.82	Max WS Max WS	1707.43	104.52	111.60	108.76	111.97	0.002013	4.75 4.84	352.81	72.64 72.09	0.38 0.39
RIVER-1	Reach-2	34.81	Max WS	Bridge	104.32	111.00	100.70	111.97	0.002127	4.04	332.01	72.09	0.39
RIVER-1	Reach-2	34.34	Max WS	1707.33	104.30	110.98		111.68	0.006004	6.74	253.19	68.38	0.62
RIVER-1	Reach-2	33.67*	Max WS	1707.14	104.12	110.93		111.37	0.003284	5.32	320.61	79.10	0.62 0.47
RIVER-1	Reach-2	33.07	Max WS	1707.14	103.93	111.02		111.17	0.001065	3.38	815.91	588.57	0.47
RIVER-1	Reach-2	32.*	Max WS	1707.21	103.40	110.92		111.05	0.001060	3.11	853.86	670.51	0.27 0.27
RIVER-1	Reach-2	31.*	Max WS	1707.20	102.88	110.77		110.91	0.001472	3.18	806.90	743.96	0.30
RIVER-1	Reach-2	30	Max WS	1707.20	102.35	110.44		110.51	0.003780	3.10	627.12	1036.21	0.46
RIVER-1	Reach-2	29.*	Max WS	1707.13 1707.10	102.34	110.08		110.67 110.33	0.003760	3.99 4.25	631.10	951.33	0.47
RIVER-1	Reach-2	28.*	Max WS	1706.95	102.33	109.76		109.98	0.003585	4.26	712.16	896.99	0.46
RIVER-1	Reach-2	27.*	Max WS	1706.83	102.33	109.54		109.69	0.002609	3.87	910.82	964.55	0.40
RIVER-1	Reach-2	26	Max WS	1706.70	102.32	109.40		109.47	0.001571	3.20	1226.93	1064.64	0.31
RIVER-1	Reach-2	25.*	Max WS	1706.59	101.99	109.25		109.34	0.002108	3.53	1136.66	1146.75	0.35
RIVER-1	Reach-2	24.*	Max WS	1706.40	101.66	109.06		109.18	0.002784	3.82	1031.24	1229.49	0.40
RIVER-1	Reach-2	24.* 23.*	Max WS	1706.18	101.33	108.88		108.97 108.79	0.002415	3.35	1091.63	1070.35	0.40 0.37 0.32
RIVER-1	Reach-2	22	Max WS	1706.10	101.00	108.74		108.79	0.001870	2.79	1239.81	1119.17	0.32
RIVER-1	Reach-2	21.*	Max WS	1705.95	101.27	108.58		108.63	0.001985	2.91	1202.68	1106.71	0.33
RIVER-1	Reach-2	20.*	Max WS	1705.64	101.54	108.41 108.21		108.47	0.002111	3.02	1164.47	1047.38	0.33 0.34 0.36
RIVER-1	Reach-2	19.*	Max WS	1705.47	101.82	108.21		108.27	0.002340	3.15	1129.34	985.12	0.36
RIVER-1	Reach-2	18	Max WS	1704.99	102.09	108.02		108.08	0.002622	3.34	1105.40	972.89	0.37
RIVER-1	Reach-2	17.*	Max WS	1704.54	101.97	107.83		107.88	0.002294	3.09	1264.45	1227.59	0.35
RIVER-1	Reach-2	16.*	Max WS	1703.88	101.85	107.68		107.71	0.001442	2.53	1478.76	1233.67 1238.56	0.28 0.21
RIVER-1	Reach-2	15.*	Max WS	1703.58	101.73	107.60		107.62	0.000839	1.96	1767.89	1238.56	0.21
RIVER-1	Reach-2	14	Max WS	1703.16	101.61	107.55		107.56	0.000497	1.45	2099.21	1246.14	0.16
RIVER-1	Reach-2	13.*	Max WS	1703.04	101.43	107.51		107.52	0.000407	1.24	2240.24	1252.52	0.15 0.13 0.12
RIVER-1	Reach-2	12.*	Max WS	1703.01	101.26	107.49		107.49	0.000327	1.20	2384.84	1244.06	0.13
RIVER-1	Reach-2	11.*	Max WS	1702.90	101.08	107.46		107.47	0.000264	1.15	2536.73	1233.65	0.12
RIVER-1	Reach-2	10	Max WS	1702.97 1702.79 1702.72	100.90	107.45		107.45	0.000218	1.08	2681.31	1218.62	0.11
RIVER-1	Reach-2	9.*	Max WS	1702.79	100.75	107.42 107.37		107.43	0.000369	1.41	2252.30	1199.23	$\begin{array}{c} 0.14 \\ 0.18 \end{array}$
RIVER-1	Reach-2	8.*	Max WS	1702.72	100.60	107.37		107.39	0.000562	1.86	1877.18	1269.01	0.18
RIVER-1	Reach-2	7.*	Max WS	1702.65	100.45	107.29		107.32	0.000883	2.48	1596.43	1258.82	0.23 0.32 0.31
RIVER-1	Reach-2	6	Max WS	1702.58	100.30	107.15		107.23	0.001653	3.53	1321.52	1349.04	0.32
RIVER-1	Reach-2	5.*	Max WS	1702.42	100.15	107.00		107.08	0.001588	3.53	1361.77	1474.35	0.31
RIVER-1	Reach-2	4.*	Max WS	1702.34	100.00	106.86		106.94	0.001450	3.42	1438.60	1589.35	0.30 0.30
RIVER-1	Reach-2	3.*	Max WS	1702.12 1702.03	99.85	106.74		106.81	0.001372	3.37	1667.16	2171.95 2289.00	0.30
RIVER-1	Reach-2	<u> </u>	Max WS	1702.03	99.70	106.65		106.69	0.000808	2.62	2080.42	2289.00 2250.10	0.23 0.29
RIVER-1	Reach-2	1.*	Max WS	1702.01	99.55	106.55	105 04	106.62 106.52	0.001284 0.001683	3.38 3.91	1679.96 1317.01	1975.30	0.29
RIVER-1	Reach-2	U	Max WS	1701.97	99.40	106.40	105.84	TO0.25	0.001003	3.9T	TOT, 'AT	19/0.00	0.33

Appendix P-9: HEC-RAS Results, Anatolia III – Alternative 'B' Model, 10-Year, 24-Hour Storm

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HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	Х	XXXXXX	XX	ХХ		XX	xx	Х	X	XXXX
Х	Х	X	Х	Х		Х	Х	Х	Х	X
Х	Х	X	Х			Х	Х	X	Х	X
XXX	XXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	Х	Х	Х
Х	Х	X	Х	X		Х	Х	X	Х	X
Х	X	XXXXXX	XX	XX		Х	X	X	Х	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/14/2010 8:08:45 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-	Reach-1 Reach-1	11900 11850.* 11800 11750.* 11700 11650.* 11600 11550.* 11500.* 11400 11350.* 11400 11350.* 11100 11050.* 11100 10887.5* 10775.* 10662.5* 10775.* 10662.5* 10775.*	MAX WS MAX WS	301.37 300.51 301.37 301.35 299.66 300.50 301.33 299.64 299.63 298.82 299.61 298.02 298.79 298.77 298.76 298.71 298.79 298.71 298.79 298.79 298.79 298.79 298.79 298.79 298.79	(ft) 158.00 157.71 157.42 156.96 156.96 156.50 156.25 156.00 155.00 154.11 154.00 154.00 154.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00	(ft) 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20		(ft) 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.21 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20	(ft/ft) 0.000026 0.000026 0.000026 0.000011 0.000011 0.000011 0.000011 0.000010 0.000010 0.000007 0.000006 0.000005 0.000002 0.000002 0.000002 0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	(ft/s) 0.29 0.28 0.19 0.20 0.19 0.21 0.21 0.21 0.21 0.18 0.18 0.18 0.11 0.10 0.10 0.006 0.05 0.06 0.05 0.04 0.04 0.04 0.04 0.04			0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	10050 10000.* 9950	Max WS Max WS Max WS	298.36 297.85 298.33	150.00 150.00 150.00	162.20 162.20 162.20		162.20 162.20 162.20	0.00000 0.00000 0.00000	0.05 0.05 0.04	6573.53 6844.25	793.30 812.42	0.00 0.00

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RIVER-2	Reach-1	9900.*	Max WS	297.85	150.00 150.00	162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20		162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20 162.20	0.000000	0.04 0.04	7486.40 8089.57 7876.82	1036.24 1197.48	0.00 0.00
RIVER-2	Reach-1	9850 9800.*	Max WS Max WS	298.28	150.00	162.20		162.20		0.04	8089.57 7876.82	1197.48 1384.26 1453.12 1492.50 1531.69 1675.81 1726.57 1759.31 1774.57 1702.71 1607.28 1430.46 1247.14 1123.82	0.00
RIVER-2 RIVER-2	Reach-1	9750	Max WS	298.23	150.00	162.20		162.20	0.000000	0.04	8169.43	1453 12	0.00
RIVER-2	Reach-1	9750 9675.* 9600 9550.*	Max WS Max WS	297.77	150.00 149.36 148.73 148.36	162.20		162.20	0.000000	0.03 0.03	8864.04	1492.50	0.00 0.00 0.00
RIVER-2	Reach-1	9600		298.15	148.73	162.20		162.20	0.000000	0.03	9645.95	1531.69	0.00
RIVER-2	Reach-1	9550.*	Max WS	298.09	148.36	162.20		162.20	0.000000	0.03 0.02	11899.26	1675.81	0.00
RIVER-2	Reach-1	9500. 9450.* 9400 9350.*	Max WS	298.04	148.00	162.20		162.20	0.000000	0.02	8169.43 8864.04 9645.95 11899.26 14326.19 15323.84 16659.54 16108.71	1/26.5/	0.00 0.00 0.00
RIVER-2 RIVER-2	Reach-1	9450."	Max WS	297.72	147.00	162.20		162.20	0.000000	0.02 0.02	16650 54	1739.31	0.00
RTVER-2	Reach-1	9350.*	Max WS	297.94	145.51	162.20		162.20	0.000000	0.02	16108.71	1702.71	0.00
RIVER-2 RIVER-2	Reach-1	9300 9200.* 9100 9050.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	297.87	148.30 147.00 146.00 145.51 145.02 144.51	162.20		162.20	0.000000	0.02 0.02 0.02 0.02 0.02 0.02	15439.88 14420.58 13353.10	1607.28	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9200.*	Max WS	297.66	144.51	162.20		162.20	0.000000	0.02	14420.58	1430.46	0.00
RIVER-2	Reach-1	9100	Max WS	297.62	144.00	162.20		162.20	0.000000	0.02	13353.10	1247.14	0.00
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9050.*	Max WS Max WS Max WS	297.60	144.00 144.00	162.20		162.20	0.000000 0.000000 0.000000 0.000000 0.000000	0.02	12949.43	1123.82	0.00
RIVER-2 RIVER-2	Reach-1	9000 8900.*	Max WS	297.39 297.63	143.08	162.20		162.20	0.000000 0.000000 0.000000 0.000000	0.02 0.02 0.02	12623.58 12981.61	1020.43 993.79 949.08 979.42	0.00
RTVFR-2	Reach-1	8800	Max WS	297.60	142.16	162.20		162.20	0.000000	0.02	13199.78	949.08	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	8700.*	Max WS Max WS	297.58	143.70 145.24	162.20		162.20	0.000000	0.02	13199.78 12412.93	979.42	0.00
RIVER-2	Reach-1	8600 8500	Max WS	_ 297.56	145.24	162.20	145.79	162.20	0.000000	0.03	11886.80	987.68	0.00
RIVER-2	Reach-1	8500		Inl Struct	140 50	152 20		152 40	. 0 003330	2 72	100 24	20.04	0.25
RIVER-2 RIVER-2	Reach-1	8450	Max WS Max WS	297.54	140.56	152.38		152.49	0.003336 0.004223 0.004244 0.004292 0.004358 0.004434 0.004521 0.004685 0.004873 0.004955 0.005036	2.72 2.87	109. 34 104. 17 104. 35 104. 45 104. 49 104. 51 104. 57 104. 50 104. 39 104. 36 104. 36 104. 36 104. 37 103. 79 103. 12 102. 13 100. 22 96. 69 88. 37 101. 33 109. 03 94. 43 81. 60 108. 86 127. 86 132. 49 57. 54 104. 38	28.84 28.24 28.47	0.25 0.26 0.26
RTVFR-2	Reach-1	8350 8250.* 8150.* 8050.* 7950.* 7750.* 7650.* 7450.* 7350.* 7150.* 7050.* 6850.* 6850.* 6650.*	Max WS	300.20	140.09 139.60	151.58		151.71	0.004223	2.88	104.35	28.47	0.26
RIVER-2	Reach-1	8150.*	Max WS Max WS Max WS	301.53	139.10 139.11 138.62 138.13 137.64 137.15 136.66 136.17	151.16		151.29	0.004292	2 89	104.45	28.73	0.27
RTVFR-2	Reach-1	8050.*	Max WS	302.86	138.62	150.74		150.87	0.004358	2.90 2.91 2.92	104.49	28.73 29.01 29.31 29.71 30.56 31.87 32.03 32.09 32.08 31.95 31.78 31.50	0.27 0.27 0.27 0.27 0.29 0.29 0.29 0.29 0.29 0.30 0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1	7950.*	Max WS Max WS Max WS Max WS Max WS	304.19	138.13	150.30		150.43	0.004434	2.91	104.51	29.31	0.27
RIVER-2	Reach-1	/850.* 7750.*	Max WS	305.53	137.64	149.86		149.99	0.004521	2.92	104.57	29.71	0.27
RIVER-2	Reach-1	7/30." 7650 *	Max WS May WS	308.00	136.66	149.41		149.34	0.0048873	2.94	104.30	31.51	0.28
RIVER-2	Reach-1	7550.*	Max WS	309.54	136.17	148.45		148.59	0.004955	2.94 2.95 2.96 2.98	104.50	31.87	0.29
RIVER-2	Reach-1	7450.*	Max WS	310.89	135.68	147.96		148.10	0.005036	2.98	104.45	32.03	0.29
RIVER-2	Reach-1	7350.*	Max WS	312.23	135.19	147.46		147.60	0.005114	2.99	104.36	32.09	0.29
RIVER-2	Reach-1	7250.*	Max WS Max WS	313.58	135.68 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76 131.27 132.84 134.40 135.97 136.00 134.50 134.50	146.96		147.10	0.005169	3.00	104.36	32.08	0.29
RIVER-2	Reach-1	/150.*	Max WS	314.93 216 27	134.21	146.44		146.58	0.005261	3.03 3.05	104.07	31.95	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1	7030." 6950 *	Max WS	310.27	133.72	145.39		145.53	0.005343	3.08	103.73	31.50	0.30
RIVER-2	Reach-1	6850.*	Max WS	318.98	132.74	144.84		144.99	0.005688	3.12	102.13	31.10 30.57	0.30 0.31
RIVER-2	Reach-1	6750.*	Max WS	320.33	132.25	144.26		144.42	0.006049	3.20	100.22	30.57	0.31
RIVER-2	Reach-1	6650.*	Max WS	321.69	131.76	143.62		143.79	0.006770	3.33 3.67	96.69	29.81 28.42 30.36	0.33 0.37 0.38 0.34 0.38 0.30 0.28 0.30 0.69 0.42 0.30 0.29 0.29
RIVER-2 RIVER-2	Reach-1	6550 6466.66* 6383.33* 6300 6250	Max WS	323.05	131.27	142.80		143.01	0.008999	3.67	88.U3	20.42 30.36	0.37
RIVER-2 RIVER-2	Reach-1	6383 33*	Max WS	324.10	134.64	142.09		142.30	0.005123	3.21	101.33	36.46	0.34
RTVFR-2	Reach-1	6300	Max WS	326.45	135.97	141.26		141.40	0.003080	2.99 3.46	109.03	31.46	0.28
RIVER-2 RIVER-2 RIVER-2	Reach-1	6250	Max WS	327.14	136.00	141.02		141.21	0.004489	3.46	94.43	28.81	0.34
RIVER-2	Reach-1	6200	Max WS	327.83	135.00	140.70		140.95	0.005945	4.02	81.60	23.24	0.38
RIVER-2	Reach-1	6000.*	Max WS	330.57	134.50	139.85		140.00	0.003658	3.04	108.86	35.10 47.41	0.30
RIVER-2	Reach-1	6200 6000.* 5800.* 5600.*	Max WS	333.31	134.00	139.22		139.32	0.003149	2.61	132 49	58 50	0.20
RIVER-2 RIVER-2	Reach-1	5400."	Max WS Max WS	338.80	133 00	135.83		136.37	0.003713	2.61 2.54 5.89 3.26	57.54	25.23	0.69
RIVER-2	Reach-1	5304.54*	Max WS	340.11	132.73 132.45 132.18 131.91	134.86		135.03	0.007771	3.26	104.38	56.29	0.42
RTVFR-2	Reach-1	5209.09*	Max WS	341.43	132.45	134.34		134.43	0.005241	2.43	140.66	88.51	0.34
RIVER-2 RIVER-2 RIVER-2	Reach-1	5113.63*	Max WS Max WS Max WS Max WS Max WS	342.75	132.18	133.92		133.98	0.004360	2.03	168.77	121.23	0.30
RIVER-2	Reach-1	5018.18*	Max WS	344.07	131.91 131.64	133.55		133.60	0.004051	1.81	190.47	134.39	0.29
RIVER-2 RIVER-2	Reach 1	4922.72*	Max WS	345.38 346.60	131.04	133.22		133.20	0.003922	1.66 1.56	222.91	218.57	0.27
RIVER-2	Reach-1	4731 81*	Max WS	348.01	131.36 131.09 130.82	132.60		132.64	0.003918	1.48 1.43 1.39 1.27	235.39	252.25	0.27
RTVFR-2	Reach-1	4636.36*	Max WS	349.31	130.82	132.31		132.34	0.004203	1.43	244.41	290.55	0.27
RIVER-2	Reach-1	4540.90*	Max WS	350.63	130.55	132.01		132.04	0.004508	1.39	253.14	332.59	0.28
RTVFR-2	Reach-1 Reach-1	5600.* 5400.5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45* 4350	Max WS Max WS Max WS	351.93	130.55 130.27 130.00 129.57 129.14 128.71 128.29	131.74		131.77	0.005114 0.005169 0.005261 0.005349 0.005488 0.006049 0.006770 0.008999 0.008123 0.005339 0.003080 0.004489 0.005945 0.003658 0.003149 0.007771 0.005241 0.007771 0.005241 0.004360 0.004060 0.004060 0.004060 0.004360	1.2/	104.38 140.66 168.77 190.47 207.82 222.91 235.39 244.41 253.14 276.83 186.04	31.46 28.81 23.24 35.10 47.41 58.50 25.23 56.29 88.51 121.23 154.59 186.74 218.57 252.25 290.55 332.59 401.14 422.65	0.28 0.27 0.50 0.45 0.45 0.45 0.39
RIVER-2 RIVER-2 RIVER-2	Reach-1	435U 4395 71*	Max WS	353.24 354.06	130.00 120.57	131.19		131.24	0.017367	1.90 1.74 1.77 1.78	202.55	A32 35	0.45
KIVEK-7	Reach-1	4203.71° 4221.42*	Max WS Max WS Max WS	354.86	129.14	130.73		130.76	0.013190	1.77	200.41	407.72 406.18 420.13 451.63	0.45
RIVER-2	Reach-1	4157.14*	Max WS	355.67	128.71	129.92		129.97	0.013426	1.78	199.33	406.18	0.45
RIVER-2	Reach-1	4092.85*	Max WS	356.47	128.29	129.63		129.67	0.010068	1 6/	220.58	420.13	0.39
RIVER-2	Reach-1	4028.57*	Max WS	357.27	127.00	129.45		129.48	0.005731	1.33	269.22	451.63 479.52	0.30 0.26
RIVER-2	Reach-1	4350 4285.71* 4221.42* 4157.14* 4092.85* 4028.57* 3964.28* 3900	Max WS Max WS	297.85 298.28 298.28 297.82 298.15 298.04 297.72 297.94 297.66 297.62 297.63 297.63 297.63 297.63 297.56 297.53 302.86 304.153 301.53 302.86 304.153 305.53 306.21 307.54 298.87 300.29 301.53 302.86 304.19 305.53 306.21 307.54 308.21 309.54 310.89 312.23 313.58 314.93 312.23 313.58 314.93 325.32 326.45 327.14 327.31 328.87 338.87 338.98 349.11 341.43 342.75 344.07 345.38 346.69 348.01 349.31 350.63 351.63	127.43 127.00	152.38 151.99 151.58 151.16 150.74 150.30 149.86 149.81 148.94 147.96 147.96 146.96 146.96 146.96 146.92 145.92 145.92 144.80 142.80 142.80 142.80 141.26 143.85 133.85 134.84 133.92 133.85 134.84 133.92 133.92 133.93 134.34 133.92 133.93 134.34 133.92 133.93 134.94 135.83 136.91 137.91 138.71 139.85 131.74 131.79 132.90 132.90 132.90 132.91 130.31 129.96 129.45 129.45 129.45 129.45		152.49 152.12 151.71 151.29 150.87 150.87 150.43 149.99 149.07 148.59 148.59 144.42 143.79 144.42 143.79 144.42 143.79 144.42 143.79 144.42 143.79 144.43 141.21 140.00 139.32 138.65 136.37 135.03 134.43 133.98 133.98 133.96 132.94 132.94 132.34 132.04 131.24 130.78 130.78 129.97 129.67 129.48 129.32 129.48 129.32 129.48	0.005731 0.003977 0.003574	1.33 1.16 1.12 1.24	202.55 200.41 199.33 220.58 269.22 308.08 321.29 290.96	490.02	0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	3900 3800.*	Max WS Max WS	338.87 360.30	127.00	128.86		128.88	0.003374	1.24	290.96	482.29	0.28
VTACK-7	Keacii-T	3000.	May M2	300.30	120.70	120.00		220.00	3.00.000			· · · · · · ·	

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DT1/CD 3	D	3700.*	Mass MC	361.73	126.40	KiteCr 128.58	eek.rep	120 61	0.004833	1.27	284.57	448.33	0.20
RIVER-2 RIVER-2	Reach-1	3600.*	Max WS Max WS	363.14	126 10	128 31		128.01	0.004833 0.004459	1.29	281.01	406.53	0.28 0.27 0.27
RIVER-2	Reach-1 Reach-1	3500.*	Max WS	364.56	125.80	128.04		128.06	0.004263	1.30	279.74	406.58 386.37	0.27
RTVFR-2	Reach-1	3600.* 3500.* 3400.*	Max WS	365.97	125.80 125.50	127.77		127.79	0.004263 0.004136	1.31	278.45	371.20	0.27
RIVER-2	Reach-1	3300.* 3200.*	Max WS	367.38	125.20	127.50		127.52	0.004055	1.32	277.91 277.97	361.89 353.97	0.27
RIVER-2 RIVER-2 RIVER-2	Reach-1	3200.*	Max WS	368.78	124.90	127.23		127.26	0.004055 0.003965 0.003866 0.003635	1.33	277.97	353.97	0.26
RIVER-2	Reach-1	3100.* 3000.*	Max WS	370.17	124.60 124.30	126.97		126.99	0.003866	1.32	280.77	354.10 360.33	0.26
RIVER-2	Reach-1	3000.*	Max WS	3/1.5/	124.30	126.72		126.74	0.003635	1.29 1.21	288.66	300.33	0.25
RIVER-2	Reach-1	2900 2812 5*	Max WS	372.90 374 12	124.00	126.49		126.31	0.003202	1.15	325.53	363.00 444 21	0.24
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2725.*	Max WS Max WS Max WS Max WS Max WS	375.29	123.03	126.02		126.04	0.004106	1 19	316.27	385.06 444.21 488.73	0.26
RIVER-2	Reach-1	2637.5*	Max WS	376.44	122.55	125.68		125.71	0.005979	1.33 1.39 1.31	282.54	486.43	0.31
RIVER-2	Reach-1	2550.*	Max WS	377.58	122.07	125.39		125.42	0.006676	1.39	272.56	480.64	0.32
KTAFK-5	Reach-1	3000.* 2900 2812.5* 2725.* 2637.5* 2550.* 2462.5* 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800	Max WS	378.71	124.30 124.00 123.52 123.03 122.55 122.07 121.58 121.10	128.31 128.04 127.77 127.50 127.23 126.97 126.49 126.29 126.02 125.68 125.39 125.15 124.88 124.59 124.35 124.13 123.86 123.59 123.41 123.41 123.25		125.17	0.005099	1.31	308.61 325.53 316.27 282.54 272.56 289.61 295.98 289.21 307.57 340.15 343.36 342.54 389.87	488.73 486.64 454.78 417.62 451.33 512.59 527.17 532.11 535.05 550.36	0.29
RIVER-2	Reach-1	23/3 2270 16*	Max WS	3/9.80 201 11	121.10	124.00		124.90	0.004261	1.28 1.32	293.98	417.02 451 22	0.27
RIVER-2 RIVER-2 RIVER-2	Reach-1	2183.33*	Max WS Max WS	382.35	121.07	124.35		124.01	0.003133	1.24	307.57	512.59	0.28
RIVER-2	Reach-1	2087.5*	Max WS	383.59	121.00	124.13		124.15	0.003724	1.13	340.15	527.17	0.25
RIVER-2	Reach-1	1991.66*	Max WS Max WS Max WS Max WS	384.83	121.03 121.00 120.97 120.93 120.90	123.86		123.88	0.003677	1.24 1.13 1.12 1.13 0.99	343.36	532.11	0.25
RIVER-2 RIVER-2	Reach-1	1895.83*	Max WS	386.06	120.93	123.59		123.61	0.003758	1.13	342.54	535.05	0.25
RIVER-2	Reach-1	1800	Max WS	387.29	120.90	123.41		123.42	0.002551	0.99	389.87	550.36	0.21
KIVER-Z	Reach-1	1610 *	Max WS Max WS	300.32 200.72	120.43	123.23		123.20	0.002323	0.99 1.03	370 22		0.20
RIVER-2 RIVER-2 RIVER-2	Reach-1	1515 *	Max WS	399.73	119.95 119.47	122.78		122.80	0.002433	1.13	346.98	493.84 474.45 455.49	0.23
RIVER-2	Reach-1	1420	Max WS	392.16	119.00	122.49		122.51	0.003822	1.13 1.25	318.38	455.49	0.26
	Reach-1	1324.61*	Max WS	392.15	118.62	122.16		122.18	0.003202 0.003263 0.004106 0.005979 0.006676 0.005099 0.004261 0.005135 0.004986 0.003724 0.003677 0.00378 0.002551 0.002325 0.002453 0.003142 0.003822 0.003785	1.24	393.65 379.23 346.98 318.38 320.39	460.19 462.73	0.26 0.25 0.24 0.26 0.31 0.29 0.29 0.28 0.25 0.25 0.25 0.25 0.25 0.25
RIVER-2	Reach-1	1229.23*	Max WS	392.13	118.23	121.83		121.85	0.004064 0.004143 0.004092	1.26	314.89	462.73	0.26
RIVER-2	Reach-1	1133.84*	Max WS	392.11	117.85	121.52 121.10		121.55 121.21	0.004143	1.27 1.35	313.34 300.99	459.45 468.53	0.27
RIVER-2	Reach-1	943 076*	Max WS May WS	392.09	117.40	120.83		120.86	0.004032	1 44	285.96	419.77	0.28
RTVFR-2	Reach-1	847.692*	Max WS	392.05	116.69	120.48		120.52	0.003983	1.50	277.23	357.64	0.27
RIVER-2	Reach-1	752.307*	Max WS Max WS Max WS Max WS Max WS	392.02	117.85 117.46 117.08 116.69 116.31	120.10		120.14	0.004193	1.50 1.62	258.24	309.94	0.28
RIVER-2	Reach-1	656.923*	Max WS	392.01	115.92	119.73		119.77	0.004618	1.72	285.96 277.23 258.24 242.95 237.23	419.77 357.64 309.94 281.85 256.06	0.30
RIVER-Z RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	1705.* 1610.* 1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384*	Max WS Max WS Max WS Max WS	364.56 365.97 367.38 368.78 370.17 371.57 372.96 374.12 375.29 376.44 377.58 381.11 379.86 381.35 383.59 384.83 386.06 387.29 388.52 388.52 389.95 392.16 392.10 392.05 392.05 392.05 392.05	115.92 115.54 115.15 114.77 114.38 114.00 169.00 168.75 168.50 168.25 168.00 167.51	123.04 122.78 122.49 122.16 121.83 121.52 121.18 120.83 120.48 120.10 119.73 119.40 119.10 118.82 118.54 118.13 170.32 170.10 169.84 169.55 169.29 169.01 168.72		119.45	0.004377 0.003983 0.004193 0.004618 0.004459 0.004004 0.003361 0.003365 0.005165 0.005472 0.006516 0.005267 0.007271 0.005346 0.00336	1.77 1.78	237.23	256.06	0.27 0.28 0.30 0.30 0.28 0.27 0.27 0.46 0.43 0.45 0.45 0.45 0.55 0.48 0.28 0.28 0.28 0.28 0.29 0.28
RIVER-2	Reach-1	400.155"	Max WS	392.00 301 05	110.10	119.10		119.13	0.004004	1.78	235.99 233 64	232.21 206.17 152.77 98.75 111.31 123.61 134.06 141.56 177.25 127.18 66.96 66.19 70.05	0.20
RIVER-2	Reach-1	275.384*	Max WS	391.55	114.38	118.54		118.60	0.003361	1.90	233.64 214.97 159.18 44.04 49.33	152.77	0.27
RIVER-2	Reach-1	180	May MS	309.30	114.00	118.13		118.19	0.003355	1.94	159.18	98.75	0.27
RIVER-1	Reach-1	326	Max WS	79.09	169.00	170.32		170.41	0.005165	2.45	44.04	111.31	0.46
RIVER-1	Reach-1	325.5*	Max WS	78.92	168.75	170.10		170.17	0.004548	2.31	49.33	123.61	0.43
RIVER-2 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	326 325.5* 325.* 324.5*	Max WS Max WS Max WS Max WS Max WS	87.93	168.50	169.84		169.92	0.005472	2.50 2.67	49.33 53.08 52.66 65.13 38.83 35.68 42.30 53.78	134.06	0.47
RIVER-1	Peach-1	324.3"	Max WS	90.36	168.00	169.33		169.35	0.005267	2.41	65.13	177.25	0.46
RIVER-1	Reach-1	324 323.5*	Max WS	90.53	167.51	169.01		169.15	0.007271	2.41 3.11 2.88 2.46	38.83	127.18	0.55
RIVER-1	Reach-1	323.*	Max WS	87.36	107.02	168.72		168.84	0.005346	2.88	35.68	66.96	0.48
RIVER-1	Reach-1	322.5*	Max WS	86.71	166.53	168.56		168.64	0.003030	2.46	42.30	66.19	0.37
RIVER-1	Reach 1	322 321.*	Max WS Max WS	80.84 102.00	166.04	168.48 167.64	167.61	160.34 168.00	0 021107	2.06 5.41	33.76 10.40	26.06	0.20
RIVER-1 RIVER-1	Peach-1	321."	Max WS	103.00	166.00	167.38	107.01	167.43	0.005746	2.77	19.49 87.62 104.30 100.79	242 76	0.49
RIVER-1	Reach-1	320 319.*	Max WS	103.39	166.00	167.19		167.22	0.002016	1.35	104.30	348.96	0.28
PTVFP_1	Reach-1	318	Max WS	86.84 103.00 103.33 103.39 103.31	166.02 166.00 166.00 166.00	167.05		167.07	0.005746 0.002016 0.001760 0.006999	1.06	100.79	348.96 327.88 107.38 112.24	0.25
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	316	Max WS Max WS Max WS	104.43		166.17		166.23	0.006999	1.95	53.49	107.38	0.49
RIVER-1	Reach-1	315.5*	Max WS	105.38	164.75	165.83		165.89	0.006911	1.92 1.84	54.95 57.65	113.51	0.46
RIVER-I	Reach-1	315.* 314.5*	Max WS	100.33	164.25	165.27		165.32	0.006088 0.004259	1.70	67 06	106.84	0.39
RTVFR-1	Reach-1	314	Max WS	108.26	164.00	165.10		165.14	0.002541	1.63	73.06	221.21 206.93	0.32 0.42
RIVER-1	Reach-1	313.*	Max WS	109.34	163.00 164.75 164.50 164.25 164.00 163.50 163.00	164.77		164.84	0.004280	2.15	62.06	206.93	0.42
RIVER-1	Reach-1	312	Max WS	110.56	163.00	164.47		164.50	0.003260	1.84	111.95	339.87	0.36 0.60
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	311.*	Max WS Max WS	111.91	162.50	167.64 167.38 167.19 167.05 166.17 165.83 165.52 165.27 165.10 164.77 163.92		104.U3 163 51	0.004259 0.002541 0.004280 0.003260 0.009252 0.002437 0.009196 0.001186 0.006890 0.002899 0.001856 0.001856	3.00 1.84	73.06 62.06 111.95 60.75 106.37 37.83 115.84	339.87 198.40 220.74 48.21	0.00
RIVER-1 RIVER-1	Reach-1	310 309.*	Max WS Max WS	113.31 114.47	161.26	162.92		163.06	0.002437	3.02	37.83	48.21	0.60
RTVFR-1	Reach-1	308	Max WS	115.48	160.51	162.56		162.58	0.001186	1.35	115.84	15/.5/	0.23
RIVER-1	Reach-1	306	Max WS	116.70	162.00 161.26 160.51 159.00 159.00	161.86		161.99	0.006890	2.92	39.91 71.67	42.28	0.60 0.60 0.23 0.53 0.34 0.26
RIVER-1 RIVER-1	Reach-1	304	Max WS	117.81	159.00	161.07		161.12	0.002899	1.84	71.67	313.76	0.34
KTAFK-T	Reach-1	302	Max WS	119.66	158.50	160.76		160.80	0.00135/	1.96 2.23	107.29 95.03	146.81 166.47	0.26
RIVER-1	Reach-1	30T.*	Max WS	120.69	158.25 158.00	160.61		160.07 160.49	0.001030	2.23	93.03 91.87	215.49	0.35
RIVER-1 RIVER-1	Reach-1	301.* 300 299.*	Max WS Max WS	104.43 105.38 106.35 107.28 108.26 109.34 110.56 111.91 113.31 114.42 115.48 116.70 117.81 119.66 120.69 121.62 122.39	158.31	163.92 163.48 162.92 162.56 161.86 161.07 160.76 160.61 160.42 160.21		128.61 128.33 127.79 127.52 126.94 126.51 126.51 126.51 126.51 126.51 125.42 124.61 125.47 124.61 125.47 124.61 125.42 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.66 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.66 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.66 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.66 123.61 123.61 123.61 123.61 123.61 123.61 123.61 123.66 123.61 124.61 125.71 126.61 127.61 128.61 129.64 169.64 169.64 169.64 169.64 169.64 169.65 167.07 166.89 167.02 165.89 167.02 165.89 165.57 165.89 167.02 166.89 167.02	0.002523 0.003036	2.62	87.47	146.12	0.35 0.38
RIVER-1	Reach-1 Reach-1 Reach-1	298	Max WS	122.94	158.62	160.03		160.06	0.002536	2.27	106.95	147.81	0.34
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						KiteC	reek.rep						
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	297.* 296	Max WS Max WS	122.28 121.81	158.31 158.00	KiteC 159.82 159.72 159.64 159.53 159.45 159.39 159.26 159.02		159.85 159.73 159.66 159.55 159.46 159.40 159.34 159.11	0.002032 0.000436 0.001145 0.001031	1.92 0.90	119.77 251.51 148.72 148.65 165.27 161.31	212.50 379.21 339.59 247.02 174.41 127.46	0.31 0.14
RIVER-1	Reach-1	296 295.*	Max WS	120.58	158.01	159.64		159.66	0.001145	1.40	148.72	339.59	0.23
RIVER-1 RIVER-1	Reach-1 Reach-1	294 293.*	Max WS Max WS	125.68	158.01 157.51	159.53		159.55	0.001031	1.27 1.14	148.65 165.27	247.02	0.21 0.17
RIVER-1	Danub 1		Max WS	125.48	157.00	159.39		159.40	0.000638 0.000543	1.23	161.31	127.46	0.21 0.17 0.17
RTVFR-1	Reach-1	291.5	Max WS Max WS Max WS	125.44	157.00	159.26	150.01	159.34	0.002860	2.68	61.26 52.54	49.44 32.10	0.37
RIVER-1 RIVER-1	Reach-1	290.62 290.61	Max WS	125.44 Bridge	157.00	159.02	158.01	159.11	0.002201	2.39			0.33
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	291.5 290.62 290.61 289.32 288. 287.* 286 285.*	Max WS	125.20	157.00 156.00 156.00 156.00 155.50	158.36		158.59	0.008889	3.83 0.88 1.29 1.53 2.70 2.35 2.73	32.69 245.66 182.69 164.12 45.89 52.64	28.15 293.06 284.56 272.14 43.16 37.31	0.63 0.13
RIVER-1 RIVER-1	Reach-1	288 287 *	Max WS	123.80	156.00	157.88		157.88 157.83	0.000367	0.88	245.66 182.60	293.06	0.13 0.19
RIVER-1	Reach-1	286	Max WS Max WS	123.52	156.00	157.73		157.75	0.001093	1.53	164.12	272.14	0.23
RIVER-1		285.*	Max WS	123.66	155.50	157.52		157.63	0.004120	2.70	45.89	43.16	0.19 0.23 0.43 0.35 0.41
RIVER-1 RIVER-1	Reach-1	284 283.*	Max WS Max WS	123.82 124.11	155.00 154.75	157.23		157.31	0.002573	2.33	52.64 45.39	37.31	0.35
RIVER-1	Reach-1	282	Max WS	124.37	154.50	156.61		156.73	0.003416	5.07	60.64	81.92	0.41
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	283.* 283.* 282 281.5* 281.* 280.5*	Max WS	124.53 11 75	154.75 154.50 154.38 154.25 154.12 154.00	156.40 156.35		156.55 156.35	0.004104	3.27 0.28	50.78 53.11	80.82 81.41	0.45 0.04
RIVER-1	Reach-1	280.5*	Max WS	8.13	154.12	156.35		156.35	0.000009	0.1/	61.02	84.87	0.02
RIVER-1	Reach-1 Reach-1 Reach-1	280	Max WS	125.12	154.00	155.70		155.88	0.005320	3.40	36.84	25.39	0.50
RIVER-1 RIVER-1	Reach-1	2/9.5* 279.*	Max WS Max WS	125.29	153.62 153.25 152.88	155.30		155.46	0.004273	3.13 2.97 2.82	39.96 42.27	26.63 26.76 26.45	0.43
RIVER-1	Reach-1	278.5*	Max WS	125.66	152.88	155.17		155.29	0.002988	2.82	44.57	26.45	0.38
RIVER-1 RIVER-1	Reach-1	278 277 5*	Max WS	125.86	152.50	155.05		155.16	0.002475	2.67	47.09 46.07	26.85	0.45 0.42 0.38 0.35 0.40
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	277.*	Max WS Max WS	135.74	152.88 152.48 152.45 152.42 152.42 152.15 151.90	154.68		154.82	0.003203	2.95 3.00	45.39 60.64 50.78 53.11 61.02 36.84 39.98 42.27 44.57 47.09 46.07 45.58 44.05 43.76 60.58 74.20 85.10 95.60	29.42 33.74 37.07	0.43
RIVER-1	Reach-1	276.5*	Max WS	135.88	152.42	154.47		154.62	0.004441	3.13	44.05	37.07	0.46
RIVER-1 RIVER-1	Reach-1	276 275 5*	Max WS Max WS	136.01	152.40	154.22		154.40	0.003461	3.41 2.29	43.76 60.58	74.09	0.31
RIVER-1	Reach-1	275.*	Max WS	136.33	151.90	153.95		154.01	0.003094	2.29 1.84 1.60	74.20	73.98	0.32
RIVER-1 RIVER-1		274.5*	Max WS	136.49 136.63		153.83 153.70		153.87 153.73	0.002/04	1.60	85.10 92 19	88.14 101.00	0.29
RIVER-1	Reach-1 Reach-1	280 279.5* 279.* 278.5* 277.5* 277.5* 276.5* 275.5* 275.5* 274.5* 274.5* 273.5* 273.5* 271.* 270.269.*	MAX WS MAX WS	136.70	151.35 151.30 151.25 151.20	158.36 157.88 157.82 157.73 157.52 157.23 156.90 156.40 156.35 155.35 155.70 155.32 155.17 155.05 154.68 154.68 154.47 154.09 153.95 153.83 153.70 153.83		158.59 157.88 157.75 157.63 157.02 156.73 156.35 156.35 156.35 156.35 155.66 155.66 155.29 155.10 154.82 154.40 154.17 153.87 153.87 153.87 153.87 153.13 153.13 153.13 153.13	0.008889 0.000367 0.000770 0.001093 0.004120 0.002573 0.003616 0.003416 0.004104 0.000028 0.000099 0.005320 0.004274 0.002988 0.002475 0.003770 0.004441 0.003701 0.003701 0.003704 0.002704	1.43	95.60	57.07 60.44 74.09 73.98 88.14 101.00 108.58 125.09	0.43 0.46 0.51 0.38 0.32 0.29 0.27 0.27 0.26 0.22 0.17 0.26 0.41
RIVER-1	Reach-1	273.*	Max WS	136.75	151.30	153.44		153.47	0.002557	1.34 1.20	102.04	125.09	0.26
RIVER-1 RIVER-1	Reach-1	272.3"	Max WS Max WS	136.79	151.20	153.28		153.29	0.001071	0.99	117.02 151.66 100.30 57.39 60.75	167.71 220.00 114.87 54.10 52.90	0.17
RIVER-1	Reach-1	271.*	Max WS	136.92	150.85 150.50	153.10		153.13	0.002532	0.99 1.37 2.39	100.30	114.87	0.26
RIVER-1 RIVER-1	Reach-1	270 269.*	Max WS Max WS	137.02	150.30	152.62		152.71	0.004847	2.26	60.75	52.90	0.37
RIVER-1	Reach-1	268	Max WS	137.35	149.75	151.59		151.71	0.004620	2.70	50.80	32.08	0.38
RIVER-1 RIVER-1	Reach-1	269. * 268. * 267. 265 * 266. 53 266. 52 265. 05 262. * 261. 5 * 260. 5 * 269. * 259. * 258. * 256. * 259. * 258. * 256. * 250. * 248. *	Max WS	137.33 137.33	150.12 149.75 149.43 149.10	151.27 151.01	150.17	151.39 151.13	0.004620 0.004163 0.003178	2.81 2.77	50.80 48.91 49.49	31.69 31.85	0.40 0.39
RIVER-1	Reach-1	266.52		Bridge			130.17						
RIVER-1	Reach-1	265.05	MAX WS MAX WS	137.32	148.65 147.43 147.07 146.71 146.36 146.00 146.00	150.28		150.46 149.52	0.005672	3.39 1.58	40.46 109.86	29.76 157.80	0.51 0.25
RIVER-1 RIVER-1	Reach-1	262 261.5*	Max WS Max WS	137.20	147.43	149.28		149.36	0.002242	2.35		110.12	0.36
RIVER-1	Reach-1	261.*	Max WS	137.33	146.71	148.98		149.09	0.006452	2.57	54.42	52.79	0.43
RIVER-1 RIVER-1	Reach-1 Reach-1	260.5* 260	Max WS Max WS	137.47	146.36	148.37 148.28		148.34	0.009417	2.35 2.57 2.84 2.10	82.71	163.99	0.50 0.35 0.44
RIVER-1	Reach-1	259.*	Max WS	137.63	146.00	147.78		147.89	0.007014	2.59 1.73 2.74 3.63	54.42 54.42 48.64 82.71 55.15 103.50 84.61 51.27 86.84	110.12 52.79 50.91 163.99 67.84 172.64 175.37 84.83 144.79 264.27 63.17 268.14 99.49 142.91	0.44
RIVER-1 RIVER-1	Reach-1	258 256	Max WS	137.63 137.85	146.00 145.00	147.48 146.85		147.52 146.93	0.003011	1.73 2.74	103.50 84.61	1/2.64 175.37	0.39 0.39 0.61 0.35 0.30
RIVER-1	Reach-1 Reach-1 Reach-1	254	Max WS	145.65	144 00	145.49		145.65	0.013244	3.63	51.27	84.83	0.61
RIVER-1	Reach-1	252	Max WS	145.81	142.00 141.50 141.00	144.29		144.35	0.004088	, 41	86.84 106.28	144.79 264.27	0.35
RIVER-1 RIVER-1	Reach-1	250 248	Max WS Max WS	145.79	141.00	142.91		142.98	0.003027	1.96 2.10 1.25 2.71	106.28 69.53 174.31 72.50 86.59	63.17	0.35
RIVER-1	Reach-1	246	Max WS	146.16	140.50	142.34		142.35	0.001210	1.25	174.31	268.14	
RIVER-1 RIVER-1	Reach-1	245.* 244	Max WS	146.26 146.35	139.75	142.09		142.18	0.004388	2.83	86.59	142.91	0.36
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	246 245.* 244 243.* 243.*	Max WS	146.42	141.00 140.50 139.75 139.00 139.50 140.00 139.50	141.59		141.65	0.003162	2.22	94.04 106.34 94.78	152.15	0.38 0.36 0.31 0.32
RIVER-1 RIVER-1	Reach-1	242 241 *	May MC	146.48 146.60	140.00 139.50	141.39 141.04		141.43 141.09	0.003470	1.92 2.23	94.78	209.68 190.72	0.32
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	241.* 240 239.* 238 236.5	Max WS Max WS Max WS Max WS Max WS	122.28 121.81 120.58 125.68 125.68 125.44 125.44 125.44 125.44 125.20 123.63 123.56 123.66 123.82 124.13 124.37 124.53 11.24.53 11.25.49 125.66 135.60 135.74 136.33 136.63 136.74 136.79 136.79 137.36 137.37 137.38 137.37 137.38 137.37 137.38 137.37 137.38 137.37 137.38 137.37 137.38 137.37 137.38 137.39 137.39 137.37 137.39 137.39 137.39 137.39 137.39 137.39 137.39 137.39 137.49 146.49 146.60 146.72 55.60 146.42 146.60 146.72 55.64 146.61 146.72 55.64 146.61 146.72	139.00	150.28 149.49 149.28 148.98 148.57 148.28 147.78 147.48 146.85 145.49 144.29 143.55 142.91 142.34 142.09 141.80 141.59 141.39 141.04 140.75 140.66		150.46 149.52 149.36 149.09 148.69 147.89 147.52 146.93 145.65 144.35 142.98 142.38 142.38 141.87 141.65 141.65 141.65 141.65 141.67 140.67 140.67 140.67	0.005672 0.002242 0.004410 0.006452 0.009417 0.004224 0.007014 0.003011 0.004986 0.013244 0.004088 0.003027 0.004428 0.001210 0.004568 0.004568 0.004568 0.004568 0.004568	1.88	110.24	149 49	0.28
RIVER-1	Reach-1	239.*	Max WS	55.20 53.64	138.50	140.66 140.65		140.67 140.65	0.000212 0.000072	0.49 0.30	146.17 218.63	222.11 255.48 237.69	0.08 0.05
RIVER-1 RIVER-1	кеасп−1 Reach-1	∠38 236.5	Max WS Max WS	146.61	138.00 137.25 136.60	140.65 139.38 139.13		139.50	0.000072 0.011247 0.001067	2.95	64.12 69.75	237.69	0.05 0.54 0.24
RIVER-1	Reach-1	235.85 235.84	Max WS	131.55	136.60	139.13	137.64	139.18	0.001067	1.89	69.75	35.17	0.24
RIVER-1	ĸeacn-⊥	235.84		Briage									

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No.														
EVER-1 Reach-1 238 Max WS 154.6 (6) 733.00 138.05 137.16 138.53 0.00938 1.4 (6) 733.00 174.27 0.535 174.8 175.10 175.10 175.							Kite	Treek.rep					~~	
RIVER-1 Reach—1 226 Max Mc 146.07 133.00 127.64 127.76 10.000058 0.94 293.53 490.00 0.12 RIVER-1 Reach—1 226 Max Mc 154.00 133.70 137.04 137.10 0.000688 0.94 293.53 490.00 0.12 RIVER-1 Reach—1 226 Max Mc 154.00 133.70 137.04 137.10 0.000688 0.94 293.53 490.00 0.12 RIVER-1 Reach—1 226 Max Mc 154.00 133.70 135.07 136.67 0.000674 3.50 80.62 255.05 0.35 6.000674 137.00 136.47 0.000689 1.40 137.00 136.47 0.00069 1.40 137.0	RIVER-1	Reach-1	235.23		132.03	136.10	139.11	127.16	139.15	0.000563	1.51	87.41	38.54	0.18
RIVER-1 Reach-1 209.23		Reach-1	220	Max WS	146.61	135.00	138.05	137.16	138.35	0.009266	4.43	37.07	1/4.22	0.53
RIVER-1 Reach-1 209.23	RIVER-1	Reach-1	230	Max WS	146.07	135.00	137.63		137.64	0.000414		299.43	490.65	0.12
RIVER-1 Reach-1 209.23	KTAEK-T	Reach-1	228	Max WS	154.47	134.00	137.48		137.31	0.000938	1.04	203.33	421.09	0.18
RIVER-1 Reach-1 209.23	KIVEK-I	Reach-1	220	Max WS	154.00	133.70	137.04		137.10	0.004400	2.41	204.14	254.33	0.30
RIVER-1 Reach-1 209.23	DTVED-1	Peach-1	224	Max WS	154.60	133.23	135.30		135.43	0.000347	2 36	131 67	262 93	0.44
RIVER-1 Reach-1 209.23	DTVFD-1	Peach-1	220	May WS	154.89	132 40	135.73		135.77	0.002074	4 22			0.52
RIVER-1 Reach-1 209.23	RTVER-1	Reach-1	218	Max WS	154 57	131.20	134 94		134 96	0.000639	1.46	197.90	263.30	0.15
RIVER-1 Reach-1 209.23		Reach-1	216	Max WS	154.60	132.75	134.79		134.81	0.001132	1.35	176.32	297.96	0.19
RIVER-1 Reach-1 209.23		Reach-1	214	Max WS	166.13	132,50	134.70		134.71	0.000550		237.04	294.89	0.13
RIVER-1 Reach-1 209.23	RIVER-1	Doach-1	213.*	Max WS	183.19	131.88	134.66		134.67	0.000303	1.01	286.53	229.54	0.12
RIVER-1 Reach-1 209.23	RIVER-1	Reach-1	212	Max WS	183.18	131.25	134.65		134.66	0.000222	1.13	311.20	186.36	0.12
RIVER-1 Reach-1 209.23	RIVER-1	Reach-1	211.782*	Max WS	183.18	131.22	134.64		134.65	0.000346	1.42	260.54	176.73	0.14
RIVER-1 Reach-1 209.23	RIVER-1	Reach-1	211.565*	Max WS	183.17	131.19	134.63		134.65	0.000490	1.69	216.33	152.01	0.17
RIVER-1 Reach-1 209.23	RIVER-1	Reach-1	211.347*	Max WS	183.15	131.16	134.61		134.64	0.000664	1.97	182.72	131.95	0.20
RIVER-1 Reach-1 209.23	KIVER-I	Reach-1	211.13°	Max WS	183.1/	131.12	134.59		134.03	0.000797	2.17	139.30	100.72	0.22
RIVER-1 Reach-1 209.23	DTVED-1	Reach-1	210.912"	Max WS May WS	103 14	131.09	134.30		134.61	0.000947	2.30	127 24	82 49	0.24
RIVER-1 Reach-1 209.23	RTVER-1	Reach-1	210.033	Max WS	183 19	131.03	132 58	133.28	135.04	0.110082	13.05	16.86	25.45	2.18
RIVER-1 Reach-1 209.23		Reach-1	210.13	Max WS	15.59	129.39	132.16	133120	132.16	0.000005	0.26	60.99	35.51	0.03
RIVER-1 Reach-1 208, 43 Max WS 15.59 128.67 132.16 132.16 0.000002 0.18 88.37 61.24 0.02 RIVER-1 REACH-1 205.91 Max WS 133.10 129.85 131.30 132.00 0.002000 3.56 13.30 3.59 0.50 RIVER-1 REACH-1 200.44 Max WS 133.05 129.49 131.18 131.20 0.001358 3.24 56.43 34.07 0.44 REACH-1 200.14 Max WS 133.06 129.49 131.18 131.20 0.001358 3.24 56.43 34.07 0.44 REACH-1 200.14 Max WS 133.00 128.80 131.23 131.24 0.001254 2.65 68.94 56.43 34.07 0.44 REACH-1 200.14 Max WS 133.00 128.80 131.23 131.24 0.001254 2.65 68.94 36.37 0.34 RIVER-1 REACH-1 200.12 Max WS 133.00 128.80 131.23 131.27 131.34 0.001254 2.65 68.94 36.37 0.34 RIVER-1 REACH-1 190 Max WS 132.99 138.72 131.47 131.25 0.001260 3.71 49.28 35.08 0.43 RIVER-1 REACH-1 199 Max WS 122.99 132.48 130.71 130.67 0.001260 3.71 49.28 35.08 0.43 RIVER-1 REACH-1 198 REACH-1 194 Max WS 132.99 132.35 130.70 130.00 130.80 0.001268 2.66 68.24 35.08 0.43 RIVER-1 REACH-1 194 Max WS 122.99 132.35 130.70 130.87 0.001288 2.66 68.24 35.08 0.43 RIVER-1 REACH-1 194 Max WS 122.99 132.35 130.79 130.87 0.001288 2.66 68.24 35.08 0.43 RIVER-1 REACH-1 194 Max WS 122.86 127.53 130.10 130.50 0.001288 2.66 68.24 35.13 0.30 RIVER-1 REACH-1 194 Max WS 122.89 132.35 130.79 130.87 0.001288 2.66 68.24 36.13 0.00 RIVER-1 REACH-1 194 Max WS 122.89 132.35 130.29 130.38 0.000676 2.44 85.22 38.83 RIVER-1 REACH-1 194 Max WS 122.86 127.57 130.15 130.29 130.38 0.000676 2.44 85.22 38.83 RIVER-1 REACH-1 194 Max WS 122.89 127.68 130.29 130.38 0.000676 2.44 85.22 38.83 RIVER-1 REACH-1 194 Max WS 122.89 127.25 130.29 130.38 0.000676 2.44 85.22 38.83 RIVER-1 REACH-1 194 Max WS 122.89 127.25 130.05 130.10 130.20 0.000599 1.78 130.30 0.000676 2.44 85.22 38.83 0.25 RIVER-1 REACH-1 194 Max WS 122.89 127.25 130.25 130.15 130.20 0.000599 1.78 130.30 0.000676 2.44 85.22 38.83 0.25 RIVER-1 REACH-1 194 Max WS 122.89 127.25 130.25 129.89 129.99 0.0001079 1.78 130.30 0.000676 2.44 85.22 38.83 0.25 RIVER-1 REACH-1 194 Max WS 131.25 127.02 129.89 129.99 0.0001079 1.78 130.00 0.000676 2.44 85.22 38.83 0.25 RIVER-1 REACH-1 194 Max WS 131.2		Reach-1	209.23	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Culvert									
RIVER-1 Reach-1 205.91 Max MS 183.10 129.85 131.80 132.00 0.022006 3.56 13.39 32.59 0.50 Max MS 183.06 129.75 131.73 131.97 0.001899 3.49 3.75 2.46 32.95 0.50 0.49 Max MS 183.06 129.78 131.77 131.79 0.001806 2.67 68.64 37.10 0.49 Max MS 183.06 129.88 131.28 131.79 0.001806 2.67 68.64 37.10 0.49 Max MS 183.06 129.88 131.28 131.39 0.001806 2.67 68.64 37.10 0.49 Max MS 182.09 128.79 131.77 131.28 0.001200 2.63 69.45 35.70 0.34 MIVER-1 Reach-1 200.1 Max MS 182.99 128.72 131.17 131.28 0.001200 2.63 69.45 35.70 0.34 MIVER-1 Reach-1 200 Max MS 182.99 128.72 131.17 131.28 0.001200 2.63 69.45 35.70 0.34 MIVER-1 Reach-1 190.0 Max MS 182.99 128.72 131.17 131.28 0.001200 2.63 69.45 35.70 0.33 MIVER-1 REACH-1 198.78 Max MS 182.93 128.48 130.71 130.95 0.001802 3.71 49.28 35.08 0.45 MIVER-1 REACH-1 198.78 Max MS 182.92 128.59 130.47 130.95 0.001802 3.71 49.28 35.08 0.45 MIVER-1 REACH-1 198.78 Max MS 182.92 128.35 130.70 130.81 0.001288 2.68 68.24 36.50 0.46 MIVER-1 REACH-1 196.8 Max MS 182.92 128.93 128.48 130.71 130.95 0.001999 2.54 72.07 36.73 0.52 MIVER-1 REACH-1 191.5 Max MS 182.89 128.02 130.47 130.57 0.001099 2.54 72.07 36.73 0.52 MIVER-1 REACH-1 191.5 Max MS 182.86 127.65 130.47 130.05 130.81 130.57 0.001099 2.54 72.07 36.73 0.52 MIVER-1 REACH-1 191.5 Max MS 182.86 127.65 130.47 130.05 130.000809 1.78 130.14 130.57 0.000809 1.78 130.14 130.57 0.000809 1.78 130.14 130.57 0.000809 1.78 130.14 130.57 0.000809 1.78 130.14 130.57 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.20 0.000809 1.78 130.14 130.00 0.000809 1.78 130.14 130.00 0.000809 1.78 130.14 130.00 0.000809 1.78 130.14 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1.78 130.00 0.000809 1		Reach-1	208.43	Max WS	15.59	128.67	132.16		132.16	0.000002	0.18	88.37	61.24	0.02
RIVER-1 Reach-1 205.49 Max WS 183.06 129.75 131.73 131.92 0.001539 3.49 52.46 32.95 0.49 RIVER-1 Reach-1 204.44 Max WS 183.00 129.48 131.58 131.73 131.92 0.001539 3.29 52.46 32.95 0.49 RIVER-1 Reach-1 200.11* Max WS 183.00 129.48 131.53 131.73 131.28 0.0010539 3.29 52.46 32.95 0.49 RIVER-1 Reach-1 200.2 Max WS 182.99 128.72 131.17 131.28 0.001024 2.65 68.98 36.37 0.34 RIVER-1 Reach-1 200.2 Max WS 182.99 128.72 131.17 131.28 0.001024 2.65 68.98 36.37 0.34 RIVER-1 Reach-1 199.8 Max WS 182.99 128.72 131.17 131.28 0.001024 2.65 68.98 36.07 0.33 RIVER-1 Reach-1 199.8 Max WS 182.99 128.72 131.17 131.28 0.001034 2.65 69.45 35.70 0.33 RIVER-1 Reach-1 199.8 Max WS 182.99 128.72 131.17 131.28 0.001034 2.65 69.45 35.70 0.33 RIVER-1 Reach-1 199.8 Max WS 182.89 128.02 131.04 131.25 0.001348 2.68 69.45 35.70 0.33 RIVER-1 Reach-1 196.* Max WS 182.89 128.02 130.07 130.81 0.001288 2.68 68.24 36.10 0.34 RIVER-1 Reach-1 194.* Max WS 182.89 128.02 130.47 130.57 0.001099 2.54 72.07 36.10 0.34 RIVER-1 Reach-1 194.* Max WS 182.89 127.68 130.29 130.38 0.000676 2.14 88.02 37.69 0.29 RIVER-1 Reach-1 191. Max WS 182.89 127.68 130.29 130.38 0.000676 2.14 88.02 37.69 0.29 RIVER-1 Reach-1 191. Max WS 182.89 127.58 130.19 130.18 130.29 130.38 0.000676 2.14 88.02 37.69 0.29 RIVER-1 Reach-1 191. Max WS 182.89 127.59 130.16 130.29 130.38 0.000676 2.14 88.02 37.69 0.29 RIVER-1 Reach-1 191. Max WS 182.89 127.59 130.16 130.29 130.18 130.20 130.11 14 Max WS 182.89 127.21 130.02 130.12 0.000676 2.14 88.32 38.88 0.25 NIVER-1 Reach-1 191. Re	RIVER-1	Reacn-⊥	205.91	Max WS	183.10	129.85	131.80		132.00	0.002006	3.56	51.39	32.59	0.50
REVER-1 Reach-1 204.44 Max WS 183.05 129.49 131.58 131.74 0.001356 3.24 56.43 34.00 0.45 Mines 1.00 120 120 120 Max WS 183.00 128.80 131.23 131.34 0.001304 2.65 68.99 3.10 0.45 Mines 1.00 128.80 131.00 128.80 131.23 131.34 0.001304 2.65 68.99 3.10 0.05 0.35 Mines 1.00 120 Max WS 182.99 128.69 131.07 131.25 0.001302 3.71 49.28 35.08 0.43 Mines 1.00 Max WS 182.99 128.69 131.07 131.25 0.001302 3.71 49.28 35.08 0.43 Mines 1.00 Max WS 182.99 128.69 131.07 131.25 0.001302 3.71 49.28 35.08 0.43 Mines 1.00 Max WS 182.99 128.69 131.07 130.05 0.001302 3.71 49.28 35.08 0.45 Mines 1.00 Mi	RIVER-1	Reach-1	205.49	Max WS	183.06	129.75	131.73		131.92	0.001899	3.49	52.46	32.95	0.49
RIVER-1 Reach-1 200 Max WS 183.00 128.88 131.82 131.37 10.001308 2.67 688.64 37.10 0.33 RIVER-1 Reach-1 200.2 Max WS 183.09 128.80 131.04 131.25 0.001200 2.63 68.95 35.77 0.33 RIVER-1 Reach-1 200.2 Max WS 183.09 128.80 131.04 131.25 0.001200 2.63 68.95 35.77 0.33 RIVER-1 Reach-1 199 Max WS 183.09 128.80 131.04 131.25 0.001802 3.71 49.28 35.08 0.43 RIVER-1 Reach-1 198.78 Max WS 183.09 128.80 131.04 131.25 0.001802 3.71 49.28 35.08 0.43 RIVER-1 Reach-1 198.78 Max WS 183.09 128.80 130.07 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 198.78 Max WS 183.09 128.35 130.47 130.95 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 199.1 Max WS 183.00 128.35 130.47 130.95 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 199.1 Max WS 183.00 128.35 130.47 130.95 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 199.1 Max WS 183.00 128.35 130.47 130.95 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 199.1 Max WS 183.00 128.35 130.47 130.95 0.00134 3.91 49.28 35.08 0.43 RIVER-1 Reach-1 191.5 Max WS 183.00 128.35 130.47 130.95 0.000389 1.78 130.29 37.69 0.29 RIVER-1 Reach-1 191.5 Max WS 183.00 127.72 130.15 130.20 0.000399 1.78 130.30 1.41 49.28 30.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 85.27 35 0.000676 2.45 8	RIVER-1	Reach-1	204.44	Max WS	183.05	129.49	131.58		131.74	0.001556	3.24	56.43	34.07	0.44
REMENT REACH-1 (200 Max WS 182.99 128.75 131.04 131.25 0.001254 3.71 09.48 35.08 0.33 RIVER-1 REACH-1 199 (200 Max WS 182.99 128.48 130.71 130.95 0.001262 3.71 09.48 35.08 0.33 RIVER-1 REACH-1 199 (200 Max WS 182.99 128.48 130.71 130.95 0.001262 3.71 09.48 35.08 0.33 RIVER-1 REACH-1 198.78 Max WS 182.93 128.48 130.71 130.95 0.001288 2.68 68.24 36.10 0.46 RIVER-1 REACH-1 198.78 Max WS 182.93 128.48 130.70 130.81 0.001288 2.68 68.24 36.10 0.44 RIVER-1 REACH-1 199.78 Max WS 182.93 128.48 130.70 130.81 0.001288 2.68 68.24 36.10 0.44 RIVER-1 REACH-1 199.78 Max WS 182.98 128.03 130.40 130.97 130.81 0.001288 2.68 68.24 36.10 0.44 RIVER-1 REACH-1 199.78 Max WS 182.98 128.00 130.40 130.40 130.81 0.001288 2.68 68.24 36.10 3.44 RIVER-1 REACH-1 191.78 Max WS 182.86 127.73 130.15 130.29 0.00069 2.44 77.00 35.73 0.25 RIVER-1 REACH-1 191.5 Max WS 182.86 127.73 130.15 130.20 0.00069 2.44 77.00 35.73 0.02 RIVER-1 REACH-1 191.14 Max WS 182.86 127.77 130.15 130.02 0.00069 2.44 77.00 35.73 0.02 RIVER-1 REACH-1 191.14 Max WS 182.86 127.77 130.15 130.02 130.12 0.00069 2.45 51.70 141.49 0.26 RIVER-1 REACH-1 191.14 Max WS 182.86 127.77 126.85 130.00 130.12 0.00069 2.45 51.70 141.49 0.26 RIVER-1 REACH-1 191.14 Max WS 182.86 127.77 1 126.85 129.92 129.99 0.000602 2.45 51.70 41.49 0.26 RIVER-1 REACH-1 189 Max WS 126.56 126.34 129.88 129.99 0.000602 2.45 51.70 41.49 0.26 RIVER-1 REACH-1 189 Max WS 126.56 126.34 129.88 129.99 0.000602 2.45 51.70 41.49 0.26 RIVER-1 REACH-1 185.78 Max WS 130.33 126.25 129.96 129.97 0.000602 2.45 51.70 41.49 0.26 RIVER-1 REACH-1 185.78 Max WS 130.33 126.25 129.96 129.97 0.000602 2.45 51.70 41.49 0.26 RIVER-1 REACH-1 185.78 Max WS 130.33 126.25 129.96 129.97 0.000602 2.45 51.50 0.00083 0.96 131.42 44.17 0.10 RIVER-1 REACH-1 185.78 Max WS 130.33 126.25 129.96 129.97 129.99 0.000602 2.45 51.20 129.13 129.90 0.000602 2.4	RIVER-1	Reach-1	202	Max WS	183.00	128.88	131.28		131.39	0.001306	2.67	68.64	37.10	0.35
REVER-1 Reach-1 200.2 Max WS 182.99 128.06 131.07 131.25 0.001202 2.05 09.45 35.08 0.35 REVER-1 Reach-1 198.78 Max WS 182.99 128.06 131.07 131.25 0.001202 3.71 49.28 35.08 0.45 REVER-1 Reach-1 198.78 Max WS 182.99 128.08 130.71 130.95 0.002134 3.91 46.84 34.05 0.46 REVER-1 Reach-1 196.* Max WS 182.99 128.02 128.35 130.70 130.81 0.001288 2.68 68.24 36.10 0.34 REVER-1 Reach-1 196.* Max WS 182.89 127.68 130.29 130.67 0.001099 2.54 72.07 36.73 0.32 REVER-1 Reach-1 194.* Max WS 182.89 127.68 130.29 130.67 0.001099 2.54 72.07 36.73 0.32 REVER-1 Reach-1 191.5 Max WS 182.89 127.68 130.29 130.57 0.001099 2.54 72.07 36.73 0.32 REVER-1 Reach-1 191.4 Max WS 128.66 127.77 130.15 130.50 0.000379 2.74 72.07 36.73 0.22 REVER-1 Reach-1 191.1 Max WS 129.16 127.72 130.15 130.20 0.000379 2.74 72.07 36.73 0.22 REVER-1 Reach-1 191.1 Max WS 129.16 127.72 130.15 130.20 0.000379 2.74 72.07 36.73 0.22 REVER-1 Reach-1 191.1 Max WS 126.92 127.02 129.89 129.99 0.000607 2.75 50.65 41.26 0.27 REVER-1 Reach-1 191.1 Max WS 126.92 127.02 129.89 129.99 0.000607 2.45 130.30 14.52 0.27 REVER-1 Reach-1 185 8 Max WS 126.50 127.70 129.89 129.99 0.000607 2.45 130.30 14.20 0.27 REVER-1 Reach-1 185 8 Max WS 127.76 130.85 120.88 129.99 0.000607 2.45 130.30 14.45 0.27 REVER-1 Reach-1 185 8 Max WS 139.13 126.65 129.88 129.99 0.000607 2.45 130.30 14.40 0.0007 14.40 0.27 REVER-1 Reach-1 185 8 Max WS 139.17 126.67 129.37 129.55 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 185 8 Max WS 139.17 126.67 129.37 129.55 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 185 8 Max WS 139.17 126.60 129.93 129.99 129.90 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 184 5.78 Max WS 139.17 126.60 129.37 129.55 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 184 5.78 Max WS 139.17 126.60 129.37 129.55 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 184 Max WS 138.87 126.00 129.30 129.90 129.90 0.000607 3.42 93.36 37.31 0.38 REVER-1 Reach-1 184 Max WS 138.87 126.00 128.99 129.90 129.90 0.000607 3.42 93.36 37.31 0.38 129.90 0.39 129.90 0.000607 3.42 93.36 37.31 0.38 129.90 0.39	RIVER-1	Reach-1	201.1*	Max WS	183.00	128.80	131.23		131.34	0.001254		60.96	30.37	0.34
REVER-1 Reach-1 198 78 Max WS 122.93 128.48 130.71 130.95 0.002134 3.91 46.84 34.05 0.46 RIVER-1 Reach-1 198 78 Max WS 182.92 128.35 130.70 130.81 0.001288 2.68 68.24 36.10 0.34 RIVER-1 Reach-1 196.* Max WS 182.92 128.35 130.70 130.81 0.001288 2.68 68.24 36.10 0.34 RIVER-1 Reach-1 191.* Max WS 182.89 128.02 130.47 1310.55 0.001299 2.54 72.07 36.73 0.32 RIVER-1 Reach-1 191.* Max WS 182.88 127.68 127.68 130.58 0.000672 2.34 78.52 3.88 3.00 0.32 RIVER-1 Reach-1 191.* Max WS 182.88 127.68 127.68 130.58 0.000675 2.34 78.52 3.88 3.00 0.32 RIVER-1 Reach-1 191.14 Max WS 129.16 127.21 130.02 130.12 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191.14 Max WS 129.16 127.21 130.02 130.12 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191.14 Max WS 129.16 127.21 130.02 130.12 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191.14 Max WS 126.65 126.34 129.88 129.99 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191. Max WS 126.65 126.34 129.88 129.99 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 139 Max WS 126.55 126.51 126.85 129.92 129.99 0.000607 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 1385.5* Max WS 126.56 126.34 129.88 129.99 0.000607 2.55 131.42 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 139.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 186.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 186.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 186.5* Max WS 319.37 126.67 129.99 0.000607 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 186.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 186.5* Max WS 319.33 126.60 129.90 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 180 Max WS 318.87 126.60 129.90 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 180 Max WS 318.87 126.60 129.90 129.90 129.90 0.0000754 41.60 77.60 139.90 0.000754 41.60 77.60 139.90 0.000754 41.60 77.60 139.90 0.00075	RIVER-1	ĸeacn-⊥	200.2	Max WS	182.99	128.72	131.1/		131.28	0.001200	2.03	40.29		0.33
RTVER-1 Reach-1 198 78 Max WS 182.93 128.48 130.71 130.95 0.002134 3.91 46.84 34.05 0.46 RTVER-1 Reach-1 196.* Max WS 182.89 127.68 130.70 130.81 0.001288 2.68 68.24 36.10 0.34 RTVER-1 Reach-1 194.* Max WS 182.89 127.68 130.29 130.38 0.000875 2.34 78.02 37.69 0.29 RTVER-1 Reach-1 194.* Max WS 182.89 127.68 130.29 130.38 0.000875 2.34 78.02 37.69 0.29 RTVER-1 Reach-1 191.5 Max WS 182.89 127.75 130.15 130.20 0.000600 2.45 130.81 0.000875 2.34 78.02 37.69 0.29 RTVER-1 Reach-1 191.5 Max WS 126.86 127.35 130.15 130.25 0.000600 2.14 81.52 38.83 0.29 RTVER-1 Reach-1 191.1 Max WS 129.66 127.27 130.15 130.20 0.000600 2.14 81.52 38.83 0.29 RTVER-1 Reach-1 191.1 Max WS 129.66 127.27 130.15 130.20 0.000600 2.45 55.065 41.26 0.20 RTVER-1 Reach-1 190.1 Max WS 126.92 127.02 129.89 129.99 0.000600 2.45 55.065 41.26 0.20 RTVER-1 Reach-1 190.1 Max WS 126.92 127.02 129.89 129.99 0.000600 2.45 55.70 0.44 49 0.26 RTVER-1 Reach-1 180 Max WS 126.69 2 127.02 129.89 129.99 0.000600 2.45 55.70 41.49 0.26 RTVER-1 Reach-1 180 Max WS 126.65 127.26 85 129.92 129.99 0.000600 2.45 55.70 41.49 0.26 RTVER-1 Reach-1 185.8 Max WS 138.80 127.71 126.65 129.92 129.99 0.000600 2.45 55.70 0.00 10.11 44.32 0.00 130 120 120 120 120 120 120 120 120 120 12		Reach-1	200 100	Max WS	182.99	128.69	131.04		131.23		3./1		33.00	
RIVER-1 Reach-1 198.70 Max WS 182.92 128.35 130.70 130.81 0.001288 2.66 68.24 36.10 0.34 RIVER-1 Reach-1 194.* Max WS 182.89 128.02 130.47 130.57 0.001099 2.54 72.07 36.73 0.32 RIVER-1 Reach-1 194.* Max WS 182.86 127.35 130.16 130.29 130.38 0.000875 2.34 78.02 37.69 0.29 RIVER-1 Reach-1 191.5 Max WS 182.86 127.35 130.16 130.23 0.000875 2.34 78.02 37.69 0.29 RIVER-1 Reach-1 191.5 Max WS 182.86 127.77 130.15 130.20 0.000399 1.78 103.01 41.52 0.25 RIVER-1 Reach-1 191.5 Max WS 182.86 127.77 130.15 130.20 0.000399 1.78 103.01 41.52 0.25 RIVER-1 Reach-1 190 Max WS 126.60 127.77 126.85 129.94 129.99 0.000602 2.45 51.70 41.49 0.26 RIVER-1 Reach-1 189 Max WS 126.56 126.34 129.88 129.99 0.000602 2.45 51.70 41.49 0.26 RIVER-1 Reach-1 186 Max WS 126.56 126.34 129.88 129.90 0.000033 0.96 131.42 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 125.80 129.94 0.000057 1.15 110.83 42.27 0.13 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 125.80 125.93 129.94 0.0000602 1.45 130.42 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 125.80 125.93 129.94 0.000167 1.45 140.49 140.32 1.40 140.		Reach-1	109 70	May WS	192 02	128 48	120 71		130 05	0.002134	3 01	46 84	34.05	0.46
RIVER-1 Reach-1 196.* MAX WS 182.89 128.02 130.47 130.57 0.001099 2.54 72.07 36.73 0.32 RIVER-1 Reach-1 194.* MAX WS 182.89 127.68 130.29 130.38 0.000675 2.34 78.02 37.69 0.29 RIVER-1 Reach-1 191.5 MAX WS 182.86 127.35 130.16 130.23 0.000676 2.14 85.32 38.83 0.25 RIVER-1 Reach-1 191.5 MAX WS 182.86 127.77 130.15 130.20 0.000399 1.78 130.14 1.52 0.20 RIVER-1 Reach-1 191.14 MAX WS 129.16 127.27 130.15 130.20 0.000399 1.78 130.14 1.52 0.20 RIVER-1 Reach-1 191.14 MAX WS 129.16 127.27 130.00 130.12 0.000676 2.55 30.65 41.26 0.27 RIVER-1 Reach-1 191.14 MAX WS 129.16 127.71 126.85 129.89 129.99 0.000667 2.55 30.65 41.26 0.27 RIVER-1 Reach-1 189 MAX WS 127.71 126.85 129.92 129.89 0.000067 1.15 110.83 42.27 0.13 RIVER-1 Reach-1 189 MAX WS 127.71 126.85 129.92 129.99 0.0000093 0.96 131.42 44.17 0.10 RIVER-1 Reach-1 185.5* MAX WS 319.33 126.25 129.60 129.73 0.000393 0.96 131.42 44.17 0.10 RIVER-1 Reach-1 185.5* MAX WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 184.5* MAX WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 184.5* MAX WS 318.82 126.00 129.30 129.30 0.0007576 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184.5* MAX WS 318.82 126.00 128.89 129.99 129.00007576 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184.5* MAX WS 318.82 126.00 128.89 129.30 0.0007576 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184.5* MAX WS 318.82 126.00 128.89 129.00 129.30 0.003756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184.6* MAX WS 318.82 126.00 128.89 129.00 129.30 0.003756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184 MAX WS 318.82 126.00 128.89 129.00 129.30 0.003756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184 MAX WS 318.82 126.00 128.89 129.00 129.30 0.003756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 170 MAX WS 316.40 120.00 120	DTVED-1	Peach-1	198.76	Max WS	182 92	128 35	130.71		130.81	0.002134	2.68	68.24	36.10	0.34
RTVER-1 Reach-1 194 * MAX WS 182.89 127.68 130.29 130.38 0.000875 2.34 78.02 37.69 0.29 RTVER-1 Reach-1 199. MAX WS 182.86 127.35 130.16 130.23 0.000676 2.14 85.32 38.83 0.25 RTVER-1 Reach-1 191.14 MAX WS 129.16 127.21 130.15 130.00 0.000399 1.78 103.01 41.52 0.20 RTVER-1 Reach-1 191.14 MAX WS 129.16 127.21 130.15 130.00 0.000399 1.78 103.01 41.52 0.20 RTVER-1 Reach-1 190 MAX WS 128.86 127.27 130.15 130.20 0.000399 1.78 103.01 41.52 0.20 RTVER-1 Reach-1 190 MAX WS 126.92 127.00 129.89 129.99 0.000607 2.45 131.00 141.52 0.20 RTVER-1 Reach-1 130 MAX WS 126.92 127.00 129.89 129.99 0.000607 2.45 131.00 141.49 0.22 RTVER-1 Reach-1 188 MAX WS 126.76 126.85 129.88 129.90 0.000037 1.15 110.83 42.27 0.13 RTVER-1 Reach-1 185.5* MAX WS 319.17 126.17 129.37 129.56 0.129.73 0.003164 2.90 110.11 40.32 0.31 RTVER-1 Reach-1 185.5* MAX WS 319.17 126.17 129.37 129.55 0.004067 3.42 93.36 37.31 0.38 RTVER-1 Reach-1 185.* MAX WS 319.17 126.17 129.37 129.55 0.004067 3.42 93.36 37.31 0.38 RTVER-1 Reach-1 185.* MAX WS 318.77 126.00 128.99 129.03 0.005766 4.16 76.56 34.75 0.49 RTVER-1 Reach-1 184 MAX WS 318.77 126.00 128.99 129.03 0.005766 4.16 76.56 34.75 0.49 RTVER-1 Reach-1 184 MAX WS 318.77 126.00 128.99 129.03 0.005766 4.16 76.56 34.75 0.49 RTVER-1 Reach-1 180 MAX WS 318.77 126.00 128.99 129.08 0.001834 2.86 197.96 199.90 0.32 RTVER-1 Reach-1 180 MAX WS 338.81 124.00 128.81 129.83 0.000576 4.16 76.56 34.75 0.49 RTVER-1 Reach-1 176 MAX WS 338.81 124.00 128.80 129.80 0.000576 4.16 76.56 34.75 0.33 0.33 0.33 0.33 0.33 0.33 0.33 0.3		Doach_1	196 *	Max WS	182.89	128.02	130.70		130.57	0.001099	2.54	72.07	36.73	0.32
RIVER-1 Reach-1 191.5 Max WS 182.86 127.35 130.16 130.23 0.000676 2.14 85.32 38.83 0.25 RIVER-1 Reach-1 191.14 Max WS 129.16 127.27 130.15 130.20 0.000399 1.78 103.01 41.52 0.20 RIVER-1 Reach-1 191.14 Max WS 129.16 127.27 130.05 130.12 0.000667 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191.14 Max WS 129.16 127.21 130.02 130.12 0.000667 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 191.14 Max WS 126.51 120.89 190 0.000602 2.55 50.65 41.26 0.27 RIVER-1 Reach-1 180 Max WS 126.51 126.85 129.92 129.94 0.000157 1.15 110.83 42.27 0.13 RIVER-1 Reach-1 180 Max WS 126.56 126.34 129.88 129.90 0.000039 0.96 131.42 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 RIVER-1 Reach-1 185.5* Max WS 319.33 126.25 129.60 129.73 0.003164 2.90 110.11 40.32 RIVER-1 Reach-1 184.5* Max WS 318.82 126.08 129.03 129.30 0.005756 4.16 76.56 34.75 RIVER-1 Reach-1 184. Max WS 318.82 126.08 129.03 129.30 0.00576 4.16 76.56 34.75 RIVER-1 Reach-1 184. Max WS 318.82 126.08 129.03 129.00 0.00576 4.16 76.56 34.75 RIVER-1 Reach-1 184. Max WS 318.82 126.00 128.89 129.08 0.001844 2.86 197.96 199.90 0.32 RIVER-1 Reach-1 182 Max WS 32.78 126.00 128.89 129.08 0.001844 2.86 197.96 199.90 0.32 RIVER-1 Reach-1 182 Max WS 338.81 124.00 127.47 127.57 0.003880 3.32 123.15 RIVER-1 Reach-1 182 Max WS 36.99 129.08 0.0007576 4.16 76.56 34.75 RIVER-1 Reach-1 176 Max WS 36.99 129.08 0.000777 1.1 RIVER-1 Reach-1 177 Max WS 360.07 124.00 127.47 127.57 0.003880 3.32 129.35 50.00077 RIVER-1 Reach-1 177 Max WS 360.07 124.00 126.84 126.85 0.000577 1.1 RIVER-1 Reach-1 177 Max WS 360.07 124.00 126.64 126.67 0.000517 1.1 RIVER-1 Reach-1 177 Max WS 360.07 124.00 126.64 126.67 0.000517 1.1 RIVER-1 Reach-1 177 Max WS 360.07 124.00 126.64 126.67 0.000517 1.1 RIVER-1 Reach-1 165.5* Max WS 356.09 122.55 126.68 126.67 0.000517 1.1 RIVER-1 Reach-1 166.5* Max WS 356.09 122.55 126.68 126.67 0.000517 1.1 RIVER-1 Reach-1 166.5* Max WS 356.09 122.55 126.68 126.67 0.000517 1.1 RIVER-1 Reach-1 166.5* Max WS	RTVFR-1	Reach-1	194.*	Max WS	182.89	127.68	130.29		130.38	0.000875	2.34	78.02	37.69	0.29
RIVER-1 Reach-1 191.5 Max WS 182.86 127.27 130.15 130.20 0.000399 1.78 103.01 41.52 0.20 RIVER-1 Reach-1 191	RTVFR-1	Reach-1	192	Max WS	182.86	127.35	130.16		130.23	0.000676	2.14	85.32	38.83	0.25
RIVER-1 Reach-1 191	RIVER-1	Reach-1	191.5	Max WS	182.86	127.27	130.15		130.20	0.000399	1.78	103.01	41.52	0.20
RTVER-1 Reach-1 190 Max WS 126.92 127.02 129.89	RIVER-1	Reach-1	191.14	Max WS	129.16	127.21	130.02		130.12	0.000667	2.55	50.65	41.26	0.27
RIVER-1 Reach-1 189 Max WS 126.75 126.85 129.89 129.99 0.000007 1.41 131.42 44.77 0.15 RIVER-1 Reach-1 189 Max WS 127.75 126.85 129.89 129.99 0.000007 1.41 131.42 44.77 0.15 RIVER-1 Reach-1 185.5* Max WS 319.51 126.35 129.80 129.73 0.001164 129.00 110.11 40.12 0.13 RIVER-1 Reach-1 185.5* Max WS 319.17 126.17 129.57 129.57 0.004667 3.42 93.36 37.31 31.81 RIVER-1 Reach-1 184.5* Max WS 319.17 126.17 129.57 129.57 0.004667 3.42 93.36 37.31 31.81 RIVER-1 Reach-1 184.5* Max WS 318.82 126.00 129.03 129.03 129.30 0.005756 4.16 76.56 34.75 0.49 129.50	RIVER-1	Reach-1	191		Culvert	127.02				0.000000	2.45		41 40	
RIVER-1 Reach-1 186 Max WS 126.56 126.54 129.58 129.59 0.000003 1.1.6 131.52 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 319.33 126.55 126.54 129.68 1129.79 0.000003 1.1.6 131.52 44.17 0.10 RIVER-1 Reach-1 185.5* Max WS 319.33 126.55 129.63 129.73 0.003144 2.90 110.11 40.32 0.13 RIVER-1 Reach-1 185.* Max WS 319.33 126.55 129.63 129.73 129.55 0.004067 129.03 129.13 129.73 129.55 0.004067 129.03	KTAFK-T	Keach-1	190	Max WS	126.92	127.02	129.89		129.99	0.000602	2.45	31./U	41.49	0.20
RIVER-1 Reach-1 185.5° MAX WS 319.17 126.25 122.60 129.73 0.003164 2.90 110.11 40.32 0.31 RIVER-1 Reach-1 185.8° MAX WS 319.17 126.17 129.37 129.57 0.004067 3.42 93.36 37.31 0.38 RIVER-1 Reach-1 184.5° MAX WS 318.87 126.00 128.99 129.08 0.003756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 184 MAX WS 318.77 126.00 128.99 129.08 0.003756 4.16 176.56 34.75 0.49 RIVER-1 Reach-1 182 MAX WS 318.77 126.00 128.99 129.08 0.003834 2.86 197.96 199.90 0.32 RIVER-1 Reach-1 182 MAX WS 312.78 126.00 128.82 128.85 0.001452 2.33 231.56 181.33 0.33 RIVER-1 Reach-1 182 MAX WS 322.78 126.00 128.84 128.85 0.001452 2.33 231.56 181.33 0.33 RIVER-1 Reach-1 188 MAX WS 324.61 126.00 128.40 128.40 128.46 0.002844 2.51 207.47 127.55 0.31 RIVER-1 Reach-1 176 MAX WS 355.99 124.00 128.11 128.12 128.12 0.002844 2.51 207.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 MAX WS 361.94 127.40 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 177 MAX WS 360.60 124.00 126.84 126.85 0.0003772 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 177 MAX WS 360.70 124.00 126.84 126.85 0.0003772 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 170 MAX WS 361.21 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 170 MAX WS 361.21 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 170 MAX WS 361.21 124.00 126.66 126.66 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5° MAX WS 360.69 123.50 126.51 126.58 126.65 0.002016 2.18 365.66 675.03 0.32 RIVER-1 Reach-1 169.5° MAX WS 360.69 123.50 126.51 126.58 126.65 0.002016 2.18 365.66 675.03 0.22 RIVER-1 Reach-1 166 MAX WS 355.71 127.00 126.63 126.65 0.002016 2.18 365.66 675.03 0.22 RIVER-1 Reach-1 166.5° MAX WS 355.71 127.00 126.65 126.65 0.002016 2.18 365.66 675.03 0.22 RIVER-1 Reach-1 166.5° MAX WS 355.71 127.00 126.65 126.65 0.002016 2.18 365.66 675.03 0.002 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 365.60 0.002016 2.18 36	RIVER-I	Reach-1	189	Max WS	127.71	120.03	129.92		129.94	0.000137	7.72	131 42	42.27	0.13
RIVER-1 Reach-1 185.* Max WS 319.17 126.17 129.37 129.55 0.0040667 3.42 93.36 37.31 0.38 RIVER-1 Reach-1 184.5* Max WS 318.82 126.08 129.03 129.30 0.005756 3.42 75.56 34.75 0.49 RIVER-1 Reach-1 184 Max WS 318.82 126.08 129.03 129.08 0.001834 2.86 199.96 199.90 0.32 RIVER-1 Reach-1 182 Max WS 318.77 126.00 128.99 129.08 0.001834 2.86 199.96 199.90 0.32 RIVER-1 Reach-1 180 Max WS 322.78 126.00 128.82 128.85 0.001452 2.13 231.56 181.33 0.23 RIVER-1 Reach-1 178 Max WS 324.61 126.00 128.40 128.82 128.85 0.001452 2.13 231.56 181.33 0.23 RIVER-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RIVER-1 Reach-1 176 Max WS 358.81 124.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.11 0.003772 3.32 229.83 544.23 0.36 RIVER-1 Reach-1 172 Max WS 360.60 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.66 126.67 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.14 123.75 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.65 0.005015 1.83 565.68 675.03 0.26 RIVER-1 Reach-1 169.5* Max WS 360.13 123.55 126.58 126.60 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.40 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.40 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 167.5* Max WS 350.01 122.50 126.25 126.69 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.5* Max WS 350.01 122.50 126.25 126.69 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 351.07 122.00 125.59 126.68 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.07 122.00 125.59 126.68 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.07 122.00 125.59 125.58 0.001800 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.07 122.00 125.59 125.50 126.68 0.001247 1.91 411.80 674.09 0.22 RIVER-1 Reach-1 166.5* Max WS 351.07 122.00 125.59		Poach-1	100	Max WS	310 33	126.34	129.60		129.30	0.000055	2 90	110 11	40.32	0.31
RIVER-1 Reach-1 184.5* Max WS 318.82 126.08 129.03 129.03 0.005756 4.16 76.56 34.75 0.49 RIVER-1 Reach-1 182 Max WS 318.77 126.00 128.99 129.08 0.001834 2.86 197.96 199.90 0.32 RIVER-1 Reach-1 182 Max WS 322.78 126.00 128.82 128.85 0.001452 2.13 231.56 181.33 0.23 RIVER-1 Reach-1 180 Max WS 324.61 126.00 128.40 128.86 0.002844 2.51 207.47 273.25 0.31 RIVER-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.40 0.002844 2.51 207.47 273.25 0.31 RIVER-1 Reach-1 176 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RIVER-1 Reach-1 176 Max WS 356.81 124.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.11 0.003772 3.32 229.83 544.23 0.36 RIVER-1 Reach-1 177. Max WS 360.60 124.00 126.64 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 177. Max WS 361.21 124.00 126.63 126.67 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.14 124.00 126.63 126.67 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.63 126.67 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.41 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 360.69 123.55 126.58 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 360.69 123.55 126.58 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 360.69 123.55 126.58 126.65 126.47 0.002517 2.55 2097.41 496.88 0.29 RIVER-1 Reach-1 166.5* Max WS 356.09 122.55 126.63 126.67 0.002517 2.55 2097.41 496.88 0.29 RIVER-1 Reach-1 166.5* Max WS 356.69 122.55 126.63 126.61 0.001377 2.55 2097.41 496.88 0.29 RIVER-1 Reach-1 166.5* Max WS 355.71 0.22.55 126.62 126.65 0.001580 2.15 330.06 563.01 0.22 RIVER-1 Reach-1 166.5* Max WS 355.71 0.22.55 126.63 126.65 0.001820 2.14 379.33 300.06 563.01 0.22 RIVER-1 Reach-1 166.5* Max WS 351.10 122.50 126.55 126.		Peach-1	185 *	Max WS	319 17	126.17	129.37		129.55	0.004067	3.42	93.36	37.31	0.38
RYURR-1 Reach-1 184 Max WS 318.77 126.00 128.99 129.08 0.001834 2.86 197.96 199.90 0.32 RYURR-1 Reach-1 182 Max WS 322.78 126.00 128.82 128.85 0.001452 2.13 231.56 181.33 0.23 RYURR-1 Reach-1 180 Max WS 324.61 126.00 128.40 128.40 128.46 0.002844 2.51 207.47 273.25 0.31 RYURR-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RYURR-1 Reach-1 176 Max WS 355.99 124.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RYURR-1 Reach-1 174 Max WS 351.94 123.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RYURR-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RYURR-1 Reach-1 171 Max WS 360.60 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RYURR-1 Reach-1 171 Max WS 360.77 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RYURR-1 Reach-1 170 Max WS 361.21 124.00 126.66 126.77 0.000911 1.47 502.91 766.13 0.18 RYURR-1 Reach-1 169.5° Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RYURR-1 Reach-1 169.5° Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RYURR-1 Reach-1 169.8° Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RYURR-1 Reach-1 169.8° Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RYURR-1 Reach-1 168.8° Max WS 359.42 123.00 126.36 126.47 0.002297 2.58 302.33 502.33 58.64 122.75 126.59 126.49 126.33 0.002294 2.55 310.85 552.37 0.28 RYURR-1 Reach-1 166.5° Max WS 350.01 122.55 126.29 126.20 0.001824 2.39 330.06 530.10 0.25 RYURR-1 Reach-1 166.5° Max WS 355.01 122.55 126.18 126.67 0.001824 2.39 330.06 63.01 0.25 RYURR-1 Reach-1 166.5° Max WS 355.01 122.55 126.18 126.67 0.001824 2.39 330.06 63.01 0.25 RYURR-1 Reach-1 166.5° Max WS 355.01 122.50 126.51 126.55 0.002034 2.55 310.85 552.37 0.28 RYURR-1 Reach-1 166.5° Max WS 355.01 122.50 126.51 126.55 0.001824 2.39 330.06 63.01 0.25 RYURR-1 Reach-1 166.5° Max WS 355.00 122.55 126.18 126.60 0.001824 2.39 330.06 63.01 0.25 RYURR-1 Reach-1 166.5° Max WS 355.00 122.55 126.60 0.001824 2.39 330.00 63.00 0.20 RYURR-1 Re	RTVFR-1	Reach-1	184.5*	Max WS	318.82	126.08	129.03		129.30	0.005756	4.16	76.56	34.75	0.49
RIVER-1 Reach-1 182 Max WS 322.78 126.00 128.82 128.85 0.001452 2.13 231.56 181.33 0.23 RIVER-1 Reach-1 180 Max WS 324.61 126.00 128.40 128.46 0.002844 2.51 207.47 273.25 0.31 RIVER-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RIVER-1 Reach-1 176 Max WS 358.81 124.00 127.47 127.57 0.003870 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.11 0.003772 3.32 229.83 544.23 0.36 RIVER-1 Reach-1 172 Max WS 360.60 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 170 Max WS 360.77 124.00 126.66 126.77 0.00911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.14 123.75 126.58 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 166.5* Max WS 357.10 122.50 126.22 126.60 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 166.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 357.10 122.50 126.22 126.26 0.001502 1.85 302.33 542.46 0.29 RIVER-1 Reach-1 166.5* Max WS 357.10 122.50 126.22 126.26 0.001824 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 357.10 122.50 126.22 126.60 0.001824 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 351.00 122.50 126.52 126.60 0.001820 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.10 122.50 126.50 126.60 0.001820 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.10 122.50 126.50 125.60 0.001820 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.10 122.50 125.50 125.50 125.60 0.001500 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 166.5* Max WS 351.10 120.00 125.50 125.50 125.	RIVER-1	Reach-1	184	Max WS	318.77	126.00	128.99		129.08	0.001834	2.86	197.96	199.90	0.32
RIVER-1 Reach-1 180 Max WS 324.61 126.00 128.40 128.46 0.002844 2.51 207.47 273.25 0.31 RIVER-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RIVER-1 Reach-1 176 Max WS 358.81 124.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.11 0.003772 3.32 229.83 544.23 0.36 RIVER-1 Reach-1 172 Max WS 360.60 124.00 126.84 126.85 0.00515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 171.* Max WS 360.77 124.00 126.64 126.77 0.00911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.65 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 169.* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.36 RIVER-1 Reach-1 169.* Max WS 360.13 123.25 126.43 126.67 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168.5* Max WS 359.42 123.00 126.36 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.30 0.00234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 356.09 122.55 126.15 126.22 126.26 0.001837 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166.5* Max WS 356.09 122.55 126.15 126.15 126.17 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166.5* Max WS 355.10 122.50 126.05 126.05 126.00 0.01280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 355.10 122.50 126.05 125.78 125.82 0.001820 2.43 348.47 691.58 0.29 RIVER-1 Reach-1 166.5* Max WS 351.10 120.00 125.59 125.66 125.68 0.001280 2.43 348.47 691.58 0.23 RIVER-1 Reach-1 166.5* Max WS 351.10 120.00 125.59 125.66 125.68 0.001280 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.59 125.66 125.68 0.001280 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.50 125.50 125.55 0.000200 2.72 321.23 662.67 0.26 RIVER-1 Reach		Reach-1	182	Max WS	322.78	126.00	128.82		128.85	0.001452	2.13		181.33	0.23
RIVER-1 Reach-1 178 Max WS 355.99 124.00 128.11 128.12 0.000627 1.41 435.18 428.35 0.15 RIVER-1 Reach-1 176 Max WS 358.81 124.00 127.47 127.57 0.003880 3.32 223.55 420.63 0.37 RIVER-1 Reach-1 174 Max WS 361.94 123.00 127.00 127.11 0.003772 3.32 229.83 544.23 0.36 RIVER-1 Reach-1 172 Max WS 360.69 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 171.* Max WS 360.77 124.00 126.66 126.77 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.63 126.67 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 39.42 123.00 126.36 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 167.5* Max WS 359.42 123.00 126.36 126.47 0.002217 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 167.5* Max WS 356.09 122.55 126.29 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 356.09 122.55 126.29 126.36 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.10 122.55 126.18 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.10 122.55 126.18 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 166.5* Max WS 355.10 122.55 126.05 126.05 126.08 0.00180 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.07 120.00 125.59 125.60 0.00180 2.44 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.07 120.00 125.59 125.60 0.00180 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 165.5* Max WS 351.07 120.00 125.59 125.60 0.00180 2.42 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.50 0.00203 2.72 331.23 661.56 0.31	RIVER-1	Paach-1	180		324.61	126.00	128.40		128.46	0.002844	2.51	207.47	273.25	0.31
RIVER-1 Reach-1 176 Max WS 361.14 123.00 127.00 127.01 127.11 0.003870 3.32 223.53 420.63 0.36 RIVER-1 Reach-1 172 Max WS 360.60 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 171.* Max WS 360.60 124.00 126.76 126.77 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.60 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 169.5* Max WS 360.13 123.25 126.58 126.60 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168 Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 357.10 122.50 126.22 126.26 0.001324 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.29 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.15 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.05 126.07 0.001380 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.05 126.07 0.001380 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 355.01 121.00 125.92 125.96 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 166.5* Max WS 351.00 121.00 125.92 125.58 0.001280 2.43 348.47 691.58 0.23 RIVER-1 Reach-1 164.5* Max WS 351.00 120.00 125.66 125.68 0.001247 1.91 4411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.60 0.001584 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.50 125.60 0.001584 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.50 125.50 0.00154 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.59 125.50 125.57 0.002913 3.35 257.34 661.56 0.31	RIVER-1	Reach-1	178	Max WS	355.99	124.00	128.11		128.12	0.000627	1.41	435.18	428.35	0.15
RIVER-1 Reach-1 172 Max WS 360.60 124.00 126.84 126.85 0.000515 1.13 595.28 736.73 0.13 RIVER-1 Reach-1 171.* Max WS 360.60 124.00 126.66 126.77 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 360.77 124.00 126.63 126.77 0.000911 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.60 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 169.5* Max WS 360.13 123.25 126.43 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168 Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 357.10 122.50 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 166.5* Max WS 351.00 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.19 1001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.19 1001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 351.00 121.50 126.15 126.10 0.001370 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166.5* Max WS 351.00 121.00 125.92 125.96 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 165.5* Max WS 351.00 121.00 125.92 125.96 0.001888 2.35 351.53 393.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.00 121.00 125.92 125.96 0.001880 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.92 125.66 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.59 125.65 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.59 125.65 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.59 125.65 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.59 125.57 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.37 125.4	RIVER-1	Reach-1	176	Max WS	358.81	124.00	127.47		127.57	0.003880	3.32	223.33	420.63	0.37
RIVER-1 Reach-1 171 Max WS 360.77 124.00 126.76 126.83 0.000311 1.47 502.91 766.13 0.18 RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.14 123.75 126.58 126.60 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 169.* Max WS 360.69 123.50 126.51 126.55 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 168.5* Max WS 360.69 123.50 126.51 126.55 0.002016 2.18 365.68 675.03 0.20 RIVER-1 Reach-1 168.5* Max WS 359.42 123.00 126.36 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 167.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.5* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 355.71 122.00 126.15 126.05 126.05 126.07 0.00188 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 165.5* Max WS 351.07 121.00 125.92 125.96 0.00188 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.92 125.86 0.00188 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.92 125.66 0.00188 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.92 125.66 0.00188 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.59 125.66 0.00188 2.35 351.53 593.86 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.50 125.66 0.00184 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.66 0.001547 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.50 125.50 125.50 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.50 125.50 125.57 0.002913 3.35 257.34 661.56 0.31	RIVER-1	Reach-1	1/4	Max WS	361.94	123.00	127.00		127.11	0.003772	3.32 1 12		736 73	0.30
RIVER-1 Reach-1 170 Max WS 361.21 124.00 126.63 126.65 0.001502 1.82 409.34 670.61 0.22 RIVER-1 Reach-1 169.5* Max WS 361.21 124.00 126.58 126.66 0.002016 2.18 365.68 675.03 0.26 RIVER-1 Reach-1 169.* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168 Max WS 350.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 357.10 122.50 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.5* Max WS 357.10 122.50 126.22 126.26 0.001824 2.59 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 355.71 122.00 126.18 126.17 0.000368 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.10 120.00 125.92 125.96 0.001588 2.35 351.35 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.60 0.001514 2.24 368.63 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.60 0.001514 2.24 368.63 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.60 0.001514 2.24 368.63 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.60 0.001514 2.24 368.63 677.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.67 0.001514 2.24 368.63 677.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.67 0.001514 2.24 368.63 677.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.67 0.001514 2.24 368.63 677.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31	KIVER-I	Reach-1	1/2 171 *	Max WS	360.00	124.00	120.04		120.03	0.000313	1.13	502 91		0.13
RIVER-1 Reach-1 169.5* Max WS 360.13 123.75 126.58 120.00 120.55 0.002016 2.18 363.68 675.03 0.26 RIVER-1 Reach-1 169.* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 120.75 120	KIVEK-I	Reach-1	171."	Max WS	361 21	124.00	126.70		126.65	0.000311	1.82	409.34	670.61	0.22
RIVER-1 Reach-1 169.* Max WS 360.69 123.50 126.51 126.55 0.002632 2.56 309.20 578.82 0.30 RIVER-1 Reach-1 168.5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168 Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002244 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 356.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.07 120.00 125.59 125.96 0.001588 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.60 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.60 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.50 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.57 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1		Max WS	361.14	123.75	126.58		126.60	0.002016	2.18	365.68	675.03	0.26
RIVER-1 Reach-1 168 5* Max WS 360.13 123.25 126.43 126.47 0.002517 2.55 297.41 496.58 0.29 RIVER-1 Reach-1 168 Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 356.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 355.01 121.50 126.05 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.01 121.50 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.07 120.50 125.78 125.92 125.96 0.001882 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.66 0.001514 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.66 0.001514 2.43 348.63 657.92 0.20 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.59 125.56 0.00230 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.24 120.00 125.50 125.55 0.00230 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	169.*	Max WS	360.69	123.50	126.51		126.55	0.002632	2.56	309.20	578.82	0.30
RIVER-1 Reach-1 168 Max WS 359.42 123.00 126.36 126.41 0.002497 2.58 302.33 542.46 0.29 RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 356.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000368 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 351.01 121.00 125.92 125.96 0.001588 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 165.5* Max WS 351.07 120.50 125.78 125.96 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.10 120.00 125.59 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.59 125.59 0.00230 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	168.5*	Max WS	360.13	123 25	126.43		126.47	0.002517	2.55	297.41	496.58	0.29
RIVER-1 Reach-1 167.5* Max WS 358.64 122.75 126.29 126.33 0.002234 2.55 310.85 552.37 0.28 RIVER-1 Reach-1 167.* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 126.12 126.12 126.12 126.26 0.001824 2.39 330.06 563.01 0.25 126.12 126.1		Reach-1	168	Max WS	359.42	123.00	126.36		126.41	0.002497	2.58	302.33	542.46	0.29
RIVER-1 Reach-1 167.* Max WS 357.10 122.50 126.22 126.26 0.001824 2.39 330.06 563.01 0.25 RIVER-1 Reach-1 166.5* Max WS 356.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 352.10 121.00 125.92 125.96 0.001588 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164.5* Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.50 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.57 125.47 0.002913 3.35 257.34 661.56 0.31	RTVFR-1	Reach-1	167.5*	Max WS	358.64	122.75	126.29		126.33	0.002234	2.55	310.85	552.37	0.28
RIVER-1 Reach-1 166.5* Max WS 356.09 122.25 126.18 126.21 0.001337 2.11 367.67 584.97 0.22 RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.05 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.5* Max WS 352.10 121.00 125.92 125.96 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.96 0.001880 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.56 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.55 0.001230 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 163.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31	RIVER-1	Reach-1	167.*	Max WS	357.10	122.50	126.22		126.26	0.001824	2.39	330.06	563.01	0.25
RIVER-1 Reach-1 166 Max WS 355.71 122.00 126.15 126.17 0.000968 1.85 416.88 624.96 0.19 RIVER-1 Reach-1 165.5* Max WS 354.01 121.50 126.05 126.08 0.001280 2.14 379.37 606.53 0.21 RIVER-1 Reach-1 165.* Max WS 352.10 121.00 125.92 125.96 0.001588 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.66 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31	RIVER-1	Reach-1	166.5*	Max WS	356.09	122.25	126.18		126.21	0.001337	2.11	36/.6/	584.9/	0.22
RIVER-1 Reach-1 165.5" Max WS 354.01 121.00 125.92 125.08 0.001588 2.14 379.57 006.53 0.23 RIVER-1 Reach-1 165.5" Max WS 352.10 121.00 125.92 125.96 0.001588 2.35 351.53 593.86 0.23 RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.66 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.5* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31	RIVER-1	Reach-1	166	Max WS	355.71	122.00	126.15		126.1/	0.000968	1.85	410.88 270 27	606 53	0.19 0.21
RIVER-1 Reach-1 164.5* Max WS 351.07 120.50 125.78 125.82 0.001820 2.43 348.47 691.58 0.24 RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		keacn-⊥	165.5*	Max WS	354.01	121.50	125.05		125.08	0.001280	2.14	3/3.3/ 351 53	593 86	0.21
RIVER-1 Reach-1 164 Max WS 351.10 120.00 125.66 125.68 0.001247 1.91 411.80 674.09 0.20 RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	103."	Max WS	332.1U 351 N7	120.50	125.94		125 82	0.001300	2.43	348.47	691.58	0.24
RIVER-1 Reach-1 163.5* Max WS 351.16 120.00 125.59 125.62 0.001514 2.24 368.63 657.92 0.22 RIVER-1 Reach-1 163.* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	164	Max WS	351.10	120.00	125.66		125.68	0.001247	1.91	411.80	674.09	0.20
RIVER-1 Reach-1 163.* Max WS 351.28 120.00 125.50 125.55 0.002030 2.72 321.23 662.67 0.26 RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	163.5*	Max WS	351.16	120.00	125.59		125.62	0.001514	2 24	368.63	657.92	0.22
RIVER-1 Reach-1 162.5* Max WS 351.44 120.00 125.37 125.47 0.002913 3.35 257.34 661.56 0.31		Reach-1	163.*	Max WS	351.28	120.00	125.50		125.55	0.002030	2.72	321.23	662.67	0.26
			162.5*		351.44	120.00	125.37		125.47	0.002913	3.35	257.34	661.56	0.31

RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	162 161.5* 161.* 160.5* 160	Max WS Max WS Max WS Max WS Max WS Max WS	351.51 351.32 351.16 350.98 351.06 351.36	120.00 120.12 120.25 120.38 120.50 120.25	KiteCreek.rep 125.12 124.88 124.78 124.70 124.66 124.58	125.38 125.12 124.91 124.77 124.69 124.60	0.005412 0.004875 0.003253 0.001805 0.000924 0.000795	4.56 4.20 3.35 2.44 1.72 1.57	132.97 131.82 200.32 292.59 404.09 412.73	430.12 418.90 574.33 604.51 629.46 660.40	0.43 0.42 0.34 0.26 0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	158 157.* 156 155.* 154 153.* 152 151.* 150 149.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	350.98 351.96 351.36 351.36 351.92 352.81 351.82 363.17 371.89 371.89 371.89 381.05 383.54 386.29 388.31 390.39 392.58 394.14 395.84 400.66 401.98 401.57 402.21 403.55 404.83 406.94 415.72 415.96 415.72 415.45 415.45 415.45 415.45 415.45 415.45 415.45 415.45 415.45 415.45 415.46 456.94 456.97 457.97	120.00 119.50 119.00 119.00 119.00 119.00 119.00	124.58 124.58 124.52 124.45 124.24 123.93 123.74 123.64 123.56 123.42	124.91 124.77 124.69 124.60 124.48 124.41 124.02 123.76 123.58 123.45 122.76 122.63 122.76 122.63 122.76 122.63 122.76 122.63 122.76 122.63 121.73 121.68 121.19 120.97 120.98 120.70 120.97 12	0.000654 0.000654 0.000981 0.003606 0.002671 0.001095 0.001199 0.001119 0.001644	1.38 1.85 3.16 1.99 2.11 1.96 2.78	446.50 371.79 191.80 264.86 431.30 426.06 448.57 399.99 275.08	715.67 724.45 671.41 640.75 684.79 776.61 867.67 846.22 732.00	0.15 0.17 0.15 0.19 0.36 0.30 0.19 0.21 0.20 0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	149.* 148 147.* 146 145.* 144 143.* 142 141.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	383.54 386.29 388.31 390.39 392.58 394.14 395.84 398.16	118.50 118.00 117.92 117.83 117.92 118.00 117.50 117.00	123.64 123.56 123.42 123.17 122.90 122.72 122.59 122.37 122.18 121.96 121.79 121.71 121.59 121.38	122.97 122.76 122.63 122.45 122.22 122.00 121.82 121.73	0.001644 0.004320 0.002745 0.002100 0.004460 0.001893 0.003248 0.000886 0.000994 0.001618 0.003264 0.003268	2.78 2.72 2.26 2.40 2.96 1.81 1.74 1.95 2.47 3.41	399, 275, 08 303, 40 384, 36 370, 69 307, 79 333, 40 301, 68 436, 26 518, 76	846.22 732.00 715.44 650.20 849.01 1003.99 946.26 696.60 880.27 878.71 910.37	0.24 0.37 0.31 0.23 0.27 0.37 0.25 0.30 0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	140 139.* 138 137.* 136 135.* 134	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	401.98 401.57 402.21 403.55 404.83 406.36 407.94 410.14	117.00 117.50 118.00 118.00 118.00 117.50 117.00	121.23 121.15 121.07 120.95 120.84 120.77 120.68	121.48 121.28 121.16 121.09 120.97 120.86 120.78 120.70	0.001189 0.001506 0.001083 0.000757	2.50 1.58 1.67 1.69 1.35 1.07 1.16	436.46 336.33 399.20 546.75 474.65 387.39 458.89 544.18 464.56	921.52 947.22 826.12 540.70 652.09 727.41 638.43	0.37 0.25 0.30 0.18 0.18 0.24 0.33 0.27 0.18 0.20 0.22 0.19
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	132 131.* 130 129.* 127.* 126 125.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	412.36 413.57 414.74 415.37 415.96 415.72 415.58 415.45	117.00 117.00 117.00 117.00 117.00 116.71 116.21 116.21	120.60 120.53 120.46 120.37 120.10 119.82 119.75 119.72 119.63 119.54 119.33	120.62 120.55 120.47 120.39 120.17 119.88 119.77 119.71	0.000731 0.000975 0.000975 0.001436 0.005376 0.00335	1.03 1.13 1.08 1.28 2.13 2.15 1.88 1.70	479.28 443.82 503.13 434.69 221.90 287.96 459.14 464.87 534.68	573.78 583.77 795.22 808.77 579.00 642.36 688.39 752.04 801.08	0.15 0.17 0.17 0.20 0.38 0.32 0.22 0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	125.* 124. 123.* 122. 121.* 120.* 119.* 118. 117.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	413.44 415.32 415.29 458.06 457.58 456.94 455.67 454.58 451.12	116.18 116.18 116.35 115.68 115.00 114.50 114.50	119.763 119.54 119.33 119.16 119.01 118.71 118.64 118.52 118.37	119.64 119.57 119.38 119.20 119.08 118.90 118.71 118.59	0.001415 0.001012 0.001299 0.001673 0.002749 0.001466 0.002011 0.003399 0.001291 0.001291 0.001582 0.001582	1.30 1.59 1.82 2.50 2.21 2.89 4.11 2.28 2.17 1.79	483.42 467.61 352.70 416.14 326.96 209.46 284.77 268.28 277.76	804.72 931.14 595.56 582.17 435.02 264.49 308.82 345.71 355.31	0.21 0.24 0.30 0.23 0.30 0.44 0.27 0.32 0.29 0.26 0.17 0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	115.* 114 113.* 112.05 112 111.95	Max WS Max WS Max WS Max WS Max WS	440.78 419.29 389.51 698.81 698.72 Lat Struct 698.52 698.16	114.50 114.00 113.00 112.00 112.00	118.13 118.13 118.12		0.001233	1.43 1.19 2.17 2.17	310.58 336.32 348.10 345.40	398.98 295.44 411.07 409.36 350.09	
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	110 109.5* 109.* 108.5* 108 107.* 106 105.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	698.54 698.39 698.08 698.26 698.58 698.90	113.00 114.00 113.75 113.50 113.25 113.00 112.00 111.00 110.50	117.99 117.86 117.70 117.54 117.41 117.30 117.22 117.18 117.09	118.06 117.92 117.81 117.69 117.58 117.47 117.34 117.26 117.12	0.001767 0.002158 0.002988 0.002646 0.002529 0.002283 0.001528 0.001996 0.001309	2.18 2.10 2.90 3.47 3.67 3.68 3.14 2.78 3.16	361.13 425.36 348.60 323.93 328.97 349.77 422.67 532.21 488.79	466.37 393.42 366.01 379.02 402.92 450.07 556.41 516.66	0.30 0.32 0.39 0.39 0.37 0.31 0.25
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	103. 104 103.75* 103.5* 103.25* 103.*	Max WS Max WS Max WS Max WS Max WS	700.13 700.07 700.13 700.07 700.26	110.00 110.00 110.00 110.00 110.00	116.99 116.98 116.97 116.97 116.96	117.12 117.10 117.09 117.06 117.04	0.001309 0.001383 0.001453 0.001698 0.001537	3.44 3.48 3.47 3.12 2.86	468.56 468.77 473.13 485.94 508.65	480.52 478.16 477.40 489.99 500.65	0.28 0.28 0.29 0.31 0.29

						KiteC 116.95 116.95 116.95 116.95 116.91 116.87 116.63 116.49 116.33 116.20 116.08 115.98 115.98 115.98	reek rep						
RIVER-1 RIVER-1	Reach-2 Reach-2	102.75* 102.5* 102.25*	Max WS Max WS	700.19	$110.00 \\ 110.00$	116.95		117.02 117.01 117.00 116.99 116.95 116.69 116.54 116.41 116.27 116.15 116.04 115.97 115.95	0.001275 0.000963	2.69 2.54	535.15 593.49 663.92 726.77 725.51 707.51 650.74 654.85 550.03 546.14 560.64 646.26 964.40 1244.66 737.85	510.19 566.81	0.27 0.24
RIVER-1	Reach-2	102.3*		676.09	110 00	116.95		117.01		2.28	663.92	561.89	0.24
RIVER-1 RIVER-1 RIVER-1	Reach-2	102	Max WS	631.13	110.00 110.50 111.00	116.96		116.99	0.000444	2.01 2.25 2.32	726.77	561.89 557.42 555.41 550.25	0.17
RIVER-1	Reach-2	101.* 100	Max WS	701.27	110.50	116.91		116.95	0.000581	2.25	725.51	555.41	0.19
RIVER-1	Reach-2	100	Max WS	702.18		116.87		116.91	0.000645	2.32	707.51	550.25	0.20
RIVER-1 RIVER-1	Reach-2	98 96	Max WS Max WS	708.09 711 61	110.00	116.03		116.69	0.000/1/	2.46	650.74 654.85	545.22 520.69	0.21
RIVER-1	Reach-2	94	Max WS	714.75	109.00	116.33		116.41	0.000776	2.73	550.03	484.84	0.22
RIVER-1 RIVER-1	Reach-2	94 92 90	Max WS	717.92	109.00	116.20		116.27	0.000612	2.48 2.45 2.73 2.51 2.42	546.14	413.48	0.20
RIVER-1	Reach-2	90 88	Max WS	721.15	108.00	116.08		116.15	0.000625	2.42	560.64	445.42	0.20
RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	90 86	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	724.29 726.69	111.00 110.00 109.00 109.00 108.00 109.00 107.00 108.00	115.96		115.04	0.000648 0.000444 0.000581 0.000645 0.000672 0.000776 0.000612 0.000612 0.000487 0.000106 0.000155 0.000582	2.30 1.27 1.19 2.14 2.11	040.20 964.40	530.25 545.22 520.69 484.84 413.48 445.42 416.86 464.07	0.20 0.17 0.19 0.20 0.21 0.21 0.22 0.20 0.18 0.09 0.10 0.19 0.18
RIVER-1	Reach-2	84	Max WS	727.88	108.00	115.94		115.95	0.000155	1.19	1244.66	706.33	0.10
RIVER-1	Reach-2	86 84 82 81.56	Max WS	743.78	109.00	115.87		115.92	0.000582	2.14	737.85 331.00	784.58	0.19
RIVER-1	Reach-2	81.56	Max WS	698.08	108.22	115.81	112.13	115.88	0.000790	2.11	331.00	79.59	0.18
RIVER-1 RIVER-1	Reach-2	81.33 81.30	Max WS	Br1age 740 49	108 96	115 06		115 33	0.005208	4 16	178 13	64.12	0 44
DTV/ED_1	Reach-2	81.125*	Max WS	740.68	108.96 108.90	115.06 115.09 115.12		115.33 115.27 115.25	0.005208 0.001601 0.000919	4.16 3.36 2.87	178.13 220.57 258.57	63.06	0.44 0.32 0.24
RIVER-1	Reach-2	80.95	Max WS	740.87	108.83	115.12	112.14	115.25	0.000919	2.87	258.57	60.85	0.24
RIVER-1	Reach-2	80.94		Bridge	100 67	115 00		115 22	0.001012		251 05	62.20	
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	81.55 81.30 81.125* 80.94 80.94 80.38 80.1312* 79.8825* 79.6337* 79.1362* 79.1362* 78.6387* 78.6387* 78.6387* 77.16566* 77.4122* 77.1667* 76.9233* 76.6788* 76.4344* 76.19 75.86 75.86 75.1666* 74.9333* 74.74 74.4666* 74.2333*	Max WS Max WS	740.49 740.49	108.67 108.59 108.50 108.42 108.33 108.25 108.17 108.08 108.00 107.87 107.87	115.09 115.06 115.02 114.98 114.93 114.91 114.91 114.91 114.91 114.90 114.88 114.88 114.87 114.84 114.82 114.73		115.22 115.20 115.17 115.14 115.08 115.04 115.00 114.97 114.96 114.93 114.93 114.92 114.92 114.92 114.92	0.001012 0.001070 0.001134 0.001212 0.001298 0.001370 0.000961 0.000643 0.000571 0.000439 0.000351 0.000351 0.000469 0.000469 0.000593	2.94 3.04 3.14	251.95 243.85 235.56 226.91 218.24 211.23 420.03 531.30 527.62 655.18 754.95 825.76 874.65 819.91 771.98	62.28 59.71 57.12 54.54	0.26 0.26 0.27 0.28 0.29 0.30 0.25 0.21 0.20 0.17 0.15 0.15 0.15
RIVER-1	Reach-2	79.8825*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	740.49	108.50	115.02		115.17	0.001070	3.14	235.56	57.12	0.27
RIVER-1 RIVER-1	Reach-2	79.6337*	Max WS	740.10	108.42	114.98		115.14	0.001212	3.14 3.26 3.39 3.54 3.06 2.59 2.52 2.21 2.04 1.97	226.91	54.54	0.28
RIVER-1	Reach-2	79.3849*	Max WS	739.90	108.33	114.93		115.11	0.001298	3.39	218.24	51.95 397.64 405.96	0.29
RIVER-1	Reach-2	79.1362° 78.8875*	Max WS Max WS	739.90 739.89	108.25	114.00 114 91		115.08	0.001370	3.34	420 03	397.04 405.96	0.30
RIVER-1	Reach-2	78.6387*	Max WS	740.05	108.08	114.92		115.00	0.000643	2.59	531.30	366.04	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	78.39	Max WS	740.04	108.00	114.91		114.97	0.000571	2.52	527.62	366.04 314.54 394.13 472.46 549.96	0.20
RIVER-1	Reach-2	78.1455*	Max WS	739.89	107.93	114.91		114.96	0.000439	2.21	655.18	394.13	0.17
RIVER-1	Reach-2	77.9011* 77.6566*	Max WS Max WS	740.02 739.88	107.87	114.91		114.94	0.000377	1.97	734.93 825 76	549.96	0.16
RIVER-1	Reach-2	77.4122*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	739.88	107.80 107.73 107.67 107.60 107.53 107.47 107.40 107.22	114.89		114.93	0.000342	1.94	874.65	627.19 683.19 721.73	0.15
RIVER-1 RIVER-1	Reach-2	77.1677*	Max WS	739.87	107.67	114.88		114.92	0.000411	1.94 2.11 2.25	819.91	683.19	0.17
RIVER-1	Reach-2	76.9233*	Max WS	739.87	107.60	114.87		114.92	0.000469	2.25	771.98	721.73 715.13	0.18
RIVER-1	Reach-2	76.0788*	Max WS Max WS	739.85	107.33	114.82		114.92	0.000393	2.74	655.98 540.95 460.67 246.54	630.20	0.20
RIVER-1	Reach-2	76.19	Max WS	739.85	107.40	114.79		114.90	0.000793 0.000839	2.87	460.67	630.20 524.65 269.72	0.22 0.23 0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	75.86	Max WS	739.84	107.22	114.73	111.16	114.87		3.00	246.54		0.24
KTAFK-T	Reach-2	75.85		Bridge		11/ 52		114 67	0.001142 0.001017 0.000969 0.000957 0.000963 0.000958 0.000939 0.000704 0.000542 0.000445 0.000381	3 00	246 20	79.86 175.19 340.33 589.36 774.93 919.66 1066.43 1102.17 1144.37 1182.72 1215.02 414.54	0.27
RIVER-1 RIVER-1	Reach-2	75.1666*	Max WS Max WS Max WS Max WS Max WS Max WS	739.80	106.69	114.53		114.64	0.001142	3.00 2.73 2.54 2.40 2.27 2.13 1.97 1.86 1.78	276.48	175.19	0.27 0.25 0.24 0.24 0.23 0.23 0.20 0.18 0.17 0.16 0.27
RTVFR-1	Reach-2	74.9333*	Max WS	739.80	106.75	114.52		114.62	0.000969	2.54	314.39	340.33	0.24
RIVER-1 RIVER-1 RIVER-1	Reach-2	74.7*	Max WS	739.79	106.82	114.52		114.60	0.000957	2.40	367.58	589.36	0.24
RIVER-1	Reach-2	74.4666*	Max WS	739.79	106.88	114.50		114.58	0.000963	2.27	441.84	//4.93 010 66	0.24
RIVER-1 RIVER-1	Reach-2	74.2333" 74	Max WS Max WS	739.76	107.00	114.49		114.53	0.000938	1.97	652.37	1066.43	0.23
RIVER-1 RIVER-1	Reach-2	74.2333 74 73.5* 73.* 72.5* 72 71.5*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	739.70	107.21	114.45		114.49	0.000704	1.86	738.25	1102.17	0.20
RIVER-1	Reach-2	73.*	Max WS	739.67	107.43	114.43		114.46	0.000542	1.78	841.69	1144.37	0.18
RIVER-1	Reach-2	72.5*	Max WS	739.46	107.65	114.41		114.44	0.000445	1.73 1.71 2.97 2.77	940.06	1182.72	0.17 0.16
RIVER-1	Reach-2	71.5*	Max WS Max WS	938.65	107.65	114.28		114.41	0.001285	2.97	419.71	414.54	0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	71.* 70.5* 70 69.*	Max WS	938.63	107.44	114.22		114.34	0.001139	2.77	359.62	169.37	0.24
RIVER-1	Reach-2	70.5*	Max WS	938.50	107.24	114.19		114.29	0.000883	2.45	387.03	110.14	0.21
RIVER-1	Reach-2	70 60 *	Max WS	938.50	107.03	114.18		114.25	0.000/10	2.15	436./3	96.07 85 91	0.18
RIVER-1 RIVER-1	Reach-2	68."	Max WS Max WS	930.49	107.55	113.96		114.17	0.000863	2.62	357.79	110.14 96.07 85.91 83.10	0.22
RTVER-I	Reach-2	68 67.5*	Max WS	938.26	107.54	113.90		114.01	0.001294	2.85	366.37		0.24
RIVER-1	Reach-2	67	Max WS	938.13	107.40	113.79		113.94	0.001755	3.21	324.84	121.80	0.28
RIVER-1	Reach-2	67 66 65.*	Max WS	937.86	107.40	113.58		113.75	0.002111	3.42	300.05	114.31 128 23	0.30
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	64	Max WS Max WS Max WS Max WS	937.71	106.63 106.69 106.75 106.82 106.88 106.94 107.00 107.21 107.43 107.65 107.44 107.03 107.35 107.68 107.54 107.40 107.20 107.00	113.31		113.43	0.001285 0.001139 0.000883 0.000710 0.000863 0.001141 0.001294 0.001755 0.002111 0.001582 0.001132 0.001260 0.001407	2.74	341.59	121.80 114.51 128.23 102.83 111.06	0.27
RIVER-1	Reach-2	64 63.5*	Max WS	937.40	106.90	113.25		113.37	0.001260	2.75	340.43	111.06	0.28
RIVER-1	Reach-2	63 *	Max WS	937.23	106.81	113.19		113.31	0.001407	2.77	338.92	119.76 129.11 139.73	0.29
RIVER-1	Reach-2	62.5*	Max WS Max WS	937.06	106.71	113.11		113.23 112 15	0.001560 0.001687	2.77	338.23 338 90	129.11 130 73	0.30 0.31
RIVER-1 RIVER-1	Reach-2 Reach-2	0∠." 61.5*	Max WS Max WS	700. 19 697. 17 676. 09 631. 13 701. 27 702. 18 708. 09 711. 61 714. 75 717. 92 721. 15 724. 29 726. 69 726. 69 727. 88 743. 78 698. 08 8740. 49 740. 49 740. 49 740. 10 739. 90 739. 90 739. 89 740. 05 740. 05 740. 05 740. 87 87 87 88 739. 88 739. 88 739. 88 739. 88 739. 88 739. 87 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 80 739. 85 739. 86 739. 87 739. 86 739. 87 739. 86 739. 87 739. 86 739. 87 739. 86 739. 87 739. 86 739. 87 739. 80 739. 80 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 79 739. 70 739. 40 937. 40	106.62 106.53	114.53 114.53 114.52 114.52 114.50 114.49 114.48 114.45 114.43 114.28 114.28 114.28 114.19 114.18 113.96 113.96 113.79 113.79 113.11 113.25 113.13 113.25 113.11 113.03 112.96 112.89		114.67 114.62 114.60 114.58 114.56 114.53 114.49 114.46 114.44 114.41 114.34 114.25 114.07 114.07 114.07 113.94 113.75 113.37 113.37 113.37 113.37	0.001615	2.45 2.15 2.38 2.62 2.85 3.42 2.97 2.74 2.75 2.77 2.76 2.74 2.64	246. 29 276. 48 314. 39 367. 58 441. 84 540.95 652. 37 738. 25 841. 69 940. 06 1041. 05 419. 71 359. 62 387. 03 436. 73 394. 59 357. 79 366. 37 324. 84 300. 05 322. 32 341. 59 340. 43 338. 25 338. 92 338. 92 338. 92 338. 90 342. 28	146.51	0.18 0.20 0.22 0.24 0.28 0.30 0.28 0.27 0.28 0.29 0.30
RIVER-1	Reach-2	62.5* 62.* 61.5* 61.*	Max WS	936.31	106.43	112.89		113.00	0.001466	2.64	358.10	158.24	0.29

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RIVER-1	Reach-2	60.5*	Max WS	936.10	106.33	112.83	•	112.93	0.001297	2.51	379.25	170.34	0.27
RIVER-1	Reach-2	60	Max WS	935.89	106.24	112.78		112.87	0.001114	2.37	406.50	182.92	0.26
RIVER-1	Reach-2	59.*	Max WS	935.67	106.07	112.69		112.77	0.000860	2.33	416.86	180.21	0.23
RIVER-1	Reach-2	58	Max WS	935.45	105.90	112.64	400.00	112.71	0.000469	2.15	582.00	446.81	0.18
RIVER-1	Reach-2	57.2	Max WS	935.25	107.05	112.53	109.93	112.66	0.001211	3.04	415.96	392.34	0.28
RIVER-1	Reach-2	57.19		Bridge	107.05	112.40		112.56	0.001573	3.35	350.33	365.25	0.32
RIVER-1	Reach-2	56.9	Max WS	934.69	107.05			112.45		2.23	474.80	340.13	0.32
RIVER-1	Reach-2	56	Max WS	934.48	105.90	112.37			0.000595		568.05	538.69	
RIVER-1	Reach-2	54	Max WS	934.30	105.80	112.28		112.33	0.000593 0.000734	1.85 2.02	674.93	299.24	$\substack{0.19\\0.18}$
RIVER-1	Reach-2	52 50.*	Max WS	1007.60 1005.97	105.60 105.54	$112.09 \\ 111.90$		112.13 111.97	0.000734	2.46	597.05	272.46	0.18
RIVER-1	Reach-2		Max WS			111.70		111.78	0.000983	2.77	565.53	244.93	0.22
RIVER-1	Reach-2	48 46.*	Max WS	1004.32 1003.31	105.47 105.88	111.70		111.78	0.000671	2.77	718.64	314.15	0.24
RIVER-1 RIVER-1	Reach-2 Reach-2	46.° 44	Max WS Max WS	1003.31	106.29	111.46		111.50	0.000444	1.99	880.94	387.39	0.17
RIVER-1	Reach-2	44.*	Max WS Max WS	1002.39	106.29	111.37		111.41	0.000444	2.09	793.33	366.92	0.18
RIVER-1	Reach-2	40	Max WS	1001.66	106.33	111.26		111.31	0.000526	2.16	731.89	361.65	0.19
RIVER-1	Reach-2	38.*	Max WS	1001.61	106.01	111.20		111.22	0.000328	1.68	988.21	429.25	0.14
RIVER-1	Reach-2	36	Max WS	1001.49	105.68	111.14		111.17	0.000295	1.68	1032.46	482.11	0.14
RIVER-1	Reach-2	35.22	Max WS	1001.50	104.52	110.99		111.15	0.001055	3.23	309.67	68.58	0.27
RIVER-1	Reach-2	34.82	Max WS	1001.48	104.52	110.94	107.71	111.11	0.001086	3.27	306.51	68.31	0.27
RIVER-1	Reach-2	34.81	Max 115	Bridge	20				***************************************	•			
RIVER-1	Reach-2	34.34	Max WS	1001.36	104.30	110.42		110.75	0.003271	4.64	216.01	64.98	0.45
RIVER-1	Reach-2	33.67*	Max WS	1001.29	104.12	110.39		110.59	0.001683	3.59	278.79	75.36	0.33
RIVER-1	Reach-2	33	Max WS	1001.29	103.93	110.40		110.50	0.000738	2.58	495.45	442.85	0.22
RIVER-1	Reach-2	32.*	Max WS	1001.27	103.40	110.34		110.42	0.000746	2.38	514.76	483.46	0.22
RIVER-1	Reach-2	31.*	Max WS	1001.26	102.88	110.23		110.32	0.001107	2.49	465.78	515.66	0.26
RIVER-1	Reach-2	30	Max WS	1001.24	102.35	109.96		110.12	0.003316	3.24	309.19	162.68	0.41
RIVER-1	Reach-2	28.*	Max WS	1000.92	102.33	109.29		109.50	0.003538	3.72	352.92	638.84	0.44
RIVER-1	Reach-2	26	Max WS	1000.60	102.32	108.93		109.00	0.001594	2.91	767.97	888.43	0.30 0.37
RIVER-1	Reach-2	24.*	Max WS	1000.29	101.66	108.60		108.70	0.002563	3.26	607.05	720.52	0.37
RIVER-1	Reach-2	22	Max WS	999.95	101.00	108.26		108.32	0.002264	2.66	748.93	958.82	0.34
RIVER-1	Reach-2	20.*	Max WS	999.40	101.54	107.90		107.96	0.002293	2.84	718.27	755.63	0.34
RIVER-1	Reach-2	18	Max WS	997.99	102.09	107.55		107.61	0.001984	3.04	742.96	701.16	0.33 0.28
RIVER-1	Reach-2	16.*	Max WS	994.73	101.85	107.29		107.32	0.001458	2.66	998.72 1615.13	1184.92 1221.15	0.28
RIVER-1	Reach-2	14	Max WS	992.82	101.61	107.15		107.16 107.11	0.000383 0.000219	1.22 0.92	1921.97	1215.91	0.14
RIVER-1	Reach-2	12.*	Max WS	992.28	101.26	107.11		107.11	0.000219	0.78	2247.83	1170.79	0.08
RIVER-1	Reach-2	10	Max WS	992.03	100.90	107.08 106.68		107.09	0.002173	3.70	726.49	1157.61	0.36
RIVER-1	Reach-2	6	Max WS	989.43	100.30 99.70	106.68		106.26	0.002173	3.14	1030.36	2073.23	0.30
RIVER-1	Reach-2	0	Max WS	986.92 986.77	99.70 99.40	106.18	103.66	106.26	0.001371	3.14	605.75	720.81	0.32
RIVER-1	Reach-2	U	Max WS	900.//	33.40	103.93	103.00	100.07	0.001033	3.33	003.73	720.01	0.32

Appendix P-10: HEC-RAS Results, Anatolia III – Alternative 'B' Model, 100-Year, 24-Hour Storm

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

х	х	xxxxxx	XX	xx		xx	xx	х	X	xxxx
X	X	X	X	×		X	X	X	X	X
X	X	X	X			Х	Х	Х	Х	X
XXX	XXXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
X	X	X	X			Х	Х	X	Х	X
X	X	X	X	Х		Х	Х	Х	Х	X
v	v	WWW	W	W		Y	Y	Y	Y	YYYYY

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/14/2010 7:59:10 AM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2	Reach-1 Reach-1	River Sta 11900 11850.* 11800 11750.* 11700.* 11650.* 11600 11550.* 114400 11350.* 11400 11250.* 11400 11550.* 11000 11550.* 11000 11050.* 11000 10887.5* 10662.5* 10550 10490.* 10430.* 10370.*	Profile Max WS	Q Total (cfs) 585.19 583.68 583.67 582.20 582.20 582.18 580.75 579.34 579.33 580.71 577.96 577.95 579.30 577.95 577.94 579.23 577.92 577.91 577.84 578.95 577.88									Froude # Ch1 0.04 0.03 0.03 0.03 0.03 0.03 0.03 0.0
RIVER-2	Reach-1	10310.*	Max WS	577.74 578.66	150.40 150.00	162.96 162.96		162.96 162.96	0.000001	0.07 0.07	8192.60 8734.65	1107.08 1172.15	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	10250 10200.*	Max WS Max WS	577.69	150.00	162.96		162.96	0.000001	0.07	8116.19	1039.24	0.00
RIVER-2	Reach-1	10150	Max WS	578.57	150.00	162.96		162.96	0.000001	0.08	7519.54	875.19	0.00
RIVER-2	Reach-1	10100.*	Max WS	578.51	150.00	162.96		162.96	0.000001	0.08	7194.57	880.30	0.00
RIVER-2	Reach-1	10050	Max WS	577.66	150.00	162.96		162.96	0.000001	0.08	6913.95	801.74	0.01
RIVER-2	Reach-1	10000.*	Max WS	577.64	150.00	162.96		162.96	0.000001	0.08	7183.96	818.92	0.00 0.00
RIVER-2	Reach-1	9950	Max WS	576.81	150.00	162.96		162.96	0.000001	0.08	7473.50	842.51	0.00

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RIVER-2	Reach-1	9900.*	Max WS	577.61 577.55 577.55 577.47 577.44 577.44 577.49 577.35 576.96 577.27 577.27 577.20 576.96 577.10 576.96 577.00 576.99	150.00 150.00	162.96		162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96	0.000001	0.07	8296.15 9013.32	1100.69 1239.75 1484.39 1502.95 1536.93 1580.25 1717.03 1789.58 1800.75	0.00
RIVER-2	Reach-1	9850	Max WS	577.59	150.00	162.96		162.96	0.000000	0.06	9013.32	1239.75	0.00
RIVER-2	Reach-1	9800.* 9750	Max WS	5//.55	150.00	162.96		162.96	0.000001	0.06	8960.36	1484.39	0.00
RIVER-2	Reach-1		Max WS	3//.3L	150.00 149.36	162.90		162.90	0.000001	0.06 0.06	9288.77 10012.04	1502.93	0.00
RIVER-2 RIVER-2	Paach-1	96/0	Max WS Max WS Max WS	577 44	149.30	162.90		162.90	0.000000 0.000000 0.000000 0.000000	0.05		1530.95	0.00 0.00 0.00
DT\/ED_2	Paach-1	9550 *	May WS	577 42	148.73 148.36	162.96		162.96	0.000000	0.04	13184 83	1717 03	0.00
RTVER-2	Reach-1	9500	May WS	577.39	148.00	162.96		162.96	0.000000	0.04	15653 31	1789 58	0.00
RIVER-2	Reach-1	9450.*	Max WS	577.35	147.00	162.96		162.96	0.000000	0.03	16670.80	1800.26	0.00
RIVER-2	Reach-1	9400	Max WS	576.96	146 00	162.96		162.96	0.000000 0.000000	0.03	18015.25	1805.75	0.00 0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	9350.*	Max WS Max WS Max WS Max WS Max WS	577.63	145.51 145.02 144.51	162.96		162.96	0.000000	0.03	17410.99	1736.53	0.00
RIVER-2	Reach-1	9300	Max WS	577.27	145.02	162.96		162.96	0.000000	0.03	16666.64	1632.54	0.00
KTAFK-7	Reach-1	9200.*	Max WS	577.20	144.51	162.96		162.96	0.000000	0.04	15513.66	1455.02	0.00
RIVER-2 RIVER-2	Reach-1	9100	Max WS Max WS	576.97	144.00	162.96		162.96	0.000000	0.04	14310.55	1278.82	0.00
KIVER-Z	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9675.* 9600 9550.* 9500 9450.* 9400 9350.* 9300 9200.* 9100 9050.* 9000 8900.*	Max WS	5/6.96	144.00	162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96 162.96		162.96	0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000	0.04	10824.31 13184.83 15653.31 16670.80 18015.25 17410.99 16666.64 15513.66 14310.55 13821.78 13409.87 13745.10 13928.92 13160.82	1800 . 26 1805 . 75 1736 . 53 1632 . 54 1455 . 02 1278 . 82 1175 . 89 1056 . 40 1023 . 56 976 . 78 995 . 56	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	9000 *	Max WS	577.10 576.06	144.00 143.08	162.90		162.96	0.000000	0.04 0.04	13409.87	1036.40	0.00
DIVED~2	Peach-1	8800	May WS	577.30	143.00	162.90		162.90	0.000000	0.04	13028 02	076 78	0.00
RTVER-2	Reach-1	8700.*	Max WS	577.00	142.16 143.70	162.96		162.96	0.000000	0.04	13160.82	995.56	0.00
RIVER-2	Reach-1	8800 8700.* 8600	Max WS Max WS Max WS Max WS Max WS	576.99	145.24	162.96	145.97	162.96	0.000000	0.05	12638.70	998.30	0.00
RIVER-2	Reach-1	8500		Inl Struct									
RIVER-2	Reach-1	8450	Max WS	576.98	140.56	154.30		154.48	0.003526	3.37	171.33	35.55	0.27
RIVER-2	Reach-1	8350	Max WS	579.70	140.09	153.90		154.09	0.004328	3.51	164.97	35.63 36.17	0.29
RIVER-2	Reach-1 Reach-1	8250.*	Max WS Max WS Max WS	582.42	139.60	153.46		153.66	0.004401	3.37 3.51 3.53 3.54	165.02	36.17	0.27 0.29 0.29 0.30 0.30
RIVER-2	Reach-1	8150.*	Max WS	585.15	139.11	153.02		153.22	0.004498	3.54	165.13	36.89	0.30
RIVER-2	Reach-1	8050.*	Max WS	587.86	138.62	152.57		152.//	0.004608	3.56	165.24	37.64	0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7950.* 7850.*	Max WS Max WS Max WS Max WS Max WS	590.60	138.13 137.64	152.11		152.31	0.004687	3.57 3.58	165.40	38.16 38.53	0.30
DIVED-2	Peach-1	7750 *	Max WS	596.07	137.04	151.03		151 38	0.004732	3.58	166 34	38 83	0.30
RTVER-2	Reach-1	7650 *	Max WS	598.80	136.66	150.70		150.90	0.004799	3.59 3.59	166.79	39.04	0.31
RIVER-/	Reach-1	7550.*	Max WS	601.53	136.17	150.23		150.43	0.004796	3.59	167.51	39.17	0.31
RIVER-2	Reach-1	7450.*	Max WS	604.26	137.15 136.66 136.17 135.68	149.75		149.96	0.004783	3.59	168.31	39.25	0.31
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	8350 8250.* 8150.* 8050.* 7950.* 7850.* 7550.* 7550.* 7450.* 7250.* 7250.* 6850.* 6850.* 6650.* 6650. 6466.66* 6383.33*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	606.99	135.19 134.70 134.21 133.72	149.28		149.48	0.004748	3.59	164.97 165.02 165.13 165.24 165.46 165.87 166.34 166.79 167.51 168.31 169.29 170.10 169.59 168.15 166.10 161.89 153.76 143.49 162.60 180.25 171.14	38.83 39.04 39.17 39.25 39.27 39.46	0.30 0.30 0.31 0.31 0.31 0.30 0.30 0.32 0.33 0.34 0.35 0.40 0.43 0.43 0.40 0.35 0.40 0.36 0.44 0.35
RIVER-2	Reach-1	7250.*	Max WS	609.69	134.70	148.80		149.00	0.004747	3.58	170.10	39.46	0.30
RIVER-2	Reach-1	7150.*	Max WS	612.16	134.21	148.29		148.49	0.004857	3.61	169.59	39.54 41.76	0.31
RIVER~/	Reach-1	7050.*	Max WS	614.11	133.72	147.74		147.95	0.005309	3.65	168.15	41.76	0.32
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	6950.*	Max WS	603.54	133.23 132.74	147.17		147.38	0.005708	3.65 3.63 3.57 3.65	165.10	44.62 47.33 48.41	0.33
RIVER-2	Reach-1	6750.°	Max WS	509.30 501 11	132.74	146.01		146.01	0.003908	3.37	161.89	47.33	0.34
RTVER-2	Reach-1	6650 *	Max WS	626.22	131.76	145.27		145.53	0.008428	4.07	153.76		0.40
RIVER-2	Reach-1	6550	Max WS	628.86	131.27	144.50		144.80	0.010107	4.38 3.88 3.51 3.71	143.49	43.90 43.90 56.09 51.83 38.70 35.73 27.96 41.97	0.43
RIVER-2	Reach-1	6466.66*	Max WS	631.11	132.84	143.84		144.07	0.007713	3.88	162.60	56.09	0.40
RTVFR-2	Reach-1	6383.33*	Max WS	633.37	134.40	143.38		143.57	0.004517	3.51	180.25	51.83	0.33
RIVER-2 RIVER-2 RIVER-2	Reach-1	6300 6250 6200 6000.* 5800.*	Max WS Max WS Max WS Max WS Max WS	635.66	135.97	143.03		143.24	0.003453	3.71	171.14	38.70	0.31
RIVER-2	Reach-1	6250	Max WS	637.02	136.00	142.76		143.04	0.004842	4.23	150.48 122.91	35.73	0.36
RIVER-2	Reach-1	6200	Max WS	638.39	135.00	142.31		142./3	0.00/46/	5.19 3.94	163.60	27.96 41.07	0.44
RIVER-2	Reach-1	6000.*	Max WS	043.80 F20 60	134.50 134.00	141.27		141.31	0.004552	2.70	103.00	58.46	0.33
RIVER-2	Reach-1	5600.*	Max WS	530.00 651 04	133.50	130 04		140.00	0.002476	2.70 2.60	199.20 251.77 82.60	146.87	0.20
DIVER-2	Reach-1	5400	Max WS	656.00	133 00	136.77		137.75	0.003341	7.94	82.60	28.47	0.82
RIVER 2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	5304.54*	Max WS	658.43	132.73 132.45 132.18 131.91	135.64		135.94	0.009719	4.41	149.41 202.23 245.48 283.52 317.02 346.54 373.90 397.00 411.82	60.33	0.49
RIVER-2	Reach-1	5209.09*	Max WS	660.86	132.45	135.01		135.18	0.006307	3.27	202.23	93.40	0.39
RIVER-2	Reach-1	5113.63*	Max WS	663.27	132.18	134.53		134.65	0.004997	2.70	245.48	127 15	0.34
KTAFK-7	Reach-1	5018.18*	Max WS	665.70	131.91	134.14		134.22	0.004285	2.35 2.11	283.52	161.85 197.67 236.08 279.78 329.88 388.92	0.31
RIVER-2	Reach-1	4922.72*	Max WS	668.15	131.64	133.78		133.85	0.003878	2.11	317.02	197.67	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1	4827.27*	Max WS	670.59	131.36	133.45		133.51	0.0036/6	1.94	346.54	236.08	0.28
RIVER-2	Reach-1	4/31.81*	Max WS	6/3.03	131.09 130.82	133.13		133.10	0.003606	1.80 1.70	3/3.90	2/9./6	0.27
KIVEK-Z	Reach 1	4030.30° 4540.00*	May WS	677.00	130.02	132.60		132.03	0.003030	1.65	411 82	388 92	0.28
RIVER-2	Reach-1 Reach-1	5400 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45* 4350 4285.71* 4221.42* 4157.14* 4092.85* 4028.57*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	680 33	130.55 130.27	132.07		132.11	0.004710	1.65 1.63 2.26 2.09	416.47 301.51 327.57 341.04 378.51 426.20	441.50 455.06 473.67 463.68 470.92 482.94	0.21 0.28 0.27 0.27 0.28 0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	4350	Max WS	682.78	130.00	131.45		131.53	0.014491	2.26	301.51	455.06	0.49
RIVER-2	Reach-1	4285.71*	May MS	684.28	129.57	131.01		131.08	0.011655	2.09	327.57	473.67	0.44
RIVER-2	Reach-1	4221.42*	Max WS Max WS Max WS	685.78	129.14	130.63		130.70	0.009941	2.01	341.04	463.68	0.41
KTAFK-7	Reach-1	4157.14*	Max WS	687.28	128.71 128.29	130.32		130.37	0.007202	1.82	378.51	470.92	0.36
RIVER-2	Reach-1	4092.85*	Max WS	688.77	128.29	130.08		130.12	0.005038	1.62	426.20	482.94	0.30
RIVER-2	Reach-1	4028.57*	Max WS	690.27	127.86	129.85		129.89	0.004004	1.50	459.90	490.33	0.27
RIVER-2	Reach-1	3964.28* 3900	Max WS	Inl Struct 576.98 579.70 582.42 585.15 590.60 593.33 596.07 598.80 601.53 604.26 606.99 609.69 612.16 614.11 603.54 591.11 626.22 628.86 631.37 635.66 637.27 665.70 666.86 663.27 665.70 668.15 670.59 673.03 682.78 684.28 685.78 687.28 688.77 693.26 695.92	127.43 127.00	154.30 153.90 153.46 153.02 152.57 152.11 151.65 151.18 150.70 150.23 149.28 148.80 148.29 147.74 147.74 146.61 146.61 146.60 145.27 144.50 143.84 143.88 143.03 142.76 142.31 141.27 140.56 139.94 136.77 135.64 139.94 136.77 135.64 133.45 133.45 133.45 133.45 133.45 131.45		154. 48 154. 48 153. 66 153. 22 152. 77 152. 31 151. 84 151. 38 150. 90 150. 43 149. 00 148. 49 147. 95 147. 95 147. 95 147. 95 144. 80 144. 80 144. 07 143. 04 144. 77 143. 24 140. 68 140. 65 137. 75 135. 18 136. 65 137. 75 135. 18 134. 65 134. 22 133. 85 134. 85 133. 85 133. 85 133. 18 132. 85 133. 18 132. 85 133. 70 130. 37 130. 37 129. 89 129. 69 129. 53 129. 69 129. 53 129. 28	0.003526 0.004328 0.004491 0.004498 0.0046087 0.004687 0.004732 0.004770 0.004799 0.004796 0.004748 0.004747 0.004857 0.005309 0.005708 0.005708 0.005908 0.005908 0.005908 0.005908 0.005428 0.010107 0.004517 0.003453 0.004517 0.004517 0.004517 0.004517 0.004517 0.004517 0.004517 0.004552 0.002478 0.005041 0.007467 0.004552 0.002478 0.005041 0.007467 0.004552 0.002478 0.005041 0.007467 0.004552 0.002478 0.005041 0.007467 0.004552 0.002478 0.005041 0.007467 0.004552 0.003455 0.003455 0.003455 0.003455 0.003455 0.003696 0.004101 0.004710 0.014491 0.0014655 0.003608 0.003124	1.43 1.38	459.96 482.30 503.85	498.43 508.16	0.49 0.44 0.41 0.36 0.30 0.27 0.26
RIVER-2	Reach-1 Reach-1	3900 3800.*	Max WS Max WS	605 02	126.70	129.25		129.33	0.003124	1.43	486.05	501.81	0.26
RIVER-2	KEACII-1	2000."	Max Wo	033.34	120.70	TC3.C3		123.20	0.003431	1.75	,50103	302.02	0.20

RIVER-2	Reach-1	3700.*	Max WS	698.58	126.40	129.00	eek.rep	129.03	0.003390	1.43	489.09	495.77	0.25
RIVER-2	Reach-1 Reach-1 Reach-1	3600.* 3500.* 3400.* 3300.* 3200.*	Max WS	701.22 703.86 706.50	126.10	128.76		128.79	0.003285	1.43 1.42 1.42	492.63	490.30	0.25 0.25 0.25 0.24
RIVER-2 RIVER-2	Reach-1	3500.* 3400.*	Max WS Max WS	703.86 706.50	125.80 125.50	128.31 128.26		128.34	0.003167	$\frac{1.42}{1.41}$	497.39 501.12	485.91 482.95	0.25
RIVER-2	Reach-1	3300.*	Max WS	709.14	125.20	128.02		128.05	0.003030	1.41	504.37	481.32	0.24
DT\/ED_2	Reach-1	3200.*	Max WS	711.77	124.90	127.76		127.79	0.003010	1.41		479.77	0.24
RIVER-2	Reach-1	3000.*	Max WS Max WS	714.41 717.05	124.60 124.30	127.30		127.25	0.003012	1.41 1.44	303.33 499.12	476.00 479.44	0.24
RIVER-2	Reach-1	2900	Max WS	719.68	124.00	126.91		126.95	0.003461	1.45	497.77	503.20	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	2812.5* 2725 *	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	721.87 724.08	123.52	126.63 126.35		126.66 126.39	0.003865	1.48 1.49	488.58 485.61	519.36 517.72	0.27
RIVER-2	Reach-1	2637.5*		726.27	122.55	126.10		126.14	0.003722	1.47	495.29	503.20 519.36 517.72 517.58	0.26
RIVER-2	Reach-1	2550.*	Max WS	728.46	122.07	125.85		125.88	0.003503	1.44	505.15	537 30	0.26
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	3100.* 3000.* 2900 2812.5* 2725.* 2637.5* 2550.* 2462.5* 2375 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.*	Max WS Max WS Max WS Max WS	730.65 732.84	124.30 124.00 123.52 123.03 122.55 122.07 121.58 121.10 121.07	125.57 125.31		125.61	0.003566	1.45 1.44	505.89 505.33 499.12 497.77 488.58 485.61 495.29 505.15 502.51 507.23 516.51 513.68	514.76 513.17 524.62 534.98 545.80	0.26
KTAFK-5	Reach-1	2279.16*	Max WS	735.24	121.07	125.04		125.07	0.003379	1.42	516.51	524.62	0.25
RIVER-2	Reach-1	2183.33*		737.63	121.03	124.74		124.78	0.003516	1.43 1.41	515.35	534.98	0.26
RIVER-2 RIVER-2	Reach-1	1991.66*	Max WS Max WS	740.02		124.46		124.27	0.003423	1.36	547.63	558.02	0.23
RIVER-2 RIVER-2 RIVER-2	Reach-1	1895.83*	Max WS	744.78	120.93	124.02		124.04	0.002649	1.29	579.07	570.82	0.23
RIVER-2 RIVER-2	Reach-1	1800 1705 *	Max WS Max WS Max WS Max WS Max WS Max WS Max WS	747.16 749.51	120.97 120.93 120.90 120.43 119.95	123.82 123.62		123.84 123.64	0.002161	1.36 1.29 1.20 1.27	513.33 524.68 547.63 579.07 620.63 591.91 561.02 527.07	578.02 570.82 579.72 548.78 521.44 501.69	0.21
RIVER-2	Reach-1	1610.*	Max WS	751.86	119.95	123.40		123.43	0.002661	1.34	561.02	521.44	0.23
RIVER-2	Reach-1	1515.*	Max WS Max WS	754.22	119.47 119.00	123.15		123.19	0.002999	1.44 1.59	527.07	501.69 477.69	0.24
RIVER-2 RIVER-2	Reach-1	1324.61*	May WS	756.54	118.62	122.52		122.56	0.003643	1.59	493.18	549 75	0.27
RIVER-2	Reach-1	1229.23*	Max WS Max WS Max WS Max WS Max WS	756.53	118.23	122.21		122.24	0.003539	1.59 1.56 1.54	487.10 493.18 508.75 518.31	579.58 577.77	0.24 0.24 0.25 0.26 0.27 0.26 0.26 0.26 0.25 0.25 0.24 0.23 0.21 0.23 0.27 0.27
RIVER-2	Reach-1	1133.84*	Max WS	756.49 756.48	117.85 117.46	121.90		121.93 121.63	0.003511	1.54	518.31 526.18	57/1/5	0.26
RIVER-2	Reach-1	943.076*	Max WS	756.43	117.08	121.32		121.36	0.003435	1.48	533.31	570.43	0.26
RIVER-2	Reach-1	847.692*	Max WS	756.38	116.69	121.05		121.08	0.003451	1.48 1.47 1.52	531.12	554.35	0.26
RIVER-2	Reach-1	/52.30/^ 656.923*	Max WS Max WS	756.33 756.33	117.46 117.08 116.69 116.31 115.92	120.75		120.78	0.003436	1.60	489.74	453.27	0.26
RIVER-2	Reach-1	561.538*	Max WS	756.32	115.54 115.15	120.16		120.20	0.003613	1.67	516.18 533.31 531.12 512.85 489.74 468.58 449.17	574.43 570.43 554.35 504.77 453.27 417.22 375.31	0.27
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-1	Reach-1 Reach-1	1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384*	Max WS	756.26 756.02	111 77	128.51 128.26 128.20 127.76 127.50 127.50 127.52 126.91 126.63 126.35 126.10 125.85 125.57 125.31 124.74 124.48 124.24 124.02 123.40 123.40 123.40 123.15 122.85 122.52 122.52 122.52 122.52 122.62 123.40 123.40 123.40 123.40 123.15 122.85 122.52 122.62 123.62 123.62 123.70 121.00		119.93	0.003390 0.003285 0.003167 0.003087 0.003010 0.003012 0.003192 0.003192 0.003192 0.003506 0.003506 0.003566 0.003464 0.003576 0.003506 0.003506 0.003649 0.002161 0.002661 0.002661 0.002661 0.002661 0.003539 0.003531 0.003640 0.003643 0.003643 0.003640 0.003641 0.003640 0.003641 0.003651	1.71 1.81	410.36	3/3.31 317.19	0.26 0.26 0.26 0.27 0.28 0.39 0.46 0.50 0.53 0.42 0.33 0.42 0.33 0.29 1.27 0.53 0.31
RIVER-2	Reach-1	275.384*	Max WS Max WS	754.92	114.77 114.38 114.00 169.00 168.75 168.50	119.31		119.39	0.005261	2 10	226 60	240 05	0.33
RIVER-2	Reach-1	180	Max WS Max WS	720.36 150.61	114.00	118.73 170.61		118.90 170 71	0.006563	3.29 2.91 2.76 2.99 3.14	218.92 80.02 86.21 88.06 90.50	101.34 142.24 151.06 159.27 182.63	0.39 0.48
RIVER-1	Reach-1	326 325.5* 325.*	Max WS	149.96	168.75	170.36		170.45	0.004835	2.76	86.21	151.06	0.46
RIVER-1 RIVER-1 RIVER-1	Reach-1	325.* 324.5*	Max WS Max WS	162.86	168.50	170.09		170.18	0.005801	2.99	88.06	159.27	0.50
RIVER-1	Reach-1	324.3° 324	Max WS Max WS	165.76	168.25 168.00 167.51 167.02	169.55		169.61	0.006313	2.58	115.31		0.33
RIVER-1	Reach-1	324 323.5*	Max WS	164.53	167.51	169.39		169.48	0.003837	2.82 2.79 2.65 2.50	115.31 107.64 102.43 104.87 113.34	206.15 208.59 211.50 239.47 43.84	0.42
RIVER-1	Reach-1	323.* 322.5*	Max WS Max WS	158.76 158.33	167.02 166.53	169.25 169.16		169.35 169.25	0.002962	2.79	102.43	208.59 211.50	0.38
RIVER-1 RIVER-1	Reach-1	322 321.*	Max WS	158.54	166.04	169.10		169.18	0.001552	2.50	113.34	239.47	0.29
RIVER-1	Reach-1	321.*	Max WS	189.62	166.02	167.85	168.32	168.82	0.036097	8.03 3.22	26.90 130.88	43.84	1.27
RIVER-1 RIVER-1	Reach-1	320 319.*	Max WS Max WS	190.11	166.00 166.00	167.38		167.41	0.002295	1.68 1.25	171.31	254.33 372.71	0.31
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	318	May WS	190.13	166 00	167.26		167.28	0.001593	1.25	171.31 202.46 93.13 93.67	515.42 176.43	0.25
RIVER-1	Reach-1	316 315.5*	Max WS	192.20 193.78	165.00 164.75	166.45 166.11		166.52 166.18	0.007237	2.06 2.07	93.13	168.00	0.49
RIVER-1	Reach-1	475 ×	Max WS Max WS Max WS	195.45	165.00 164.75 164.50 164.25 164.00	165.80		165.86	0.005811	2.06	94.81 97.35 132.94 114.16 182.20	152.61	0.46
RIVER-1	Reach-1	314.5*	Max WS	197.14	164.25	165.54		165.61	0.004360	2.07 2.00	97.35	205.14	0.41
RIVER-1 RIVER-1	Reach-1	314 313.*	Max WS Max WS	200.78		164.99		165.08	0.002031	2.68	114.16	239.26 272.53 355.19 229.78	0.46
RTVFR-1	Reach-1	312	Max WS	203.01	163.00	164.67		164.71	0.003168	2.11	182.20	355.19	0.37
RIVER-1	Reach-1	311.* 310	Max WS Max WS	205.33	162.50	164.16 163.76		164.26 163.80	0.00/183	3.14 2.08	112.37 169.88	231.88	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	309.*	Max WS	209.78	163.00 163.50 162.50 162.00 161.26 160.51	163.23		163.40	0.006283 0.002295 0.001593 0.007237 0.006760 0.005811 0.004360 0.002631 0.004841 0.003168 0.007183 0.002320 0.008423 0.001383 0.009022 0.001329 0.002254 0.002075	3.51	87.27 169.29 85.20 276.63 199.41 169.20	262.39 167.90	0.60
RIVER-1	Reach-1	308	Max WS Max WS	210.62	160.51 159.00	162.88 162.15	161.83	162.92 162.36	0.001383 0.009022	1.70 3.79	169.29 85.20	167.90 473.85	0.26 0.63
RIVER-1 RIVER-1	Reach-1	304	Max WS	212.11	159.00	161.40	TOT.03	161.43	0.001329	1.54	276.63	692.67	0.25
RIVER-1	Reach-1	306 304 302 301.*	Max WS	214.73	158.50 158.25	161.14		161.22	0.002254	2.88 2.67	199.41 169.20	473.85 692.67 632.95 258.06	0.35 0.33
RIVER-1 RIVER-1	Reach-1 Reach-1	301. "	Max WS Max WS	709.14 711.77 714.41 717.05 719.68 724.08 726.08 726.27 728.46 730.65 729.84 735.24 737.60 742.40 744.16 749.51 751.86 754.22 756.56 756.33	158.25 158.00	167 .85 167 .55 167 .55 167 .26 166 .45 166 .41 165 .80 165 .54 165 .36 164 .67 164 .67 164 .16 163 .76 163 .23 162 .88 162 .15 161 .40 161 .14 160 .95 160 .77		129.03 128.79 128.54 128.30 127.79 127.53 127.53 126.95 126.95 126.39 126.14 125.35 125.35 125.35 125.35 125.35 125.35 124.51 124.57 125.89 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 122.56 123.43 121.63 121.63 121.63 121.63 121.63 121.63 121.63 121.63 121.64 121.65 121.67 129.89 169.48 169.48 169.48 169.48 169.48 169.48 169.48 169.48 169.48 169.48 169.55 169.57 169.61 167.41 167.28 166.18 167.41 167.28 166.18 166.52 166.18 166.52 166.18 166.52 166.18 166.61	0.002115	2.55	1/4.91	259.36	0.34 0.46 0.37 0.55 0.33 0.60 0.26 0.63 0.25 0.35 0.33
RIVER-1	Reach-1	300 299.*	Max WS	217.71	158.31	160.58		160.65	0.002115 0.002839 0.002263	2.94 2.53	152.15 169.68	204.34 182.27	0.38 0.34
RIVER-1	Reach-1	298	Max WS	214.72	158.62	160.41		160.45	0.002263	2.33	103.00	104.41	0.34

EVER-1 Reach-1 29 ** MAX NS 209.69 158.31 166.726** CFGeA.** CFG 160.22 0.001315 1.00 249.32 150.17 0.25 EVER-1 Reach-1 295 ** MAX NS 209.69 158.00 160.20 160.20 0.000346 1.14 138.49 139.57 0.15 EVER-1 Reach-1 293.** MAX NS 201.48 138.01 160.15 160.12 10.000446 1.11 138.49 139.57 0.15 EVER-1 Reach-1 293.** MAX NS 211.89 137.51 160.15 160.12 10.000446 1.11 138.49 139.57 0.15 EVER-1 Reach-1 293.** MAX NS 211.89 137.51 160.15 160.12 160.00 0.000446 1.11 138.49 139.57 0.15 EVER-1 Reach-1 293.** MAX NS 211.89 137.51 160.00 160.00 0.000446 1.11 138.49 139.57 0.15 EVER-1 Reach-1 293.5 MAX NS 211.89 137.51 160.00 160.00 0.000446 1.12 25.51 160.15 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.00 0.000446 1.12 25.51 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.15 160.00 0.000446 1.12 25.51 160.15 160.00 0.000446 1.12 25.51 160.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15 160.00 0.15 160.00 0.000446 1.12 25.51 160.00 0.15							_							
RIVER-1 Reach-1 236 Max We 200-224 118.00 160-20 160-20 0.000255 0.86 47.97 0.011 RIVER-1 Reach-1 232.4 Max We 201-14 118.00 160-10 160-10 160-10 0.000059 1.11 130.0 137.7 117.6 0.15 RIVER-1 Reach-1 232.4 Max We 201-14 118.00 160-10 160-10 0.000059 1.11 130.0 137.7 117.6 0.15 RIVER-1 Reach-1 232.5 Max We 201-14 118.0 117.0 160-10 0.000059 1.14 118.0 11.1 130.0 137.7 117.6 0.15 RIVER-1 Reach-1 230.0 Reach-1 230.0 Max We 201-14 118.0 117.0 119.0 119.0 110.0 11	RTVFR-1	Reach-1	297.*	Max WS	209.69	158.31	160.26	reek.rep	160.28	0.001185	1.80	249.32	350.17	0.25
EVER-1 Reach-1 293.* Max WS 211.8.2 197.51 160.07 160.09 160.00 1		Reach-1	296		209.22	158.00	160.20		160.21	0.000256	0.86	452.85	447.97	0.11
STURE-1 Reach-1 250.0 May We 128.79 157.00 159.89 158.45 159.0 0.000000000000000000000000000000000			295.*		208.48		160.16		160.17			338.89	383.57	0.15
STURE-1 Reach-1 250.5 May WE 218.79 135.00 159.89 158.45 159.0 0.000465 3.12 95.12 61.26 0.27 STURE-1 REACH-1 259.0 0.1 May WE 218.79 150.00 159.89 158.45 159.0 0.000465 3.12 95.12 61.26 0.27 STURE-1 REACH-1 259.3 May WE 218.79 150.00 159.89 159.50 0.000388 1.05 40.84 47.83 0.0 0.000465 1.0			294		219.14	158.01			160.13	0.000450		308.97	317.68	0.15
STURE-1 Reach-1 250.0 May We 128.79 157.00 159.89 158.45 159.0 0.000000000000000000000000000000000			293." 292		218.80	157.00	160.07		160.09	0.000399		246.76	148.92	0.15
RIVER-1 Reach-1 290.61 MAX MS 97.109 155.80 155.16 0.009365 1.06 407.12 0.14 RIVER-1 Reach-1 287.8 MAX MS 215.95 155.00 158.29 155.30 0.009365 1.05 40.66 427.12 0.14 RIVER-1 Reach-1 287.8 MAX MS 215.95 155.00 158.29 155.30 0.009365 1.05 40.66 427.12 0.14 RIVER-1 Reach-1 287.8 MAX MS 215.95 155.00 158.29 155.20 0.009367 1.05 40.66 427.12 0.14 RIVER-1 Reach-1 284.8 MAX MS 215.95 155.00 158.29 155.20 0.009367 1.05 40.00374 4.03 337.12 386.75 0.17 RIVER-1 Reach-1 284.8 MAX MS 215.95 155.00 158.29 159.20 159.20 0.009374 1.30 337.12 386.75 30 0.14 RIVER-1 REACH-1 284.8 MAX MS 215.90 157.00 157.70 157.78 157.86 0.003370 2.94 77.46 45.26 0.14 RIVER-1 REACH-1 284.8 MAX MS 215.90 157.00 157.70 157.78 157.86 0.003370 2.94 77.46 45.26 0.14 RIVER-1 REACH-1 284.8 MAX MS 215.90 157.00 157.70 157.78 157.86 0.003370 2.94 77.46 45.26 0.14 RIVER-1 REACH-1 284.0 MAX MS 216.90 157.10 157.10 157.78 0.003370 2.94 77.46 45.26 0.14 RIVER-1 REACH-1 284.0 MAX MS 216.90 157.10 157.10 157.78 0.003370 2.94 77.40 157.80 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2.94 77.40 10.00370 2	RIVER-1	Reach-1	291.5	Max WS	719 70	157.00	159.89		160.00	0.002465	3.12	96.15	61.26	0.37
NEWER-1 Reach-1 285 ** MAX WS 215.88 135.00 158.63 158.01 10.003274 1.03 306.63 355.88 0.44 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.003301 2.94 0.00337 3.90 77.97 185.21 0.44 NEWER-1 Reach-1 281 ** MAX WS 217.18 154.25 156.76 156.76 156.99 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.00379 3.80 0.00337		Reach-1	290.62	Max WS	218.77	157.00	159.63	158.43	159.77	0.002565	2.99	73.25	35.76	0.37
NEWER-1 Reach-1 285 ** MAX WS 215.88 135.00 158.63 158.01 10.003274 1.03 306.63 355.88 0.44 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.003301 2.94 0.00337 3.90 77.97 185.21 0.44 NEWER-1 Reach-1 281 ** MAX WS 217.18 154.25 156.76 156.76 156.99 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.00379 3.80 0.00337	RIVER-1	Reach-1	290.61 289.32	May WS	Br1age 218 13	157 00	158 80		159 16	0.009906	4 76	45 85	30.83	0.69
NEWER-1 Reach-1 285 ** MAX WS 215.88 135.00 158.63 158.01 10.003274 1.03 306.63 355.88 0.44 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.003301 2.94 0.00337 3.90 77.97 185.21 0.44 NEWER-1 Reach-1 281 ** MAX WS 217.18 154.25 156.76 156.76 156.99 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.00379 3.80 0.00337			288		215.95	156.00	158.29		158.30	0.000365		400.64	427.12	0.14
NEWER-1 Reach-1 285 ** MAX WS 215.88 135.00 158.63 158.01 10.003274 1.03 306.63 355.88 0.44 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 282 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.177.86 0.003301 2.94 773.46 45.26 0.41 NEWER-1 Reach-1 281 ** MAX WS 215.89 155.00 157.73 10.003301 2.94 0.00337 3.90 77.97 185.21 0.44 NEWER-1 Reach-1 281 ** MAX WS 217.18 154.25 156.76 156.76 156.99 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.003379 3.80 0.00379 3.80 0.00337	RIVER-1	Reach-1	287.*	Max WS	215.62	156.00	158.25		158.26	0.000547		337.12	386.75	0.17
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	286 285 *		215.45	156.00	158.20		158.21	0.000631		308.15	331.88	0.18
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	284		215.89	155.00	157.73		157.86	0 003331	2.94	73.46	45.26	0.41
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20	RIVER-1	Reach-1	283 *	Max WS	216.28	154.75	157.36		157.53	0.003900	3.39	75.29	88.22	0.45
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.460 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.008265 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.008087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.30 153.60 154.20 0.003087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 277.5° MAX WS 234.85 151.25 153.80 153.99 0.002534 1.63 151.00 159.39 0.27 RIVER-1 Reach-1 277.5° MAX WS 234.85 151.25 153.80 153.89 0.002534 1.63 151.00 159.39 0.27 RIVER-1 Reach-1 277.5° MAX WS 234.86 151.30 153.86 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 235.05 150.80 153.66 153.69 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 235.55 150.80 153.66 153.69 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 269.2 MAX WS 235.55 149.75 152.23 152.40 0.008602 3.26 77.19 35.21 0.35 RIVER-1 Reach-1 269.2 MAX WS 235.55 149.75 152.23 152.40 0.008602 3.26 77.19 35.21 0.35 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 152.63 100.008602 3.26 77.19 35.21 0.40 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 149.70 151.60 150.60 151.78 0.003572 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 149.70 149.76 149.93 149.90 0.003636 1.64 185.18 191.99 0.038 37.91 37.62 4.04 140.90			282		216.66	154.50			157.26	0.003572		104.75	137.81	0.44
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.460 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.008265 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.008087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.30 153.60 154.20 0.003087 2.23 154.82 140.90 0.34 RIVER-1 Reach-1 277.5° MAX WS 234.85 151.25 153.80 153.99 0.002534 1.63 151.00 159.39 0.27 RIVER-1 Reach-1 277.5° MAX WS 234.85 151.25 153.80 153.89 0.002534 1.63 151.00 159.39 0.27 RIVER-1 Reach-1 277.5° MAX WS 234.86 151.30 153.86 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 234.85 151.25 153.80 153.89 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 235.05 150.80 153.66 153.69 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 277.8 MAX WS 235.55 150.80 153.66 153.69 0.00144 1.23 216.24 242.07 0.19 RIVER-1 Reach-1 269.2 MAX WS 235.55 149.75 152.23 152.40 0.008602 3.26 77.19 35.21 0.35 RIVER-1 Reach-1 269.2 MAX WS 235.55 149.75 152.23 152.40 0.008602 3.26 77.19 35.21 0.35 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 152.63 100.008602 3.26 77.19 35.21 0.40 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 149.70 151.60 150.60 151.78 0.003572 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.52 MAX WS 235.55 149.75 149.70 149.76 149.93 149.90 0.003636 1.64 185.18 191.99 0.038 37.91 37.62 4.04 140.90			201.3" 281 *		210.90	154.36	156.76		157.09	0.003437	3.60	90.11	109 49	0.43
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20	RIVER-1	Reach-1	280.5*	Max WS	217.42	154.12	156.56		156.76	0.003857	3.70	82.28	105.49	0.45
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	280	Max WS	217.66	154.00	156.34		156.56	0.004398	3.84	71.30	102 28	0.48
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	2/9.5* 270 *	Max WS	217.93 218.16	153.62 153.25	156.15 155.07		156.35 156.16	0.004036	3.68	66.10	/b.1/	0.46
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	278.5*		218.43	152.88	155.79		155.97	0.003679	3.46	66.44	51.35	0.44
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	278		218.66	152.50	155.62		155.80	0.003525		66.55	45.94	0.43
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	277.5*		233.97	152.48			155.58	0.004769	3.81	64.89	50.86	0.49
RIVER-1 Reach-1 276 MAX WS 234.72 152.15 154.60 154.85 0.006225 4.26 73.09 96.06 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.72 152.15 154.46 154.58 0.006255 4.26 73.09 96.00 0.56 RIVER-1 Reach-1 275.5° MAX WS 234.90 151.60 154.33 154.40 0.003807 2.23 114.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.90 151.60 154.20 0.003807 2.23 154.82 140.94 0.34 RIVER-1 Reach-1 274.5° MAX WS 234.80 151.50 154.20 0.003806 1.74 185.33 154.40 0.003806 1.74 185.20		Reach-1	276.5*		234.17	152.42	154.85		155.10	0.005612	4.10	68.13	83.53	0.54
RIVER-1 Reach-1 274 5* Max WS 234.99 151.65 154.20 154.07 154.12 0.00386 1.74 138.53 228.55 0.29 RIVER-1 Reach-1 277.5* Max WS 234.86 151.35 153.95 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5* Max WS 234.86 151.35 153.99 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5* Max WS 234.86 151.25 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5* Max WS 234.86 151.25 153.80 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5* Max WS 234.86 151.25 153.80 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5* Max WS 234.86 151.25 153.80 153.80 153.99 0.00144 1.26 154.65 245.92 0.015 RIVER-1 Reach-1 277.5* Max WS 235.03 150.85 153.66 153.69 0.00144 1.22 188.29 247.55 0.21 RIVER-1 Reach-1 270 Max WS 235.03 150.85 153.66 153.69 0.001489 1.32 188.29 247.55 0.21 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 269.* Max WS 235.55 149.75 152.28 152.83 0.003952 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268.65 Max WS 235.55 149.75 152.28 152.83 0.003952 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 266.55 Max WS 235.54 149.75 152.23 152.25 152.40 0.004602 3.25 72.19 35.21 0.40 RIVER-1 Reach-1 266.55 Max WS 235.54 149.75 152.23 152.25 152.40 0.004602 3.25 72.19 35.21 0.40 RIVER-1 Reach-1 266.55 Max WS 235.50 149.75 152.23 152.40 0.0030575 2.30 125.45 152.40 0.0030575 2.30 1	RIVER-1	Reach-1	276	Max WS	234.51	152.40	154.60		154.85	0.006225	4.26	73.09	96.06	0.50
RIVER-1 Reach-1 274 5* Max WS 234.99 151.65 154.20 154.07 154.12 0.00386 1.74 138.53 228.55 0.29 RIVER-1 Reach-1 277.5 Max WS 235.00 151.40 154.07 154.12 0.00386 1.74 138.53 228.55 0.29 RIVER-1 Reach-1 277.5 Max WS 234.86 151.35 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5 Max WS 234.86 151.25 153.80 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5 Max WS 234.86 151.25 153.80 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5 Max WS 234.86 151.25 153.80 153.80 153.99 0.002534 1.63 151.00 199.39 0.27 RIVER-1 Reach-1 277.5 Max WS 234.86 151.25 153.80 153.80 153.99 0.00144 1.23 216.6 220.07 0.29 RIVER-1 Reach-1 277.5 Max WS 234.86 151.25 153.80 153.80 153.99 0.00144 1.23 216.6 220.07 0.29 RIVER-1 Reach-1 277.5 Max WS 235.03 150.85 153.66 153.69 0.001449 1.32 188.29 247.55 0.21 RIVER-1 Reach-1 270 Max WS 235.15 150.85 153.66 153.69 0.001489 1.32 188.29 247.55 0.21 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268.5 Max WS 235.55 149.75 152.23 152.83 0.003952 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268.265* Max WS 235.55 149.75 152.23 152.23 0.003952 2.29 102.51 103.82 0.40 RIVER-1 Reach-1 266.50 Max WS 235.55 149.75 152.23 152.23 152.40 0.004802 3.25 72.19 35.21 0.40 RIVER-1 Reach-1 266.50 Max WS 235.54 149.10 151.60 150.60 151.78 0.003521 3.39 66.40 35.08 0.40 RIVER-1 Reach-1 266.50 Max WS 235.50 146.65 150.75 151.00 0.005661 4.25 55.39 32.63 0.58 RIVER-1 Reach-1 266.50 Max WS 235.50 146.65 150.75 151.00 0.003575 2.30 125.45 151.99 0.23 RIVER-1 Reach-1 260.5 Max WS 235.50 146.65 149.93 149.96 0.0016661 4.25 55.99 3.26 0.58 RIVER-1 Reach-1 260.5 Max WS 235.50 146.60 0.149.93 149.96 0.0016661 4.25 55.99 3.26 0.58 RIVER-1 Reach-1 260.5 Max WS 235.50 146.60 149.93 149.96 0.0016661 4.25 55.99 3.26 0.58 RIVER-1 Reach-1 260.5 Max WS 235.50 146.60 0.149.93 149.96 0.0016661 4.25 55.99 3.26 0.58 RIVER-1 Reach-1 260.5 Max WS 235.50 146.60 0.140.90 140.90 0.003575 2.30 125.45 145.38 0.33 RIVER-1 Reach-1 260.5 Max			275.5*		234.72	152.15	154.46		154.58	0.003881	2.83	96.40	118.52	0.41
RIVER-1 Reach-1 273.5° Max WS 235.00 151.40 154.07 153.98 153.99 0.002534 1.63 151.00 1293.39 0.27 RIVER-1 Reach-1 273.5° Max WS 234.86 151.35 153.98 153.99 0.002534 1.63 151.00 1293.39 0.27 RIVER-1 Reach-1 275.6° Max WS 234.86 151.35 153.89 153.99 0.002534 1.63 151.00 1293.39 0.27 RIVER-1 Reach-1 275.6° Max WS 234.86 151.50 153.76 153.76 153.89 0.002534 1.63 151.00 1293.39 0.27 RIVER-1 Reach-1 277.5° Max WS 234.86 151.50 153.76 153.76 153.77 Max WS 235.03 150.85 153.69 0.001649 1.01 264.65 245.92 0.19 RIVER-1 Reach-1 271.8° Max WS 235.03 150.85 153.66 153.76 0.001649 1.01 264.57 245.92 0.19 RIVER-1 Reach-1 270.0° Max WS 235.15 150.50 153.76 153.76 0.001649 1.32 188.29 247.55 0.21 RIVER-1 Reach-1 269.8° Max WS 235.55 149.47 5152.25 1552.40 0.004802 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 266.53 Max WS 235.55 149.47 5152.23 152.40 0.004802 3.26 72.19 35.21 0.40 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 1551.88 150.65 1552.05 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 1551.80 150.60 1552.06 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.49 1551.60 150.60 1552.06 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.49 1551.60 150.60 1552.06 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.49 1551.60 150.60 1552.06 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.59 140.49 10 151.88 150.75 Max WS 235.70 147.43 149.93 149.96 0.001636 1.64 185.18 191.99 0.23 RIVER-1 Reach-1 266.55 Max WS 235.50 147.43 149.93 149.96 0.001636 1.64 185.18 191.99 0.23 RIVER-1 Reach-1 266.56 Max WS 235.59 140.40 144.60 148.60 0.00351 1.49 83 0.003575 2.30 125.45 145.38 0.33 RIVER-1 Reach-1 260.58 Max WS 235.76 146.36 148.88 149.99 0.003573 3.39 69.40 185.0			774 S*		234.91	151.90	154.33		154.40	0.003087	1 92	128.37	162.80	0.34
RIVER-1 Reach-1 271. Max Ws 235. US 150.85 153.66 153.99 0.00.489 1.32 188.69 247.55 0.41 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268. Max WS 235.55 149.75 152.23 150.60 0.003952 2.29 102.69 75.12 0.35 0.42 RIVER-1 Reach-1 267.265* Max WS 235.55 149.75 152.23 152.26 0.004802 3.26 72.19 35.21 0.48 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.06 0.004802 3.26 72.19 35.21 0.49 RIVER-1 Reach-1 266.53 Max WS 235.55 149.75 152.23 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.50 Max WS 235.55 149.75 152.25 150.50 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.50 147.43 149.93 151.60 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.20 147.43 149.93 151.60 0.006651 4.25 55.39 32.63 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.93 149.95 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.96 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.39 147.07 149.76 149.83 0.003575 2.30 175.45 145.38 0.33 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001636 1.64 185.18 191.99 0.38 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001638 1.22 T 135.00 171.09 0.38 RIVER-1 Reach-1 260.5* Max WS 235.99 146.00 148.60 148.60 0.003581 2.27 150.007383 3.03 79.93 67.24 0.0 48.75 140.00 148.60 0.003581 2.27 150.00 1159.2 3.58 69.24 108.85 RIVER-1 Reach-1 250.5* Max WS 235.60 146.00 148.60 147.74 147.78 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 148.04 148.60 0.003581 2.27 153.00 171.09 0.38 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.66 146.00 147.74 147.79 0.00319 2.29 149.99 280.11 0.39 RIVER-1 Reach-1 244 Max WS 248.54 144.00 144.59 144.66			274		235.00	151.40	154 07		154 12	0 003086	1.74	138.53	228 55	
RIVER-1 Reach-1 271. Max Ws 235. US 150.85 153.66 153.99 0.00.489 1.32 188.69 247.55 0.41 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268. Max WS 235.55 149.75 152.23 150.60 0.003952 2.29 102.69 75.12 0.35 0.42 RIVER-1 Reach-1 267.265* Max WS 235.55 149.75 152.23 152.26 0.004802 3.26 72.19 35.21 0.48 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.06 0.004802 3.26 72.19 35.21 0.49 RIVER-1 Reach-1 266.53 Max WS 235.55 149.75 152.23 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.50 Max WS 235.55 149.75 152.25 150.50 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.50 147.43 149.93 151.60 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.20 147.43 149.93 151.60 0.006651 4.25 55.39 32.63 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.93 149.95 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.96 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.39 147.07 149.76 149.83 0.003575 2.30 175.45 145.38 0.33 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001636 1.64 185.18 191.99 0.38 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001638 1.22 T 135.00 171.09 0.38 RIVER-1 Reach-1 260.5* Max WS 235.99 146.00 148.60 148.60 0.003581 2.27 150.007383 3.03 79.93 67.24 0.0 48.75 140.00 148.60 0.003581 2.27 150.00 1159.2 3.58 69.24 108.85 RIVER-1 Reach-1 250.5* Max WS 235.60 146.00 148.60 147.74 147.78 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 148.04 148.60 0.003581 2.27 153.00 171.09 0.38 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.66 146.00 147.74 147.79 0.00319 2.29 149.99 280.11 0.39 RIVER-1 Reach-1 244 Max WS 248.54 144.00 144.59 144.66	RIVER-1	Reach-1	273.5*	Max WS	234.87	151.35	153.95		153.99	0.002534	1.63	151.00	199.39	0.27
RIVER-1 Reach-1 271. Max Ws 235. US 150.85 153.66 153.99 0.00.489 1.32 188.69 247.55 0.41 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268. Max WS 235.55 149.75 152.23 150.60 0.003952 2.29 102.69 75.12 0.35 0.42 RIVER-1 Reach-1 267.265* Max WS 235.55 149.75 152.23 152.26 0.004802 3.26 72.19 35.21 0.48 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.06 0.004802 3.26 72.19 35.21 0.49 RIVER-1 Reach-1 266.53 Max WS 235.55 149.75 152.23 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.50 Max WS 235.55 149.75 152.25 150.50 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.50 147.43 149.93 151.60 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.20 147.43 149.93 151.60 0.006651 4.25 55.39 32.63 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.93 149.95 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.96 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.39 147.07 149.76 149.83 0.003575 2.30 175.45 145.38 0.33 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001636 1.64 185.18 191.99 0.38 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001638 1.22 T 135.00 171.09 0.38 RIVER-1 Reach-1 260.5* Max WS 235.99 146.00 148.60 148.60 0.003581 2.27 150.007383 3.03 79.93 67.24 0.0 48.75 140.00 148.60 0.003581 2.27 150.00 1159.2 3.58 69.24 108.85 RIVER-1 Reach-1 250.5* Max WS 235.60 146.00 148.60 147.74 147.78 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 148.04 148.60 0.003581 2.27 153.00 171.09 0.38 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.66 146.00 147.74 147.79 0.00319 2.29 149.99 280.11 0.39 RIVER-1 Reach-1 244 Max WS 248.54 144.00 144.59 144.66		Reach-1	273.*		234.86	151.30 151.25	153.86		153.89	0.001843	1.46	1/5.66 216 24	230.40	0.23
RIVER-1 Reach-1 271. Max Ws 235. US 150.85 153.66 153.99 0.00.489 1.32 188.69 247.55 0.41 RIVER-1 Reach-1 269.* Max WS 235.15 150.50 153.24 153.33 0.006082 2.29 102.51 103.82 0.41 RIVER-1 Reach-1 268. Max WS 235.55 149.75 152.23 150.60 0.003952 2.29 102.69 75.12 0.35 0.42 RIVER-1 Reach-1 267.265* Max WS 235.55 149.75 152.23 152.26 0.004802 3.26 72.19 35.21 0.48 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.06 0.004802 3.26 72.19 35.21 0.49 RIVER-1 Reach-1 266.53 Max WS 235.55 149.75 152.23 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.50 Max WS 235.55 149.75 152.25 150.50 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.50 147.43 149.93 151.60 150.60 151.78 0.005521 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 265.05 Max WS 235.20 147.43 149.93 151.60 0.006651 4.25 55.39 32.63 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.93 149.95 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.20 147.43 149.96 0.001636 1.64 185.18 191.99 0.28 RIVER-1 Reach-1 261.5* Max WS 235.39 147.07 149.76 149.83 0.003575 2.30 175.45 145.38 0.33 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001636 1.64 185.18 191.99 0.38 RIVER-1 Reach-1 260.5* Max WS 235.76 146.36 148.88 149.98 0.001638 1.22 T 135.00 171.09 0.38 RIVER-1 Reach-1 260.5* Max WS 235.99 146.00 148.60 148.60 0.003581 2.27 150.007383 3.03 79.93 67.24 0.0 48.75 140.00 148.60 0.003581 2.27 150.00 1159.2 3.58 69.24 108.85 RIVER-1 Reach-1 250.5* Max WS 235.60 146.00 148.60 147.74 147.78 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 148.04 148.60 0.003581 2.27 153.00 171.09 0.38 RIVER-1 Reach-1 250.8* Max WS 236.06 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 250 Max WS 236.66 146.00 147.74 147.79 0.00319 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.66 146.00 147.74 147.79 0.00319 2.29 149.99 280.11 0.39 RIVER-1 Reach-1 244 Max WS 248.54 144.00 144.59 144.66		Reach-1	272		234.86	151.20	153.76		153.78	0.000669	1.01	264.65	245.92	0.15
RIVER-1 Reach-1 269.* Max WS 235.55 149.75 152.23 152.60 0.003932 2.29 102.09 73.12 0.40 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.60 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.88 152.60 0.004395 3.39 69.80 35.08 0.43 RIVER-1 Reach-1 266.52 Max WS 235.55 149.43 151.88 150.60 151.78 0.003521 3.39 69.88 35.51 0.43 RIVER-1 Reach-1 266.52 Max WS 235.50 148.65 150.60 151.60 150.60 151.60 150.60 151.60 150.60 151.60 150.60 151.60 150.60 151.60 150.60 1	RIVER-1	Reach-1	271.*	Max WS	235.03	150.85	153.66		153.69	0.001489	1.32	188.29	247.55	0.21
RIVER-1 Reach-1 266 265* Max WS 235.55 149.43 151.88 152.60 0.004395 3.39 69.40 35.08 0.43 RIVER-1 Reach-1 266.53 Max WS 235.55 149.43 151.60 150.60 151.78 0.005321 3.39 69.38 35.51 0.43 RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 265.05 Max WS 235.50 148.65 150.75 151.04 0.006651 4.25 55.39 35.61 RIVER-1 Reach-1 261.5* Max WS 235.50 147.43 149.93 149.96 0.001636 1.64 185.18 191.99 0.23 RIVER-1 Reach-1 261.5* Max WS 235.58 147.07 149.76 149.83 0.003575 2.30 125.45 145.38 191.99 0.23 RIVER-1 Reach-1 261.5* Max WS 235.58 146.71 149.41 149.55 0.007383 3.03 79.93 67.24 0.47 RIVER-1 Reach-1 260.5* Max WS 235.55 146.36 148.88 149.08 0.011592 3.58 69.24 108.85 0.58 RIVER-1 Reach-1 260.5* Max WS 235.59 146.00 148.60 148.60 0.005381 2.27 135.20 171.09 0.33 RIVER-1 Reach-1 259.5* Max WS 235.00 146.00 148.60 148.60 0.003581 2.27 135.20 171.09 0.33 RIVER-1 Reach-1 259.5* Max WS 236.00 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.66 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 250 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 250 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 250 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 250 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 250 Max WS 246.85 142.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 248 Max WS 248.49 140.05 142.66 142.68 0.0001110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 248 Max WS 248.64 139.50 142.60 144.60 0.004237 2.38 148.33 215.60 3.30 0.44 RIVER-1 Reach-1 243.4 Max WS 248.64 139.50		Reach-1	260 *		235.15	150.50	153.24		153.33	0.006082	2.29	102.51	103.82	0.41
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 255.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.93 138.50 140.74 140.79 0.0031045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.33 137.25 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.17 139.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44	RIVER-1	Reach-1	268	Max WS Max WS	235.55	149.75	152.23		152.40	0.003932		72.19	35.21	0.40
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.39 138.50 140.74 140.79 0.003068 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.5 Max WS 249.37 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.66 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44	RIVER-1	Reach-1	267.265*	Max WS	235.55	149.43	151.88		152.06	0.004395	3.39	69.40	35.08	0.43
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 255.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.93 138.50 140.74 140.79 0.0031045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.33 137.25 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.17 139.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44		Reach-1	266.53	Max WS	235.54	149.10	151.60	150.60	151.78	0.003521	3.39	69.38	35.51	0.43
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.39 138.50 140.74 140.79 0.003068 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.5 Max WS 249.37 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.66 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44		Reach-1	265.05	Max WS	235.50	148.65	150.75		151.04	0.006651	4.25	55.39	32.63	0.58
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 236.5 Max WS 249.37 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.66 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44	RIVER-1	Reach-1	262	Max WS	235.20	147.43	149.93		149.96	0.001636	1.64	185.18	191.99	0.23
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 238.* Max WS 249.39 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 236.5 Max WS 249.37 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.66 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44			/hl.5*		235.39	147.07	149.76		149.83	0.003575		125.45	145.38	0.33
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 255.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.93 138.50 140.74 140.79 0.0031045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.33 137.25 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.17 139.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44			261.* 260.5*		235.58 235.76	146.71 146.36	149.41		149.55 149.08	0.00/383	3.03	79.93 69.24	108 85	0.47
RIVER-1 Reach-1 258 Max WS 236.06 146.00 147.74 147.78 0.003119 2.02 149.53 183.07 0.31 RIVER-1 Reach-1 256 Max WS 236.46 145.00 147.12 147.19 0.004632 2.95 149.99 280.11 0.39 RIVER-1 Reach-1 254 Max WS 246.54 144.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.64 RIVER-1 Reach-1 252 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005409 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 255.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230.* Max WS 249.93 138.50 140.74 140.79 0.0031045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 140.74 140.79 0.003069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.33 137.25 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.5 Max WS 249.17 139.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44			260		235.95	146.00	148.60		148.66	0.003581	2.27	135.20	171.09	0.33
RIVER-1 Reach-1 254 Max WS 246.85 142.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.54 RIVER-1 Reach-1 250 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005489 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005141 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 236.5 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78		Reach-1	259.*		236.00	146.00	148.04		148.22	0.009307	3.44	74.74	84.44	0.53
RIVER-1 Reach-1 254 Max WS 246.85 142.00 145.75 145.96 0.013754 4.26 74.62 94.26 0.54 RIVER-1 Reach-1 250 Max WS 246.85 142.00 144.59 144.66 0.004110 2.74 136.05 177.35 0.37 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005489 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005141 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 239.* Max WS 249.93 138.50 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 236.5 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78			258		236.06	146.00	147.74		147.78	0.003119	2.02	149.53 149.99	183.07 280 11	0.31
RIVER-1 Reach-1 252 Max WS 246.88 142.00 144.99 144.66 0.00410 2.74 135.05 177.35 0.57 RIVER-1 Reach-1 250 Max WS 247.55 141.50 143.81 143.85 0.002600 1.97 207.80 425.42 0.28 RIVER-1 Reach-1 248 Max WS 247.64 141.00 143.22 143.31 0.004983 2.57 124.55 366.87 0.39 RIVER-1 Reach-1 246 Max WS 248.24 140.50 142.66 142.68 0.001011 1.31 262.37 276.10 0.18 RIVER-1 Reach-1 245.* Max WS 248.39 139.75 142.38 142.50 0.005489 3.32 105.63 130.44 0.42 RIVER-1 Reach-1 244 Max WS 248.54 139.00 142.07 142.17 0.005111 3.40 132.53 203.93 0.41 RIVER-1 Reach-1 243.* Max WS 248.64 139.50 141.84 141.92 0.003946 2.74 135.20 179.91 0.36 RIVER-1 Reach-1 242 Max WS 248.75 140.00 141.63 141.68 0.003524 2.20 158.66 225.55 0.33 RIVER-1 Reach-1 241.* Max WS 248.96 139.50 141.31 141.36 0.004237 2.38 148.33 215.89 0.36 RIVER-1 Reach-1 230 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.00069 0.29 201.37 252.27 0.05 RIVER-1 Reach-1 236.5 Max WS 249.37 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.44 RIVER-1 Reach-1 236.5 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78			254		246.54	144.00	145.75		145.96	0 013754	4.26		94.26	0.64
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42	RIVER-1	Reach-1	252	Max WS	246.85	142.00				0.004110	2.74	136.05	177.35	0.37
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42			250		247.55	141.50	143.81		143.85	0.002600	1.97	207.80 124.55	425.42 366.87	0.28
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42			246 246		247.04	140.50	142.66		142.68	0.001011	1.31	262.37	276.10	0.18
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42	RIVER-1	Reach-1	245.*	Max WS	248.39	139.75	142.38		142.50	0.005489	3.32	105.63	130.44	0.42
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42		Reach-1	244		248.54	139.00	142.07		142.17	0.005111	3.40	132.53	203.93	0.41
RIVER-1 Reach-1 240 Max WS 249.17 139.00 141.02 141.07 0.003045 2.21 150.90 166.73 0.31 RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.31 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.58 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42			243."		248.04 248.75		141.04		141.92	0.003546	2.20	158.66	225.55	0.33
RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.51 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.51 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42			241.*		248.96	139.50	141.31		141.36	0.004237	2.38	148.33	215.89	0.36
RIVER-1 Reach-1 239.* Max WS 249.39 138.50 140.74 140.79 0.003166 1.98 163.95 226.95 0.51 RIVER-1 Reach-1 238 Max WS 45.73 138.00 140.58 140.58 0.000069 0.29 201.37 252.27 0.51 RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42	RIVER-1	Reach-1	240	Max WS	249.17	139.00	141.02		141.07	0.003045	2.21	150.90	166.73	0.31
RIVER-1 Reach-1 236.5 Max WS 249.33 137.25 139.65 139.73 0.006808 2.73 135.37 285.53 0.44 RIVER-1 Reach-1 235.85 Max WS 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42 RIVER-1 Reach-1 235.84 Bridge			239.*		249.39	138.50			140.79 140.58	0.000060	1.98	103.95 201.37	220.95 252.27	0.31
RIVER-I Reach-I 235.85 Max ws 249.17 136.60 139.23 138.15 139.41 0.003315 3.40 73.34 35.78 0.42 RIVER-1 Reach-1 235.84 Bridge		Reach-1	236.5		249.33	137.25			139.73	0.006808	2.73	135.37	285.53	0.44
RIVER-1 Reach-1 235.84 Bridge	RIVER-1	Reach-1	235.85	Max WS	249.17	136.60	139.23	138.15	139.41	0.003315	3.40	73.34	35.78	0.42
	RIVER-1	Reach-1	235.84		Bridge									

						KiteC	reek.rep						
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	235.23 232 230 228 226 224 222 220 218	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	248.94 248.93 248.26 259.66 260.06 260.28 260.57 260.66	136.10 135.00 135.00 134.00 133.70 133.25 133.00	139.18 138.28 137.89 137.74 137.20 136.49 135.92 135.45 135.25 135.25 135.21 135.17 135.15 135.10 135.07 135.03 134.99 132.95	·	139, 30 138, 51 137, 90 137, 76 137, 28 136, 63 135, 97 135, 37 135, 27 135, 20 135, 16 135, 16 135, 15 135, 14 135, 15 135, 14 135, 13 135, 14 135, 13	0.001809 0.008889 0.000413 0.000870 0.005253 0.006731 0.003153 0.004480 0.000536 0.000646 0.000377 0.000285 0.000416 0.000837 0.001090 0.001331 0.001619 0.099045 0.090815	2.76 4.64 1.01 1.68 2.81 3.84 2.72 3.40 1.45 1.21 0.97 1.17 1.42 1.72 2.11 2.45 2.79 3.08	90.28 118.35 428.10 315.05 153.27 131.58 182.19 162.05 333.94 317.15 389.59 405.03 405.58 349.73 296.49 250.45 215.17 188.13 166.65 28.03	42.20 412.79 502.55 432.96 306.61 274.61 273.12 312.02 350.51 312.56 316.67 242.13 191.93	0.32 0.52 0.17 0.39 0.46 0.32 0.39 0.14 0.15 0.11 0.12 0.20 0.23 0.29 0.32
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	216 214 213.* 212	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	260.71 261.02 276.68 309.42 309.39 309.38 309.38	132.40 131.20 132.75 132.50 131.88 131.25 131.22 131.19	135.35 135.25 135.20 135.17 135.15 135.14 135.12 135.10		135.37 135.20 135.18 135.16 135.16 135.15	0.000536 0.000646 0.000371 0.000317 0.000285 0.000416 0.000621 0.000837	1.45 1.21 0.97 1.17 1.42 1.72 2.11 2.45	333.94 317.15 389.59 405.03 405.58 349.73 296.49 250.45	350.51 312.56 316.67 242.13 191.93 182.49 172.38 146.62	0.14 0.15 0.11 0.12 0.13 0.16 0.20 0.23
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	211.13* 210.912* 210.695* 210.477* 210.13 209.23	Max WS Max WS Max WS	309.20 308.98 308.73 309.83 309.92 Culvert	131.12 131.16 131.12 131.09 131.06 131.03 129.39		133.81			3.39 15.00 3.96	78.32	172.38 146.62 126.48 106.59 92.76 34.76 39.35	
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	211.782* 211.347* 211.347* 211.13* 210.695* 210.477* 210.13 209.23 208.43 205.91 205.49 204.44 202 201.1* 200.2	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	309.83 309.70 309.56 309.55 309.41 309.41 309.40 309.32	128.67 129.85 129.75 129.49 128.88 128.80 128.72 128.69	132.83 132.67 132.63 132.53 132.34 132.29 132.25 132.06		132.97 132.89 132.84 132.71 132.46 132.41 132.37 132.36	0.000365 0.001491 0.001380 0.001107 0.000947 0.000918 0.000888 0.001544	2.94 3.77 3.66 3.37 2.77 2.77 4.37	105.45 82.19 84.60 91.94 111.54 111.57 70.73	65.27 38.20 38.80 40.49 44.59 43.36 42.19 41.21	0.25 0.45 0.44 0.39 0.31 0.30 0.30
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	199 198.78 196.* 194.* 192 191.5 191.14 191	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	308.93 309.06 308.94 308.96 308.93 308.93	128.48 128.35 128.02 127.68 127.35 127.27 127.21	131.62 131.71 131.54 131.41 131.30 131.30		131.96 131.84 131.66 131.51 131.39 131.36 131.37	0.001941 0.000993 0.000831 0.000671 0.000538 0.000352 0.001343	4.68 2.87 2.69 2.50 2.31 2.01 4.46	65.98 107.75 114.71 123.73 133.81 153.36 69.27	39.39 42.15 43.13 44.37 45.71 46.12 45.39	0.47 0.32 0.29 0.26 0.24 0.19
RIVER-1 RIVER-1	Reach-1 Reach-1	190 189 186 185.5* 185.* 184.5* 184 182 180 178 176 174 171.* 170 169.5* 169.5* 169.5* 169.5* 169.5* 169.5* 169.5* 169.5*	MAX WS MAX WS	248.94 248.93 248.26 259.66 260.28 260.77 260.66 260.71 261.02 276.68 309.42 309.38 309.38 309.39 309.20 308.98 309.83 309.92 Culvert 309.83 309.91 Culvert 309.83 309.56 309.51 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.55 309.41 309.40 309.83 308.93	127.02 126.85 126.34 126.25 126.17 126.08 126.00 126.00 124.00 124.00 124.00 124.00 124.00 123.75 123.50 123.25 123.25 123.25 123.00 124.00 124.00	130.81 130.87 130.83 130.00 129.43 129.22 128.75 128.44 127.74 127.28 127.12 127.04 126.91 126.86 126.61 126.56 126.51 126.48 126.56 126.38 126.22 126.38 126.25 125.89 125.89 125.89 125.89 125.89	128.75	130.96 130.95 130.85 130.59 130.33 129.99 129.54 128.46 127.83 127.05 126.93 126.89 126.89 126.71 126.65 126.76 126.59 126.54 126.50 126.40 126.26 126.08 125.92 125.86 125.70	0.000699 0.000178 0.000117 0.004379 0.006043 0.010113 0.002128 0.001936 0.002886 0.003253 0.003253 0.000565 0.000857 0.001300 0.001773 0.002145 0.002382 0.002022 0.001833 0.001595 0.001300 0.001795 0.001300 0.001795	3.18 1.43 1.23 3.83 4.61 5.97 3.43 2.70 2.82 1.66 3.51 3.30 1.28 1.54 1.54 1.54 1.54 2.52 2.51 2.52 2.50 2.41	68.17 152.91 174.97 142.31 118.07 94.65 291.92 308.88 309.30 582.87 339.50 382.35 714.40 598.00 563.34 527.50 478.74 482.58 504.83 509.86 509.86 509.86 509.86 509.86	45.15 46.08 47.96 43.66 40.39 108.51 228.75 205.33 304.13 448.66 445.97 569.49 749.09 787.28 691.03 797.39 687.53 607.44 642.61 692.22 760.49	0.29 0.14 0.11 0.37 0.48 0.67 0.36 0.27 0.32 0.17 0.37 0.34 0.14 0.17 0.21 0.25 0.28 0.29 0.27 0.26 0.22 0.20 0.21 0.26 0.22 0.20 0.22 0.20 0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	166.5* 166 165.5* 165.* 164.5* 164 163.5* 163.5* 162.5*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	600.58 600.38 601.40 601.17 600.82 601.26 601.54 602.16 602.54	122.25 122.00 121.50 121.00 120.50 120.00 120.00 120.00	126.51 126.48 126.38 126.22 126.05 125.89 125.82 125.73 125.61		126.54 126.50 126.40 126.26 126.08 125.92 125.86 125.78 125.70	0.001320 0.001050 0.001207 0.001873 0.001978 0.001580 0.001992 0.002417 0.003089	2.26 2.06 2.22 2.71 2.67 2.26 2.69 3.09 3.60	593.29 665.58 630.70 582.78 555.93 574.34 534.10 491.43 433.42	760.49 849.92 840.66 999.38 897.20 761.45 814.50 823.71 798.02	0.22 0.20 0.21 0.26 0.26 0.22 0.26 0.29 0.33

*						KiteCi 125.40 125.20 125.08 125.08 124.94 124.85 124.67 124.49 124.20 123.92 123.83 123.70 123.43 123.15 122.96 122.39 122.20 122.39 122.20 121.82 121.64 121.52 121.44 121.52 121.44 121.52 121.44 121.52 121.44 121.55 121.96 120.97 120.97 120.97 120.97 120.97 120.98 120.99 120.99 120.90 12	reek.rep						
RIVER-1	Reach-1	162 161.5* 161.* 160.5* 160 159.* 158 157.* 156 155.* 154 153.* 153.*	Max WS	602.57	120.00 120.12 120.25 120.38 120.50 120.25 120.00	125.40	•	125.61 125.38 125.05 124.97 124.88 124.79 124.62 124.27 124.62 124.27 123.86 123.87 123.48 123.21 123.86 123.21 123.85 122.43 122.43 122.43 122.43 122.197 121.85 121.69 121.97 121.85 121.197 121.08 121.28 121.108 121.29 120.69 120.69 120.69 120.60 120.60 120.07 120.04 120.07 120.04 120.07 120.04 120.07 120.07 120.09 120.69 120.04 120.05 119.76 119.36 119.51 119.36 119.51 119.36 119.51 119.36 119.51 119.38 118.79 118.79 118.78 118.78	0.005449	4.82 4.23 3.42 2.61	318.59	744.10 699.66 689.38	0.43
RIVER-1 RIVER-1 RIVER-1	Reach-1	161.5*	Max WS	601.84	120.12	125.22		125.38	0.004319	4.23	337.33	699.66	0.40
RIVER-1	Reach-1	161.*	Max WS	600.41	120.25	125.08		125.18	0.002978	3.42	392.59	689.38	0.33
RIVER-1	Reach-1	160.5*	Max WS	599.39	120.38	125.00		124.05	0.001812	2.61	481.78	697.61 710.28	0.26
RIVER-1 RIVER-1	Reach-1	159 *	Max WS Max WS	598.17	120.30	124.94		124.97	0.001039	1.96 1.86	593.14 599 98	719.20 743 01	0.20
RTVFR-1	Reach-1	158	Mass MC	599.51	120.00	124.76		124.79	0.000871	1.70	627.25	770.95	0.18
RIVER-1 RIVER-1	Reach-1	157.*	Max WS	599.81	119.50	124.67		124.72	0.001286	2.23	543.56	777.92	0.22
RIVER-1	Reach-1	156	Max WS	599.24	119.00	124.49		124.62	0.003600	3.87	372.17	750.14	0.36
RIVER-1	Reach-1	155.*	Max WS	598.59	119.00	124.20		124.27	0.002565	3.26	454.12	787.67	0.30
RIVER-1	Reach-1	154	Max WS	613.41	119.00	124.02		124.04	0.001218	2.21	630.18	795.73	0.20
RIVER-1 RIVER-1	Reacn-1	155."	Max WS	626.41 627.02	119.00	123.92		123.95	0.001172	2.21	606.14	888.34 022 80	0.21
RIVER-1	Reach-1	151 *	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	644 22	119.50 119.00 119.00 119.00 119.00 119.00 119.00	123.03		123.00	0.001031	2.00	646 82	697.61 719.28 743.01 770.95 777.92 750.14 787.67 795.73 888.34 922.80 929.87 866.04 812.07 784.73 997.44 1061.27 1059.87	0.33 0.26 0.20 0.19 0.18 0.22 0.36 0.20 0.21 0.20 0.22 0.32 0.32 0.25 0.25 0.27
RIVER-1	Reach-1	150		643.07	119.00	123.43		123.48	0.003148	2.60	489.65	866.04	0.32
RTVFR-1	Reach-1	149.*	Max WS Max WS Max WS Max WS	647.53	118.50	123.15		123.21	0.002498	2.78	497.44	812.07	0.30
RIVER-1 RIVER-1	Reach-1	148 147.*	Max WS	652.26	118.00	122.96		123.00	0.001732	2.58	554.74	784.73	0.25
RIVER-1	Reach-1	147.*	Max WS	655.71	117.92	122.81		122.85	0.002106	2.55	578.70	997.44	0.27
RIVER-1 RIVER-1	Reach-1	146 145.*	Max WS	659.13	117.83	122.60		122.64	0.003124	2.67	540.76	1061.27	0.32
KIVEK-I	Reach-1	145. <i>°</i> 144	Max WS	663 71	117.92	122.39		122.43	0.002104	1.07	546.44 516.62	1039.07	0.20
RIVER-1	Reach-1	143.*	Max WS	666.70	117.50	122.04		122.07	0.001066	1.73	672.81	1005.80	0.20
RIVER-1	Reach-1	142	Max WS	670.21	117.00	121.95		121.97	0.001108	2.16	737.32	957.84	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	142 141.*	Max WS Max WS Max WS Max WS Max WS	673.16	117.00	121.82		121.85	0.001654	2.61	653.51	998.73	0.24
RIVER-1	Reach-1	140	Max WS	675.17	117.00	121.64		121.69	0.002205	2.23 3.87 3.26 2.21 2.00 2.09 2.60 2.78 2.55 2.67 2.67 2.16 2.16 2.95 2.30	603.56	1005.80 957.84 998.73 1060.91 999.79 970.87	0.28
RIVER-1	Reach-1	139.*	Max WS	6/6.46	117.50	121.52		121.55	0.001524	2.30	6/3.98	999.79	0.24
RIVER-1 RIVER-1	Reach-1	130 137 *	Max WS	677.03 680.17	118.00	121.44		121.40	0.000602	1.59 1.72 1.99 1.61 1.30	020.32 757 53	998.45	0.17
RIVER-1	Reach-1	136	Max WS	682.63	118.00	121.25		121.28	0.001691	1.99	657.81	1111.69	0.24
PTVFP-1	Reach-1	135.*	Max WS	684.60	117.50	121.14		121.17	0.001229	1.61	692.41	961.68	0.20
RIVER-1 RIVER-1 RIVER-1	Reach-1	134	Max WS	687.82	117.00	121.06		121.08	0.000875	1.30	773.19	898.27	0.17
RIVER-1	Reach-1	133.*	Max WS	691.77	117.00	120.96		120.99	0.001103	1.43	664.05	777.16	0.19
RIVER-1	Reach-1	132	Max WS	695.83	117.00	120.86		120.88	0.001018	1.35	632.60	631.26	0.18
RIVER-1 RIVER-1	Reach-1	131."	MAX WS MAX WS	700 07	118.50 118.00 117.92 117.83 117.92 118.00 117.50 117.00 117.00 118.00 118.00 118.00 117.50 117.50 117.50 117.50	120.76		120.79	0.004319 0.002978 0.001812 0.001059 0.000984 0.000871 0.001286 0.003660 0.002565 0.001218 0.001172 0.00131 0.001397 0.003148 0.002106 0.003124 0.002106 0.003124 0.002106 0.001654 0.001654 0.001654 0.001654 0.001691 0.001691 0.001691 0.001299 0.000875 0.001594 0.001794 0.001299 0.0018875 0.001299 0.001279 0.001279 0.001379 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001279 0.001286 0.001191 0.001036 0.001191 0.001826 0.004193 0.001893 0.001893 0.0016538	1.43 1.35 1.47 1.36 1.58 2.43 2.25 2.77 1.40 2.10 2.11 2.88 4.73 2.42 1.91 1.13 1.08 2.69 2.70	318.59 337.33 3481.78 451.78 599.98 627.25 543.56 372.17 454.12 630.18 660.14 696.82 489.65 497.44 558.70 540.76 548.44 5516.62 672.33 653.51 603.58 828.32 757.81 673.19 664.05 664.05 667.41 674.30 598.91 394.16 675.23 7787.77 752.59 793.97 598.33 673.86 675.23 7787.77 752.59 793.97 598.33 673.86 639.41 664.30 664.30 6657 6657 6657 6657 6657 6657 6657 665	1111.69 961.68 898.27 7777.16 631.26 834.76 835.90 861.95 706.06 784.96 831.24 856.27 896.20 986.20 986.30 554.53 551.32 405.11 456.83 510.32 443.35 565.99	0.20 0.28 0.28 0.24 0.17 0.20 0.24 0.20 0.17 0.19 0.21 0.20 0.23 0.39 0.39 0.30 0.22
RIVER-1	Reach-1	129 *	Max WS	700.07	117.00	120.57		120.69	0.001248	1.58	598.91	835.90	0.23
RIVER-1 RIVER-1	Reach-1	128	Max WS	702.04	117.00	120.32		120.40	0.005317	2.43	394.16	861.75	0.39
RIVER-1	Reach-1	127.*	Max WS	701.57	116.71	120.11		120.16	0.002779	2.25	481.56	706.06	0.30
RTVFR-1	Reach-1	126	Max WS	701.27	116.42	120.05		120.07	0.001379	2.02	675.23	784.96	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	125.*	Max WS	701.26	116.21	120.02		120.04	0.001259	1.//	704.31	831.24	0.21
KIVER-I	Reach-1	124 123 *	Wax WS	701.24 701.14	116.00	120.00		119 96	0.000924	1.40	767.77 752 59	896 20	0.10
RTVER-1	Reach-1	122	Max WS	701.17	116.35	119.89		119.90	0.001036	1.60	793.97	980.24	0.19
RIVER-1	Reach-1	121.*	Max WS	779.81	115.68	119.72		119.76	0.001912	2.10	598.33	644.33	0.26
RTVFR-1	Reach-1	120	Max WS	779.41	115.00	119.58		119.61	0.001191	2.11	673.30	635.45	0.21
RIVER-1	Reach-1	119.*	Max WS	778.79	114.50	119.45		119.51	0.001826	2.88	576.86	601.15	0.29
RIVER-1 RIVER-1 RIVER-1	Reach-1	118	Max WS	7/4.41	114.00	119.15		119.36	0.004193	4./3	392.46	554.55	0.49
RIVER-1 RIVER-1	Reach-1	117.° 116	Wax WS	769.93 756.61	114.30	118.06		119.17	0.001693	2.91	431 98	405.11	0.33
RIVER-1	Reach-1	115.*	Max WS	734.09	114.50	118.84		118.89	0.001615	1.91	467.12	456.83	0.28
RIVER-1	Reach-1	114	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	561.00	117.00 117.00 116.71 116.42 116.00 116.18 116.35 115.68 115.00 114.50 114.50 114.50 114.50 114.00 113.00 112.00	118.78		118.79	0.000618	1.13	559.04	510.32	0.19 0.26 0.21 0.29 0.49 0.33 0.32 0.28 0.17 0.14 0.30
RIVER-1 RIVER-1	Reach-1	113.*	Max WS	542.28	113.00	118.73		118.74	0.000401	1.08	561.20	443.35	0.14
RIVER-1	Reach-2	112.05	Max WS	1262.64	112.00	118.73		118.83	0.001538	2.69	639.85	565.99 563.82	0.30
RIVER-1 RIVER-1	Reach-2	111 05	Max WS	1202.04	112.00	118.72		110.02				303.02	0.30
RIVER-I	Peach-2	111.93	Max WS	1259 10	113 00	118 61		118.70	0.001850	2.53	630.68	542.65	0.32
RIVER-1 RIVER-1	Reach-2	110	Max WS	1218.38	113.00 114.00	118.54		118.59	0.001411	2.04	817.58	542.65 665.72 655.13	0.27
RTVFR-1	Reach-2	109.5*	Max WS	1201.33	113.75	118.44		118.50	0.002231	2.35	734.57	655.13	0.33
RIVER-1	Reach-2	109.*	Max WS	1198.63	113.50	118.32		118.40	0.002455	2.83	685.38	581.75	0.36
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	108.5*	Max WS Max WS Max WS	1194.24	113.75 113.50 113.25 113.00 112.00 111.00	118.20		118.31	0.001850 0.001411 0.002231 0.002455 0.001838 0.001532 0.001047 0.000659 0.000819 0.000819	2.53 2.04 2.35 2.83 3.35 3.30 2.69	630.68 817.58 734.57 685.38 697.73 755.59	553.91 580 07	0.33 0.31
RIVER-1	Reach-2	108 107 *	Max WS	1192.31 1180 24	113.00	118 NO		110.22 118 15	0.001532	2.50	733.39 916 40	670 69	0.31
RIVER-1 RIVER-1	Reach-2	107.° 106	WAX WS	1109.34 1188 27	111 00	118.05		118.10	0.000659	2.45	1102.85	743.22	0.21
RTVER-1	Reach-2	105.*	Max WS	1187.65	110.50	118.01		118.05	0.000819	2.45 2.51 2.87 2.85	1068.24	750.46	0.22
RIVER-1 RIVER-1	Reach-2	104	Max WS	1186.38	110.00	117.96		118.01	0.000797	2.87	1064.09	757.67	0.22
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2	103.75*	Max WS	1185.85	110 00	117.95		118.01	0.000812	2.85	1066.84	756.24	0.22
RIVER-1	Reach-2 Reach-2 Reach-2	139.* 138.* 137.* 136.* 135.* 131.* 130.* 129.* 128.* 127.* 126.* 124.* 121.* 120.* 121.* 120.* 119.* 118.* 117.* 116.* 117.* 111.* 110.* 109.5* 108.5* 108.5* 108.5* 108.5* 103.75* 103.55* 103.55* 103.5* 103.5* 103.5*	Max WS Max WS Max WS Max WS Max WS Max WS	602.57 601.84 600.41 599.39 599.37 598.95 599.51 599.81 599.24 598.59 61.3.41 626.41 627.02 644.22 643.07 647.53 652.26 655.71 659.13 661.68 663.71 667.21 673.16 673.16 675.17 676.46 677.65 682.63 684.60 687.82 691.77 695.83 694.87 700.01 701.14 701.01 771.124 701.14 701.124 701.14 701.124 701.14 701.124 701.14 701.124 701.14 701.127 701.26 701.14 701.17 701.27 701.26 701.14 701.17 701.27 701.26 701.14 701.19 779.41 779.81	110.00 110.00 110.00	118.61 118.54 118.44 118.32 118.20 118.13 118.05 118.01 117.96 117.95 117.95 117.95		118.70 118.59 118.50 118.40 118.31 118.22 118.15 118.05 118.05 118.01 117.99 117.98	0.000893 0.000869	2.50 2.26	916.40 1102.85 1068.24 1064.09 1066.84 1080.50	553.13 581.75 553.91 580.07 670.69 743.22 750.46 757.67 756.24 768.55 781.94	0.32 0.27 0.33 0.36 0.31 0.26 0.21 0.22 0.22 0.22 0.22
RIVER-1	Reach-2	103.25*	Max WS Max WS	1186 00	110.00	117.93 117.94		117.98	0.000790	2.18	1144.75	809.96	0.21
RIVER-1	Keach-2	103."	Max Wo	1100.03	110.00	111.34		111.30	0.000/00			555.50	·

						KiteC	reek.rep						
RIVER-1	Reach-2 Reach-2 Reach-2	102.75* 102.5* 102.25*	Max WS Max WS	1177.47 1150.86	$110.00 \\ 110.00$	117.94 117.94		117.97 117.96 117.96 117.96 117.96 117.75 117.75 117.75 117.38 117.31 117.33 117.32	0.000633 0.000486 0.000376 0.000288 0.000428 0.000446 0.000422 0.000428 0.000397 0.000329 0.000301 0.000077 0.000074 0.000161 0.001005	2.15	1218.59 1289.34 1353.40 1409.32 1405.81 1388.54 1377.83 1321.21 1185.95 1423.41 1370.01 2423.19 2882.55 2169.06 599.01	845.79 839.68 833.62	0.20 0.18 0.16 0.14 0.17 0.17 0.17 0.17 0.15 0.15 0.08 0.07 0.11
RIVER-1	Reach-2	102.3*		1102.71	110.00 110.00 110.50 111.00 111.00 110.00	117.94 117.94 117.94 117.91 117.88 117.72 117.63 117.55 117.46 117.40 117.31 117.32 117.31		117.96	0.000376	2.06 1.94 1.79	1353.40	833.62	0.16
RIVER-1	Reach-2	102	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	1027.84	110.00	117.94		117.96	0.000288	1.79	1409.32	833.62 827.70 814.76 800.94 803.82 761.30 772.23 591.81 1175.57 841.41 1298.94 1391.24 1244.13	0.14
RIVER-1	Reach-2	101.*	Max WS	1238.41	110.50	117.91		117.94	0.000428	2.14	1405.81	814.76	0.17
RIVER-1	Reach-2	100	Max WS	1237.56	111.00	117.88 117.72		117.91 117.75	0.000446	2.15	1388.54 1389.56	800.94	0.17
RIVER-1	Reach-2	98 96	Max WS	1240.74	110.00	117.63		117.66	0.000422	2.12	1377.83	761.30	0.17
RIVER-1	Reach-2	94	Max WS	1242.51	109.00	117.55		117.58	0.000428	2.23	1321.21	772.23	0.17
RIVER-1	Reach-2	92 90	Max WS	1245.02	109.00 109.00 108.00 109.00 107.00 108.00 109.00 108.22	117.46		117.51	0.000397	2.14 2.15 2.15 2.12 2.23 2.27 2.04 2.05 1.23 0.99 1.38 2.79	1185.95	591.81	0.17
RIVER-1	Reach-2	90 88	Max WS	1248.52	108.00	117.40		117.43	0.000329	2.04	1423.41	11/5.5/	0.15
RTVER-1	Reach-2	9.6	Max WS	1254.89	107.00	117.32		117.33	0.000301	1.23	2423.19	1298.94	0.13
RIVER-1	Reach-2	84 82 81.56 81.55 81.30 81.125*	Max WS	1256.30	108.00	117.31		117.32	0.000074	0.99	2882.55	1391.24	0.07
RIVER-1	Reach-2	82	Max WS	1275.60	109.00	117.29		117.31	0.000161	1.38	2169.06	1244.13	0.11
RIVER-1	Reach-2	81.56	Max WS	1275.41	108.22	117.21	113.18	117.32	0.001005	2.79	599.01	1339.14	0.21
RIVER-1	Reach-2	81.33 81.30		1270 09	108 96	116 00		116 43	0.006349	5 26	241.35		0.50
RIVER-1	Reach-2	81.125*	Max WS Max WS	1270.68	108.96 108.90 108.83	116.00 116.04 116.07		116.43 116.35 116.32	0.006349 0.002290 0.001472	5.26 4.50 3.99	241.35 282.44 318.34	70.70 67.91 64.59	0.50 0.39 0.32
RIVER-1	Reach-2	80.95	Max WS	1271.23	108.83	116.07	112.98	116.32	0.001472	3.99	318.34	64.59	0.32
RIVER-1	Reach-2	80.94		Bridge	100 67	116 01		116 27	0.001610	4 00	210 00	66 11	۸ 22
RIVER-I	Reacn-2	80.95 80.94 80.38 80.1312* 79.8825* 79.6337* 79.3849* 79.1362* 78.8875* 78.6387* 78.39 78.1455* 77.90167* 77.4122* 77.1677* 76.678* 76.678* 76.678* 76.678* 77.866 75.86 75.86 75.86 75.86 75.1666* 74.9333* 74.7* 74.4666* 74.2333*	MAX WS MAX WS	1270.09	108.67 108.59 108.50 108.42 108.33 108.25 108.17 108.08 107.93 107.87 107.80 107.73 107.67 107.60 107.53 107.47 107.40	116.01 115.94 115.87 115.80 115.76 115.83 115.84 115.81 115.81 115.81 115.80 115.80 115.79		116.27 116.23 116.18 116.13 116.09 115.99 115.89 115.87 115.85 115.85 115.82 115.82 115.81 115.81	0.001610 0.001742 0.001890 0.002021 0.001976 0.001186 0.000743 0.000584 0.000605 0.000346 0.000300 0.000270 0.000291 0.000368 0.000368 0.000462 0.000568	4.09 4.25 4.42 4.60 4.65 3.73 3.04 2.77 2.89 2.44 2.03 1.92 1.99 2.04 2.22 2.48 2.74	310. 88 298.60 286.05 273.24 359.61 666.74 861.87 916.14 818.25 1016.61 1186.52 1327.03 1446.79 1462.62 1478.54 1408.97 1291.82	66.11 63.42 60.71 59.12	0.33 0.35 0.36 0.37 0.29 0.23 0.20 0.21 0.16 0.15 0.14 0.15 0.16 0.15
RIVER-1	Reach-2	79.8825*	Max WS	1264.75	108.50	115.87		116.18	0.001890	4.42	286.05	60.71	0.36
RIVER-1	Reach-2	79.6337*	Max WS	1256.69	108.42	115.80		116.13	0.002021	4.60	273.24	59.12	0.37
RIVER-1	Reach-2	79.3849*	Max WS	1254.11	108.33	115.76		116.09	0.001977	4.65	359.61	563.38	0.37
RIVER-1	Reach-2	79.1362° 78.8875*	Max WS	1259.17	108.23	115.83		115.99	0.001186	3.73	861.87	554.80	0.23
RIVER-1	Reach-2	78.6387*	Max WS	1259.64	108.08	115.83		115.89	0.000584	2.77	916.14	454.26	0.20
RIVER-1	Reach-2	78.39	Max WS	1256.65	108.00	115.80		115.87	0.000605	2.89	818.25	327.24	0.21
RIVER-1	Reach-2	78.1455*	Max WS	1257.17	107.93	115.81		115.85	0.000433	2.44	1016.61	403.69	0.18
RIVER-I	Reach-2	77.9011* 77.6566*	Max WS May WS	1257.16	107.87	115.80		115.83	0.000340	2.10	1327.03	556.58	0.10
RIVER-1	Reach-2	77.4122*	Max WS	1256.64	107.73	115.80		115.82	0.000270	1.92	1446.79	633.03	0.14
RIVER-1	Reach-2	77.1677*	Max WS	1255.56	107.67	115.79		115.82	0.000291	1.99	1462.62	563.38 582.95 554.80 454.26 454.26 403.69 480.14 556.58 633.03 709.49 785.94 862.38 933.13 909.90	0.14
RIVER-1	Reach-2	76.9233*	Max WS	1255.01	107.60	115.78		115.81	0.000308	2.04	14/8.54 1408 97	/85.94 862 38	0.15
RTVER-1	Reach-2	76.4344*	Max WS Max WS	1253.31	107.47	115.76		115.81	0.000462	2.48	1291.82	933.13	0.18
RIVER-1	Reach-2	76.19	Max WS	1252.15	107.40	115.76 115.74 115.57		115.81	0.000568	2.74	1142.14	909.90	0.20
RIVER-1	Reach-2	75.86	Max WS	1237.14	107.22	115.57	112.16	115.77	0.001113	3.84	509.36	438.43	0.28
RIVER-1	Reach-2	/5.85 75.40	May MS	Briage 1245 28	106 63	115 57		115 75	0.001223	3 61	502 05	398 46	0.29
RTVFR-1	Reach-2	75.1666*	Max WS	1248.47	106.69	115.61		115.71	0.000780	2.83	749.79	552.37	0.23
RIVER-1	Reach-2	74.9333*	Max WS	1249.73	106.75	115.62		115.68	0.000580	2.37	954.86	686.22	0.20
RIVER-1	Reach-2	74.7*	Max WS	1249.73	106.82	115.62		115.66	0.000447	2.01	1177.34	828.53	0.17
RIVER-1	Reach-2	/4.4666* 74 2333*	Max WS	1249.73	106.88	115.62		115.65	0.000331	1.71	1688.94	1112.47	0.13
RTVFR-1	Reach-2	74.2333	Max WS	1249.07	107.00	115.62		115.63	0.000218	1.24	1972.69	1253.22	0.12
RIVER-1	Reach-2	73.5*	Max WS	1248.40	107.21	115.61		115.62	0.000178	1.20	2128.58	1284.31	0.11
RIVER-1	Reach-2	73.*	Max WS	1247.70	107.43	115.60		115.61	0.000149	1.16	2292.60	1315.07	0.10
RIVER-I	Reach-2	74. 73.5* 73.* 72.5* 72.5* 71.5* 71.* 70.5*	Max WS	1246.99	107.63	115.60		115.60	0.000128	3.61 2.83 2.37 2.01 1.71 1.45 1.24 1.20 1.16 1.14 1.12 2.43 3.07	2599.06	398.46 552.37 686.22 828.53 972.86 1112.47 1253.22 1284.31 1315.07 1345.96 1376.28 986.09 448.35 185.76 102.36 94.25	0.09
RIVER-1	Reach-2	71.5*	Max WS	1568.18	107.65	115.55		115.61	0.000588	2.43	1336.49	986.09	0.19
RIVER-1	Reach-2	71.*	Max WS	1568.17	107.44	115.46		115.59	0.000993	3.07	727.44	448.35	0.24
RIVER-1	Reach-2	70.5*	Max WS	1568.08	107.24	115.39		115.53	0.001050	3.08	560.81	185.76	0.24 0.21
RIVER-1	Reach-2	70 69.*	Max WS May WS	1568.12	107.03	115.22		115.37	0.000343	2.84 3.16 3.48 3.57	496.76	94.25	0.24
RIVER-1	Reach-2	68	Max WS	1568.00	107.68	115.04		115.23	0.001632	3.48	450.40	89.21	0.27
RIVER-1	Reach-2	67.5*	Max WS	1567.99	107.54	114.97		115.15	0.001638	3.57	482.81	112.04	0.28
RIVER-1	Reach-2	67 66	Max WS	1567.95	107.40	114.86		115.06	0.002018	3.85 4.15	404.38 430 93	133.09	0.30
RIVER-1 RIVER-1	Reach-2	65.*	MAX WS MAX WS	1567.74	107.20	115.57 115.61 115.62 115.62 115.62 115.62 115.62 115.60 115.60 115.55 115.46 115.39 115.36 115.22 115.04 114.91 114.91		114.63	0.001772	3.67	478.17	173.80	ŏ.31
RIVER-1	Reach-2	65.* 64 63.5*	Max WS	1567.69	107.00	114.28		114.47	0.001497	3.47	467.68	187.04	0.31
RIVER-1	Reach-2	63.5*	Max WS	1567.63	106.90	114.21		114.40	0.001529	3.42	476.00	208.50	0.31
RIVER-1	Reach-2	63.* 62.5*	Max WS	1567.57 1567.62	106.81 106.71	114.14 114.07		114.32 114 25	0.001502	3.33	491.45	233.14	0.32
RIVER-1 RIVER-1	Reach-2 Reach-2	62.*	Max WS Max WS Max WS	1177.47 1150.86 1102.71 1027.84 11237.56 1238.74 1241.51 1245.02 1245.02 1254.89 1256.30 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.60 1275.71 1254.89 1270.09 1270.09 1270.09 1270.09 1270.09 1270.09 1270.09 1270.10 1270.09 1270.	106.63 106.69 106.75 106.82 106.88 106.94 107.00 107.21 107.43 107.65 107.64 107.65 107.44 107.24 107.35 107.54 107.54 107.50 107.40 107.40 107.40 107.40 107.40 106.81 106.62 106.53 106.43	114.01		115.75 115.71 115.68 115.68 115.65 115.64 115.63 115.61 115.61 115.60 115.61 115.53 115.48 115.37 115.23 115.15 114.43 114.40 114.32 114.47 114.40 114.32 114.17 114.09 114.02	0.001223 0.000780 0.000780 0.000580 0.000447 0.000351 0.000274 0.00018 0.000149 0.000128 0.000133 0.000588 0.000993 0.001050 0.001632 0.001632 0.001638 0.002018 0.002018 0.002018 0.001497 0.001572 0.001497 0.001575 0.001575 0.001575	3.85 4.15 3.67 3.47 3.42 3.38 3.33 3.27 3.21	502.05 749.79 954.86 1177.34 1419.44 1688.94 1972.69 2128.58 2292.60 2446.18 2599.06 1336.49 727.44 560.81 553.79 496.76 450.40 482.81 464.58 430.93 478.17 467.68 476.00 483.05 491.45 503.70 517.28 540.34	94.25 89.21 112.04 135.09 133.34 173.80 187.04 208.50 229.06 233.14 202.57 208.57	0.29 0.23 0.20 0.17 0.15 0.13 0.12 0.11 0.10 0.09 0.24 0.24 0.21 0.24 0.27 0.28 0.30 0.33 0.31 0.31 0.31 0.31 0.32 0.32 0.32
RIVER-1	Reach-2	62.* 61.5*	Max WS	1567.51	106.53	114.01 113.94		114.09	0.001544	3.21	517.28	208.57	0.31
RIVER-1	Reach-2	61.*	Max WS	1567.46	106.43	113.88		114.02	0.001361	3.11	540.34	211.30	0.29

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RIVER-1	Reach-2	60.5*	Max WS	1567.51	106.33	113.83		113.96	0.001200	2.96	574.57	221.35	0.28
RIVER-1	Reach-2	60	Max WS	1567.46	106.24	113.79		113.91	0.001036	2.79	615.63	232.39	0.26
RIVER-1	Reach-2	59.*	Max WS	1567.45	106.07	113.70		113.81	0.000872	2.76	703.97	364.51	0.24
RIVER-1	Reach-2	58	Max WS	1567.43	105.90	113.67		113.74	0.000449	2.38	1054.05	477.94	0.18
RIVER-1	Reach-2	57.2	Max WS	1567.42	107.05	113.60	110.84	113.71	0.000885	3.03	848.73	422.33	0.25
RIVER-1	Reach-2	57.19		Bridge	107.05	113 40		112 62	0.001003	2 20	770 CF	402.40	0.27
RIVER-1	Reach-2	56.9	Max WS	1567.41	107.05	113.49		113.62 113.53	0.001093	3.28 2.54	770.65	402.40 385.51	0.27 0.20
RIVER-1	Reach-2	56	Max WS	1567.40	105.90	113.44 113.38		113.33	0.000575 0.000405	2.34 1.87	866.72 1175.29	561.84	0.20
RIVER-1	Reach-2	54	Max WS	1567.38	105.80	113.30		113.45	0.000403	2.14	1024.32	326.08	0.10
RIVER-1	Reach-2	52 50.*	Max WS Max WS	1695.14 1694.41	105.60 105.54	113.21		113.20	0.000826	2.61	926.97	304.98	0.21
RIVER-1	Reach-2	30.^ 48		1693.26	105.47	112.86		112.95	0.000844	3.10	873.24	288.20	0.24
RIVER-1	Reach-2 Reach-2	46.*	Max WS Max WS	1693.26	105.88	112.74		112.80	0.000569	2.54	1114.90	357.58	0.20
RIVER-1	Reach-2	46.° 44	Max WS Max WS	1692.64	106.29	112.66		112.70	0.000371	2.11	1372.22	431.34	0.16
RIVER-1 RIVER-1	Reach-2	42.*	Max WS Max WS	1692.48	106.23	112.58		112.63	0.000371	2.24	1279.01	422.96	0.17
RIVER-1	Reach-2	40	Max WS	1692.46	106.33	112.49		112.55	0.000420	2.30	1215.91	415.48	0.18
RIVER-1	Reach-2	38.*	Max WS	1692.42	106.01	112.44		112.47	0.000258	1.83	1565.94	494.82	0.14
RIVER-1	Reach-2	36	Max WS	1692.35	105.68	112.40		112.42	0.000228	1.75	1666.07	524.80	0.13
RIVER-1	Reach-2	35.22	Max WS	1692.34	104.52	112.17		112.46	0.001528	4.29	394.59	75.33	0.33
RIVER-1	Reach-2	34.82	Max WS	1692.34	104.52	112.10	108.74	112.39	0.001586	4.35	389.34	74.93	0.34
RIVER-1	Reach-2	34.81	Mux 113	Bridge	101132	111110	2001.		0.002000	*****			
RIVER-1	Reach-2	34.34	Max WS	1692.30	104.30	110.96		111.66	0.005972	6.71	252.11	68.28	0.62
RIVER-1	Reach-2	33.67*	Max WS	1692.23	104.12	110.92		111.35	0.003257	5.30	319.56	79.01	0.46
RIVER-1	Reach-2	33	Max WS	1692.23	103.93	111.01		111.16	0.001064	3.37	806.99	585.00	0.27
RIVER-1	Reach-2	32.*	Max WS	1692.22	103.40	110.90		111.03	0.001062	3.10	843.82	667.32	0.27
RIVER-1	Reach-2	31.*	Max WS	1692.20	102.88	110.75		110.89	0.001480	3.18	795.84	741.06	0.30
RIVER-1	Reach-2	30	Max WS	1692.19	102.35	110.42		110.65	0.003932	4.03	599.65	982.60	0.47
RIVER-1	Reach-2	28.*	Max WS	1692.00	102.33	109.75		109.97	0.003615	4.26	701.71	890.44	0.46
RIVER-1	Reach-2	26	Max WS	1691.76	102.32	109.38		109.45	0.001611	3.22	1205.20	1056.96	0.31
RIVER-1	Reach-2	24.*	Max WS	1691.59	101.66	109.04		109.16	0.002920	3.89	999.84	1213.46	0.41
RIVER-1	Reach-2	22	Max WS	1691.36	101.00	108.72		108.77	0.001920	2.82	1218.83	1112.46	0.32
RIVER-1	Reach-2	20.*	Max WS	1690.95	101.54	108.38		108.44	0.002207	3.06	1133.84	1026.16	0.35 0.36
RIVER-1	Reach-2	18	Max WS	1690.42	102.09	108.01		108.07	0.002453	3.24	1095.81	907.44	0.36
RIVER-1	Reach-2	16.*	Max WS	1689.86	101.85	107.73		107.75	0.001286	2.34 1.38	1532.32 2160.10	1240.37 1249.25	0.26
RIVER-1	Reach-2	14	Max WS	1689.45	101.61	107.60		107.61 107.55	0.000447 0.000295	1.15	2452.52	1248.57	0.13
RIVER-1	Reach-2	12.*	Max WS	1689.34	101.26	107.54		107.55	0.000293	1.03	2751.93	1225.27	0.13
RIVER-1	Reach-2	10	Max WS	1689.25 1688.80	100.90 100.30	107.50 107.11		107.31	0.00198	3.68	1258.65	1320.95	0.10 0.33 0.22
RIVER-1	Reach-2	6	Max WS	1688.30	99.70	106.66		106.69	0.001827	2.59	2089.58	2290.60	0.22
RIVER-1	Reach-2	0	Max WS	1688.21	99.40	106.43	105.82	106.54	0.001501	3.71	1390.80	2024.17	0.31
RIVER-1	Reach-2	U	Max WS	T000.7T	33.40	TOO.43	103.02	100.34	0.001301	3.11	1330.00	2021121	0.51

Appendix P-11: HEC-RAS Results, Anatolia III – Alternative 'C' Model, 10-Year, 24-Hour Storm

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HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

x	х	XXXXXX	XX	xx		XX	XX	х	x	XXXX
Х	X	X	X	X		Х	X	X	Х	X
X	Х	X	Х			Х	Х	Х	Х	X
XXX	XXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Х	Х	Х	X
X	X	X	X	Х		X	X	Х	Х	X
Y	Y	YYYYYY	YX	ΥY		Y	Y	X	Y	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 2:41:11 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2	Reach-1	11900	Max WS	318.10	158.00	162.26		162.26	0.000028	0.30	1053.95	296.98	0.03
RIVER-2	Reach-1	11850.*	Max WS	317.18	157.71	162,26		162.26	0.000028	0.30	1071.62	314.59	0.03
RIVER-2	Reach-1	11800	Max WS	317.17	157,42	162.26		162.26	0.000011	0.20	1567.27	412.19	0.02
RIVER-2	Reach-1	11750.*	Max WS	316.27	156.96	162.26		162.26	0.000012	0.21	1530.12	400.13	0.02
RIVER-2	Reach-1	11700	Max WS	316.26	156.50	162.26		162.26	0.000010	0.20	1562.08	376.83	0.02
RIVER-2	Reach-1	11650.*	Max WS	316.25	156.25	162.26		162.26	0.000011	0.21	1476.20	351.23	0.02
RIVER-2	Reach-1	11600	Max WS	317.13	156.00	162.26		162.26	0.000012	0.22	1426.17	331.19	0.02
RIVER-2	Reach-1	11550.*	Max WS	316.24	155.05	162.26		162.26	0.000011	0.22	1440.70	337.28	0.02
RIVER-2	Reach-1	11500	Max WS	314.51	154.11	162.26		162.26	0.000011	0.22	1450.46	338.65	0.02
RIVER-2	Reach-1	11450.*	Max WS	315.36	154.05	162.26		162.26	0.000010	0.20	1541.01	374.30	0.02
RIVER-2	Reach-1	11400	Max WS	315.35	154.00	162.26		162.26	0.000009	0.19	1642.67	403.12	0.02
RIVER-2	Reach-1	11350.*	Max WS	314.50	154.00	162.26		162.26	0.000008	0.18	1720.82	407.18	0.02
RIVER-2	Reach-1	11300	Max WS	315.34	154.00	162.26		162.26	0.000007	0.17	1889.63	455.23	0.01
RIVER-2	Reach-1	11250.*	Max WS	313.67	154.00	162.26		162.26	0.000005	0.15	2068.50	462.11	0.01
RIVER-2	Reach-1	11200	Max WS	314.49	154.00	162.25		162.26	0.000004	0.14	2260.05	478.49	0.01
RIVER-2	Reach-1	11150.*	Max WS	314.47	153.00	162.25		162.25	0.000003	0.13	2475.19	498.27	0.01
RIVER-2	Reach-1	11100	Max WS	313.67	152.00	162.25		162.25	0.000003	0.12	2688.48	533.88	0.01
RIVER-2	Reach-1	11050.*	Max WS	312.89	152.00	162.25		162.25	0.000002	0.11	2893.23	545.86	0.01
RIVER-2	Reach-1	11000	Max WS	314.44	152.00	162.25		162.25	0.000002	0.10	3156.66	574.08	0.01
RIVER-2	Reach-1	10887.5*	Max WS	314.41	152.00	162.25		162.25	0.000001	0.09	3544.63	584.15	0.01
RIVER-2	Reach-1	10775.*	Max WS	313.66	152.00	162.25		162.25	0.000001	0.08	4062.98	603.40	0.01
RIVER-2	Reach-1	10662.5*	Max WS	313.64	152.00	162.25		162.25	0.000001	0.07	4656.72	639.10	0.00
RIVER-2	Reach-1	10550	Max WS	315.09	152.00	162.25		162.25	0.000000	0.06	5300.80	681.71	0.00
RIVER-2	Reach-1	10490.*	Max WS	314.32 313.62	151.60	162.25		162.25	0.000000	0.05	5881.47	785.23	0.00
RIVER-2	Reach-1	10430.*	Max WS	313.62	151.20	162.25		162.25	0.000000	0.05	6425.27	882.60	0.00
RIVER-2	Reach-1	10370.*	Max WS	314.26	150.80	162.25		162.25	0.000000	0.05	6934.94	981.91	0.00
RIVER-2	Reach-1	10310.*	Max WS	314.84 314.21	150.40	162.25		162.25	0.000000	0.04	7425.21	1052.67	0.00 0.00
RIVER-2	Reach-1	10250	Max WS	314.21	150.00	162.25		162.25	0.000000	0.04	7920.65	1129.89	0.00
RIVER-2	Reach-1	10200.*	Max WS	313.60	150.00	162.25		162.25	0.000000	0.04	7404.53	965.93	0.00
RIVER-2	Reach-1	10150	Max WS	314.15	150.00	162.25		162.25	0.000000	0.05	6907.02	856.56 847.82	0.00
RIVER-2	Reach-1	10100.*	Max WS	314.14	150.00	162.25		162.25	0.000000	0.05	6583.04 6356.18	775.23	0.00
RIVER-2	Reach-1	10050	Max WS	314.11	150.00	162.25		162.25	0.000000	0.05	6613.16	795.07	0.00
RIVER-2	Reach-1	10000.*	Max WS	314.09	150.00	162.25		162.25	0.000000	0.05		815.03	0.00
RIVER-2	Reach-1	9950	Max WS	313.61	150.00	162.25		162.25	0.000000	0.05	6884.85	073.03	0.00

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RIVER-2	Reach-1	9900.*	Max WS	313.59 313.58	150.00 150.00	162.25		162.25 162.25	0.000000	0.04	7538.18	1039.59 1201.12	0.00
RIVER-2	Reach-1 Reach-1	9850	Max WS	313.58	150.00	162.25		162.25	0.000000	0.04	8149.41	1201.12	0.00
RIVER-2	Reach-1	9800.*	Max WS	313.55 313.99	150.00 150.00	162.25		162.25	0.000000 0.000000	0.04 0.04	7946.07	1391.33	0.00 0.00
RIVER-2	Reach-1	9750 9675.*	Max WS Max WS	313.99	149 36	162.25		162.23	0.000000	0.04	8938 59	1430.41	0.00
RTVFR-2	Reach-1	9600	Max WS	313.54	148.73 148.36 148.00	162.25		162.25	0.000000	0.03	9722.62	1534.90	0.00
RIVER-2	Reach-1	9600 9550.*	Max WS	313.88	148.36	162.25		162.25	0.000000	0.03 0.02	11983.13	1678.72	0.00 0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	9500	Max WS	313.95 313.54 313.88 313.85 313.76 313.79 313.73 313.49 313.64 313.60 313.50 313.63	148.00	162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25		162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25 162.25	0.000000 0.000000 0.000000 0.000000	0.02	7946.07 8242.18 8938.59 9722.62 11983.13 14412.61 15411.87 16748.33 16193.90 15520.29 14492.15 13415.52 13005.73 12674.67 13031.26	1391.53 1456.41 1495.74 1534.90 1678.72 1729.97 1761.69 1776.63 1704.95 1608.95 1432.17 1249.52 1127.96 1022.80 995.69	0.00
RIVER-2	Reach-1	9450.*	Max WS	313.81	147.00	162.25		162.25	0.000000	0.02	15411.87	1761.69	0.00
KIVER-2	Reach-1	9400 9350.*	Max WS Max WS	313./b	146.00	162.25		162.25	0.000000	0.02	16103 00	17/6.63	0.00 0.00
RIVER-2	Peach-1	9300."	Max WS Max WS	313.33	145.51 145.02	162 .25		162.25	0.000000 0.000000 0.000000 0.000000 0.000000	0.02 0.02 0.02	15520.29	1608.95	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	9200 *	Max WS	313.49	144.51 144.00 144.00 144.00 143.08	162.25		162.25	0.000000	0.02	14492.15	1432.17	0.00
RIVER-2	Reach-1	9100 9050.* 9000	Max WS	313.64	144.00	162.25		162.25	0.000000	0.02 0.02 0.02 0.02 0.02	13415.52	1249.52	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9050.*	Max WS	313.60	144.00	162.25		162.25	0.000000	0.02	13005.73	1127.96	0.00
RIVER-2	Reach-1	9000	Max WS	313.50	144.00	162.25		162.25	0.000000	0.02	126/4.6/	1022.80	0.00
RIVER-2 RIVER-2	Reach-1	8900.*	Max WS Max WS	313.03	143.00	162.23		162.23	0.000000	0.02	13247.20	993.09	0.00
	Reach-1	8800 8700.*	Max WS	313.52 313.50	142.16 143.70	162.25 162.25 162.25		162.25	0.000000	0.03	12461.84	950.91 980.52 988.38	0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	8600	Max WS		145.24	162.25	145.81	162.25	0.000000	0.03	11936.12	988.38	0.00 0.00
RIVER-2	Reach-1	8500	nax no	313.48 Inl Struct 313.47 314.80 316.14 317.48 318.82 320.16 321.50 322.84 324.19 325.53 326.88 328									
RIVER-2	Reach-1	8450 8350.* 8150.* 8050.* 7950.* 7850.* 7650.* 7450.* 7350.* 7350.* 7350.* 6950.* 6850.* 6850.*	Max WS	313.47	140.56 140.09 139.60 139.11	152.52 152.13 151.72 151.30 150.87 150.44 149.99 149.54 148.58 148.58		152.64	0.003337 0.004218 0.004237 0.004281 0.004343 0.004417 0.004520 0.004678 0.004847 0.004919 0.0050081	2.76 2.91 2.92 2.93	113.40	29.32	0.25 0.26 0.27 0.27 0.27
RIVER-2	Reach-1	8350	Max WS	314.80	140.09	152.13		152.26	0.004218	2.91	108.09	28.78	0.26
RIVER-2	Reach-1	8250.*	Max WS	316.14	139.60	151.72		151.85	0.004237	2.92	108.28	29.01	0.27
KIVER-Z	Reach-1	8720.*	Max WS Max WS	317.48 219.92	139.11	151.30		151.45	0.004261	2.93	108.41	29.20	0.27
DTVED-2	Peach-1	7950 *	Max WS	320.02	138.62 138.13 137.64	150.44		150.57	0.004343	2.94 2.95 2.96 2.98	108.49	29.87	0.27
RIVER-2	Reach-1	7850.*	Max WS	321.50	137.64	149.99		150.13	0.004520	2.96	108.55	30.43	0.28
RIVER-2	Reach-1	7750.*	Max WS Max WS	322.84	137.15 136.66 136.17 135.68	149.54		149.67	0.004678	2.98	108.51	31.29	0.28
RIVER-2	Reach-1	7650.*	Max WS	324.19	136.66	149.06		149.20	0.004847	2.99 3.00 3.02 3.03	108.42	32.15	0.29
	Reach-1	7550.*	Max WS	325.53	136.17	148.58		148.72	0.004919	3.00	108.45	32.38	0.29
RIVER-2	Reach-1	/450.* 7350.*	Max WS	326.88	135.68	148.08		148.23	0.005002	3.02	108.30	32.32 32.57	0.29
RIVER-2 RIVER-2	Reach-1	/33U." 7250 *	Max WS Max WS	320.23	133.19	147.36		147.73	0.003081	3.05	108.18	32.54	0.29
DTV/ED_2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	7150.*	Max WS	328.23 329.58 330.93 332.29 333.65 335.00 336.36 337.72 339.09 340.22 341.36 342.51 343.19 343.87 345.24	135.19 134.70 134.21 133.72	147.58 147.07 146.56 146.03		146.71	0.005081 0.005139 0.005236 0.005332 0.005487 0.005696 0.006077 0.006820 0.008997 0.008334	3.05 3.07	107.82	32.39	0.27 0.28 0.29 0.29 0.29 0.29 0.29 0.30
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	7050.*	May MS	332.29	133.72	146.03		146.18	0.005332	3.09 3.13 3.17	107.44	32.20	0.30
RIVER-2	Reach-1	6950.*	Max WS Max WS Max WS Max WS	333.65	133.23	145.50		145.65	0.005487	3.13	106.66	31.90	0.30
RIVER-2	Reach-1	6850.*	Max WS	335.00	132.74	144.95		145.10	0.005696	3.17	105.52	31.49	0.31 0.31
RIVER-2	Reach-1	6/50.*	Max WS	330.36	132.23	144.30		144.33	0.006077	3.23	99.67	30.92	0.31
RIVER-2	Reach-1	6550	Max WS	337.72	133.23 132.74 132.25 131.76 131.27 132.84	145.50 144.95 144.36 143.72 142.90 142.19 141.67 141.09 140.74 140.27 139.88 139.53 139.18		143.30	0.008997	3.25 3.39 3.73 3.72 3.27	90.97	28.76	0.33 0.37 0.39 0.34
RIVER-2 RIVER-2	Reach-1	6466.66*	Max WS Max WS Max WS	340.22	132.84	142.19		142.40	0.008334	3.72	91.40	31.66	0.39
RTVFR-2	Reach-1	6466.66* 6383.33*	Max WS	341.36	134.40 135.97	141.67		141.83	0.005420	3.27	104.53	37.17	0.34
RIVER-2	Reach-1	6300	Max WS	342.51	135.97	141.33		141.48	0.003197	3.07	111.41	31.77	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1	6250	Max WS	343.19	136.00	141.09		141.28	0.004682	3.5b	96.31 82.64	29.07	0.34 0.39 0.34
RIVER-2	Reach-1	6200	Max WS Max WS	343.87	133.00	140.74		141.01	0.000320	3 55	97 23	29 22	0.33
RIVER-2	Reach-1	6100.*	Max WS Max WS	346.63	134.73	139 88		140.03	0.003937	3.16	109.70	35.22	0.32
RTVER-2	Reach-1	5900.*	Max WS	348.00	134.25	139.53		139.66	0.003593	2.91	119.72	41.26	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	5800.*	Max WS Max WS	349.38	136.00 135.00 134.75 134.50 134.25 134.00	139.18		139.30	0.00534 0.005420 0.003197 0.004682 0.006320 0.004703 0.003937 0.003593 0.003571 0.003928	3.27 3.07 3.56 4.16 3.55 3.16 2.91 2.76 2.74	113.40 108.09 108.28 108.41 108.49 108.55 108.51 108.42 108.45 108.36 108.23 108.18 107.82 107.44 106.66 105.52 103.42 99.67 90.97 91.40 104.53 111.41 96.31 82.64 97.23 109.70 119.72 126.37 128.13 121.81	29.32 28.78 29.01 29.28 29.56 29.87 30.43 31.29 32.15 32.38 32.57 32.57 32.54 32.39 32.50 31.90 31.49 30.92 30.15 28.76 31.66 37.17 29.27 29.27 21.26 41.26 47.15 52.40	0.32 0.30 0.30 0.31 0.34
DTVED-1	Reach-1	5700.*	Max WS	350.75	133.75 133.50 133.25	138.82		138.93	0.003928	2.74	128.13	52.40	0.31
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	5600.*	Max WS	352.13	133.50	138.36		138.49	0.005032	2.89 3.58 6.01 3.33	121.81	55.43 46.61	0.34
RIVER-2	Reach-1	5500.*	Max WS	353.50		137.03		137.03	0.008141	6.01	59.03	25.44	0.70
KTAFK-7	Reach-1	5400 5304 54*	Max WS Max WS Max WS	334.00 356 19	132.73	134.91		135.08	0.020010	3.33	107.01	56.53	0.43
RTVFR-2	Reach-1	5209.09*	Max WS	357.52	132.45	134.38		134.47	0.005273	9 4 7	144.55	88.83	0.43 0.34
RIVER-2 RIVER-2 RIVER-2	Reach-1	5113.63*	Max WS	358.84	132.18	133.96		134.03	0.004341	2.06 1.83 1.69	173.94	121.64	0.30
RIVER-2	Reach-1	5018.18*	Max WS Max WS	360.16	131.91	133.59		133.64	0.004027	1.83	196.37	155.06	0.29
RTVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	6250 6200 6100.* 6000.* 5900.* 5800.* 5500.* 5500.* 5400 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45* 4350 4260.*	Max WS	348.00 349.38 350.75 352.13 333.56.19 337.52 358.84 360.16 361.48 362.80 364.11 365.42 366.74	133.00 132.73 132.45 132.18 131.91 131.64 131.36	138.82 138.36 137.65 135.89 134.91 134.38 133.96 133.59 132.94 132.63 132.33 132.03 131.75 131.20		133.30 132.00	0.003928 0.005032 0.008141 0.020810 0.007893 0.005273 0.004027 0.003900 0.003887 0.004181 0.004553 0.004502 0.013867 0.013212	1.69 1.50	214.33 220 02	10/.39 210 <i>4</i> 7	0.28 0.27 0.27
RIVER-2 RIVER-2	Reach-1	482/.2/* 4721 91*	Max WS Max WS	302.8U 364.11	131.30	132.94 132.63		132.90	0.003629	1.50	242.82	253.23	0.27
RIVER-2 RIVER-2	Peach-1	4636 36*	Max WS Max WS	365.42	130.82	132.33		132.37	0.004181	1.45	252.04	292.14	0.28
RIVER-2	Reach-1	4540.90*	Max WS	366.74	130.82 130.55 130.27	132.03		132.06	0.004553	1.41	260.22	335.61	0.28 0.28
RIVER-2	Reach-1	4445.45*	Max WS	368.05	130.27	131.75		131.78	0.004502	1.31	281.33	402.40	0.28
RIVER-2	Reach-1	4350	Max WS	360 36	130.00	131.20		131.26	0.016999	1.91	193.37	424.78	0.50
RIVER-2		4260.*	Max WS	370.48	129.40	130.58		130.63	0.013867 0.013212	1.81	205.36 206.54	423.44 410 67	0.46 0.45
RIVER-2 RIVER-2	Reach-1 Reach-1	4170.* 4080.*	Max WS Max WS	370.48 371.62 372.76	128.80 128.20	130.01 129.62 129.38		152.64 152.26 151.85 151.43 151.01 150.57 150.13 149.20 148.72 148.73 147.73 147.73 146.18 145.10 144.53 143.12 142.40 141.83 141.48 141.28 141.48 141.28 141.39.30 138.49 137.85 138.49 137.85 138.49 137.85 138.49 138.69	0.008512	1.58 1.50 1.45 1.41 1.31 1.91 1.81 1.80 1.55	98. 86 59. 03 107. 01 144. 55 173. 94 196. 37 214. 33 229. 92 242. 82 252. 04 260. 22 281. 33 193. 37 205. 36 206. 54 241. 01	25.44 56.53 88.83 121.64 155.06 187.59 219.47 253.23 292.14 335.61 402.40 424.78 423.44 410.67 432.28 472.87	0.37 0.27
RIVER-2	Reach-1	3990.*	Max WS	372.76	127.60	129.38		129.40	0.004535	1.24	302.26	472.87	0.27

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RIVER-2	Reach-1	3900 3800.* 3700.*	Max WS	375.00	127.00	129.16		129.18	0.003513 0.003855 0.004353	1.13	331.89	491.09	0.24 0.25 0.27
RIVER-2	Reach-1	3800.*	Max WS	3/b.44	126.70	128.88		128.90	0.003855	1.17	321.47	483.44	0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	3600.*	Max WS Max WS	377.00	126.40 126.10	120.00		120.02	0.004837	1.22 1.27	300.32 307.57	475.19	0.27
RIVER-2	Reach-1	3500.*	Max WS	380.71	125.10	128.05		128.08	0.004585	1.27	292 22	426 47	0.28
RIVER-2	Reach-1 Reach-1 Reach-1	3400.*	Max WS Max WS	382.13	125.50	127.78		127.81	0.004426	1.30 1.32 1.33	308.52 297.57 292.22 289.05 287.59	467.22 426.47 401.92 383.65	0.27 0.27
RIVER-2 RIVER-2	Reach-1	3300.*	Max WS	383.53	125.20	127.51		127.54	0.004262	1.33	287.59	383.65	0.27
RIVER-2	Reach-1	3500.* 3400.* 3300.* 3200.*	Max WS	384.93	125.80 125.50 125.20 124.90	127.25		127.28	0.004111				0.27
RIVER-2	Reach-1	3100.*	Max WS	386.33	124.60	126.99		127.02	0.003935	1.33	290.69	367.12	0.26
RIVER-2	Reach-1 Reach-1	3000.*	Max WS Max WS Max WS	387.73	124.30	126.74		126.77	0.003669	1.30	298.41	369.92	0.26 0.25 0.24
RIVER-2 RIVER-2	Reach-1	2900 2812 5*	Max WS Max WS	300 30	124.00	126.31		126.34	0.003224	1.22	310.13	391.83	0.24
RIVER-2	Reach-1	2725 *	Max WS	390.30	123.32	126.03		126.33	0.003332	1.21	322.78	489.88	0.26
RIVER-2	Reach-1 Reach-1 Reach-1	3200.* 3100.* 3100.* 2900 2812.5* 2725.* 2637.5* 2550.* 2462.5* 2275.16* 2183.33* 2087.5* 1991.66* 1895.83*	Max WS Max WS Max WS	392.62	124.90 124.60 124.30 124.00 123.52 123.03 122.55 122.07 121.58	125.70		125.73	0.004837 0.004585 0.004426 0.004262 0.004111 0.003935 0.003669 0.003224 0.004187 0.005817 0.006224 0.004855 0.004155	1.34 1.30 1.22 1.17 1.21 1.34 1.37 1.29	287.48 290.69 298.41 318.13 333.12 322.78 292.53 287.40 305.71 309.06	367.101 367.12 369.92 391.85 448.60 489.88 487.94 488.91 473.54	0.31 0.31 0.28 0.27
RIVER-2 RIVER-2	Reach-1	2550.*	Max WS	393.76	122.07	125.42		125.45	0.006224	1.37	287.40	488.91	0.31
RIVER-2	Reach-1	2462.5*	Max WS	394.89	121.58	125.18		125.21	0.004885	1.29	305.71	473.54	0.28
RIVER-2		2375	Max WS	396.04	121.10	124.91		124.94	0.004155	1.28	309.06	428.86	0.27
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	22/9.16*	Max WS Max WS	397.29		124.01 124.27		124.04	0.005006		299.82	455.24 513.92 528.34 535.02	0.29 0.28 0.25 0.25
RIVER-2	Peach-1	2087 5*	Max WS	390.34	121.03 121.00 120.97	124.37		124.33	0.004915 0.003778 0.003629	1.26 1.15 1.13	347 49	528 34	0.25
RTVFR-2	Reach-1	1991.66*	Max WS	401.02	120.97	123.88		123.90	0.003629	1.13	354.15	535.02	0.25
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	1895.83*	Max WS	402.26	120.93	123.62		123.63	0.003612	1.13	356.06	537.92	0.24
RIVER-2	Reach-1	1800	Max WS Max WS	403.49	120.90	123.43		123.44	0.002533	1.01	400.83	551.79	0.21
RIVER-2	Reach-1	1705.*	Max WS	404.71	120.93 120.90 120.43 119.95	123.26		123.28	0.002350	1.01 1.01 1.05	402.45	537.92 551.79 524.45 495.07 476.71	0.20 0.21
RIVER-2	Reach-1	1610.*	Max WS	405.93	119.95	123.06		123.08	0.002493	1.05	387.09	495.07	0.21
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	1313."	Max WS Max WS Max WS	407.13	110 00	122.00		122.02	0.003139	1 27	326.31	456.59	0.23 0.26
RIVER-2	Reach-1	1324.61*	Max WS	408.34	118.62 118.23 117.85 117.46	122.18		122.20	0.003772	1.26	328.92	461.75	0.26
RIVER-2		1229.23*	Max WS	408.33	118.23	121.85		121.87	0.004002	1.27	324.44	464.55	0.26 0.26 0.27
RIVER-2	Reach-1	1133.84*	Max WS	408.30	117.85	121.55		121.57	0.004061	1.27	325.47	468.50	0.26
RIVER-2	Reach-1	1038.46*	Max WS	408.28	117.46	121.21		121.24	0.004021	1.35	315.01	480.00	0.27
RIVER-2 RIVER-2	Reach-1	943.0/6*	Max WS Max WS	408.26	117.08	120.86		120.89	0.004422	1.44 1 51	297.14	432.49 362 07	0.28
RIVER-2	Reach-1	752 307*	Max WS Max WS	408.24	116.09	120.31		120.34	0.004003	1.62	268.60	311.74	0.27
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1800 . * 1705 . * 1610 . * 1515 . * 1420 . 1324 . 61* 1229 . 23* 1133 . 84* 1038 . 46* 943 . 076* 847 . 692* 752 . 307* 656 . 923* 561 . 538* 466 . 153* 370 . 769* 275 . 384*	Max WS	408.21	116.69 116.31 115.92 115.54	128.88 128.60 128.32 128.05 127.78 127.51 127.25 126.99 126.74 126.51 126.53 125.70 125.42 125.18 124.91 124.37 124.15 123.88 123.62 123.88 123.62 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 124.15 123.88 123.12 123.12 12		119.81	0.003612 0.002533 0.0022530 0.002493 0.003159 0.003828 0.003772 0.004001 0.004021 0.004021 0.004021 0.00403 0.004041 0.004395 0.004306 0.003917	1.27 1.26 1.27 1.35 1.44 1.51 1.62 1.72	299. 82 317.01 347.49 354.15 356.06 400.83 402.45 387.09 355.55 326.31 328.92 324.44 325.47 315.01 297.14 286.10 268.60 253.67 244.51	4/6./1 456.59 461.75 464.55 468.50 480.00 432.49 362.97 311.74 283.90 258.02 234.12	0.27 0.28 0.29 0.29 0.27 0.27 0.27 0.46 0.43
RIVER-2		561.538*	Max WS	408.19	115.54	119.44		119.48	0.004306	1.77	246.51	258.02	0.29
RIVER-2	Reach-1 Reach-1 Reach-1	466.153*	Max WS Max WS	408.19	115.15 114.77 114.38 114.00	119.14		119.18	0.003917	1.80	244.22	234.12	0.28
RIVER-2	Reach-1	370.769*	Max WS	408.16	114.77	118.86		118.91	0.003492 0.003376 0.003368	1.82 1.93	240.94	206.32	0.27
RIVER-2 RIVER-2	Reach-1	2/3.384* 180	Max WS Max WS	407.73 320.38	114.30	110.30		118 22	0.003376	1.97	162 51	98 89	0.27
RTVER-2	Reach-1	326	Max WS	79.09	160 00	170.32		170.41	0.005168	2.45	44.03	111.30	0.46
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	326 325.5* 325.* 324.5*	Max WS Max WS Max WS Max WS	78.92	168.75 168.50 168.25 168.00 167.02	170.10		170.17	0.004551	2.31	240.94 220.17 162.51 44.03 49.32 53.00	152.92 98.89 111.30 123.60	0.43
RIVER-1	Reach-1	325.*	Max WS	87.93	168.50	169.84		169.92	0.005489	2.51	53.00	334 03	0.47
RIVER-1	Reach-1	324.5*	Max WS	90.65	168.25	169.56		169.64	0.006353	2.64	53.29 60.39 33.28	142.36 174.78 64.10 21.97	0.51 0.50
RIVER-1 RIVER-1	Keacn−1	324 323.* 322 320 319.*	Max WS	90.47	168.00	169.26		168 83	0.006270	2.58 3.13 3.78	33 28	64 10	0.50
RIVER-1	Reach-1 Reach-1	323."	Max WS May WS	90.83	166.04	167.84		168.06	0.000481	3.78	24.03	21.97	0.53 0.64
RIVER-1	Reach-1	320	Max WS Max WS Max WS	103.61	166.04 166.00 166.00 166.00	167.37		167.43	0.006042	283	86.19	242.38	0.50
RIVER-1	Reach-1	319.*	Max WS	103.65	166.00	167.16		167.19	0.002451	1.45	94.24	345.11	0.31
RIVER-1	Reach-1 Reach-1	318 317.*	Max WS Max WS	103.72	166.00	167.84 167.37 167.16 166.95 166.69 166.17 165.10 164.77		166.97	0.003368 0.005168 0.004551 0.005489 0.006353 0.006270 0.006611 0.009481 0.002451 0.002451 0.007164 0.007247 0.007364 0.002541 0.004280	1.45 1.30 1.21	33.28 24.03 86.19 94.24 79.79 86.18 53.05 58.20 73.10 62.08 111.64	21.97 242.38 345.11 161.75 166.71 106.66 114.25 221.23 206.94 339.79	0.33 0.30
RIVER-1	Reach-1	317.*	Max WS	104.05	165.50 165.00 164.50	166.69		166./1	0.002547	1.21	80.18	106.71	0.30
RIVER-1 RIVER-1	Reach-1 Reach-1	316 315.*	Max WS Max WS	104.67	165.00	100.17		165.23	0.007164	1.97 1.83 1.63 2.15	58.20	114 25	0.45
RIVER-1	Reach-1	313.°	Max WS Max WS	108.49		165.10		165.14	0.003500	1.63	73.10	221.23	0.32
RIVER-1	Reach-1 Reach-1	314 313.* 312 311.*	Max WS	109.37	163.50	164.77		164.84	0.004280	2.15	62.08	206.94	0.45 0.32 0.42 0.36 0.60 0.32
RIVER-1	Reach-1	312	Max WS Max WS	110.61	163.00	164.47		164.50	0.003283	1.85	111.64	339.79	0.36
RIVER-1	Reach-1	311.*	Max WS	111.92	162.50	163.92		164.03	0.009190	2.99	60.95		0.60
RIVER-1	Reach-1	310	Max WS	113.30	162.00	163.49		163.52	0.002331	1.80 3.06	108.23 27.27	220.91 47.83	0.32
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	309.*	Max WS Max WS Max WS	114.40 115 53	164.00 163.00 162.50 162.00 161.26 160.51 159.76 159.00 159.00	162.91		162 55	0.009190 0.002331 0.009488 0.001351	1.41	60.95 108.23 37.37 110.51 65.20	220.91 47.83 156.64 93.75	0.24
RIVER-1 RIVER-1	Reach-1	308 307.*	Max WS	116.12	159.76	162.34		162.40	0.002688	2.01	65.20	93.75	0.24 0.34
RIVER-1	Reach-1	306	Max WS	116.73	159.00	161.90		162.02	0 006286	2.81	41.48	43.46	0.51
RIVER-1	Reach-1	305 *	Max WS	117.90	159.00	161.38		161.47	0.005308 0.002921 0.001723 0.001359	2.48	47.59	53.98	0.46
RIVER-1	Reach-1 Reach-1	304	Max WS	118.42	159.00	161.07		161.12	0.002921	1.85	71.86	315.92 156.64	0.35 0.28
RIVER-1	Reach-1	303.**	Max WS Max WS	119.29		160.89		160.93	0.001/23	1.79 1.97	89.69 107.70	156.64 147.04	0.26
RIVER-1 RIVER-1	Reach-1 Reach-1	304 303.* 302 301.*	Max WS Max WS	120.29 121 24	158 25	160.76		160.67	0.001865	2.24	95.46	168.36	0.30
RIVER-1 RIVER-1	Reach-1	300	Max WS	375.00 376.44 377.86 379.29 380.71 382.13 383.53 384.93 389.30 391.462 393.76 394.89 399.78 401.02 403.49 404.71 408.34 408.33 408.28 408.22 408.21 408.21 408.75 320.38 78.92 87.93 90.47 90.87 103.65 104.67 106.49 108.37 110.61 111.30 114.46 115.73 117.61 1113.30 114.46 115.73 116.73 117.61 118.42 119.29 121.24 122.95	158.50 158.25 158.00	164.47 163.92 163.49 162.91 162.52 162.34 161.90 161.38 161.07 160.89 160.76 160.61 160.43 160.22		129.18 128.90 128.62 128.35 128.81 127.54 127.54 127.02 126.54 126.33 126.05 125.45 125.45 125.45 125.45 125.45 125.45 125.45 125.57 124.94 124.69 124.17 123.90 123.44 123.28 122.82 122.53 123.44 123.98 122.82 122.53 123.44 123.98 120.89 120.17 119.81 120.89 120.17 119.81 118.63 127.04 120.17 119.88 118.63 166.74 169.94 169.34 168.83 168.86 167.43 168.83 168.96 167.43 168.83 168.96 169.34 168.83 168.97 166.71 169.92 169.34 168.83 168.96 167.43 168.83 168.96 167.43 168.83 168.97 166.71 169.92 169.34 168.83 168.96 167.43 168.83 168.96 167.43 168.83 168.96 169.34 168.83 168.96 169.34 168.83 168.96 169.34 168.83 168.96 169.34 168.83	0.002516 0.003027	2.43	92.45	215.77	0.35
RIVER-1	Reach-1	299.*	Max WS	122.95	158.31	160.22		160.28	0.003027	2.62	87.94	146.53	0.38

RIVER-1 Reach-1 296. Max WS 122.49 154.67 150.03 EVER-1 193.67 0.00252 2.77 107.48 148.13 0.36 RIVER-1 Reach-1 297.* Max WS 122.49 154.30 139.67 10.00271 1.00 122.14 24.99 4.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 122.14 124.99 4.00 0.00 0.00 0.00 0.00 0.00 0.00							KiteC	reek.rep						
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	RIVER-1	Reach-1	298	Max WS	123.49	158.62	160.03		160.07	0.002525	2.27	107.48	148.13	0.34
RIVER-1 Reach-1 281.* Max WS 125.63 155.50 157.33 177.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.00 157.33 177.63 0.003346 2.77 53.13 37.59 0.35 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 156.61 156.73 0.003346 3.10 46.13 31.95 0.05 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 155.05 156.45 15	RIVER-1	Reach-1	297.*	Max WS	121.97	158.31	159.82		159.86	0.001977	1.90	121.14	214.99	0.30
RIVER-1 Reach-1 281.* Max WS 125.63 155.50 157.33 177.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.00 157.33 177.63 0.003346 2.77 53.13 37.59 0.35 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 156.61 156.73 0.003346 3.10 46.13 31.95 0.05 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 155.05 156.45 15	RIVER-1	Reach-1	296	Max WS	120.91	158.00	159./3		159.74	0.000412	0.88 1.35	255.31 153.06	380.84	0.14
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	DTVFD-1	Reach-1	293."	Max WS	125 48	158.01	159.56		159.57	0.001043	1.22	154.60	248.37	0.20
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	PTVFP-1	Reach-1	293.*	Max WS	125.22	157.51	159.48		159.50	0.000575	1.10	170.85	175.17	0.17
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	RIVER-1	Reach-1	292	Max WS	124.97	157.00	159.43		159.44	0.000492	1.19	166.13	128.12	0.16
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	RIVER-1	Reach-1	291.5	Max WS	124.89	157.00	159.31	150 01	159.39	0.002512	2.57	63.88	50.34	0.35
RIVER-1 Reach-1 281.* Max WS 125.63 155.50 157.33 177.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.00 157.33 177.63 0.003346 2.77 53.13 37.59 0.35 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 156.61 156.73 0.003346 3.10 46.13 31.95 0.05 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 155.05 156.45 15	RIVER-1	Reach-1	290.62	Max WS	124.83	157.00	159.11	158.01	159.18	0.001867	2.25	55.40	32.63	0.30
RIVER-1 Reach-1 281.* Max WS 125.63 155.50 157.33 177.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.00 157.33 177.63 0.003346 2.77 53.13 37.59 0.35 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 156.61 156.73 0.003346 3.10 46.13 31.95 0.05 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 155.05 156.45 15	RIVER-1	Reach-1	290.01 289 32	Max WS	130.52	157.00	158.53		158.72	0.006292	3.46	37.75	29.21	0.54
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	RIVER-1	Reach-1	288.66*	Max WS	127.17	156.50	158.07		158.27	0.008427	3.59	35.47	32.64	0.61
RIVER-1 Reach-1 281.* Max WS 125.65 155.50 157.33 137.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.01 157.34 137.33 0.002394 2.37 83.13 33.53 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.13 166.73 0.002394 2.37 83.13 33.35 15.0 6.31 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003365 3.10 6.13 33.59 0.01 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.61 156.15 156.34 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 280.* Max WS 126.63 154.25 156.35 156.61 156.73 0.005233 3.53 3.84 86 0.29 0.50 RIVER-1 Reach-1 277.* Max WS 127.31 154.00 155.70 155.03 156.61 156.73 0.00524 3.45 36.79 25.39 0.51 RIVER-1 Reach-1 277.* Max WS 137.44 152.45 154.69 154.83 0.005233 2.53 3.67 45.79 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.68 152.40 154.69 154.83 0.0053787 3.00 45.97 34.12 0.43 RIVER-1 Reach-1 277.* Max WS 137.63 151.30 155.7	RIVER-1	Reach-1	288	Max WS	126.08	156.00	157.89		157.89	0.000367	0.89	248.83	293.44	0.13
RIVER-1 Reach-1 281.* Max WS 125.63 155.50 157.33 177.65 0.004199 2.71 46.46 46.30 0.43 RIVER-1 Reach-1 284 * Max WS 125.79 155.00 157.33 177.63 0.003346 2.77 53.13 37.59 0.35 RIVER-1 Reach-1 281.* Max WS 126.63 154.55 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 281.* Max WS 126.63 154.25 156.61 156.73 0.003346 3.10 46.13 31.95 0.41 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 156.61 156.73 0.003346 3.10 46.13 31.95 0.05 RIVER-1 Reach-1 280.* Max WS 126.69 154.00 155.70 155.05 156.45 15	RIVER-1	Reach-1	287.*	Max WS	125.62	156.00	157.83		157.84	0.000772	1.30	185.79	289.86	0.19
RIVER-1 Reach-1 284 - Max WS 125,79 155,00 157,24 157,33 0.002594 2.37 33,13 37,52 0.33 RIVER-1 Reach-1 283 - Max WS 126,00 154,75 156,01 157,34 157,33 0.002594 2.37 33,13 37,52 0.33 RIVER-1 Reach-1 283 - Max WS 126,33 154,55 155,03 155,03 0.002594 2.37 33,13 37,52 0.33 RIVER-1 Reach-1 280 - Max WS 126,33 154,55 155,03 155,03 0.002594 3.45 36,79 9.00 0.41 RIVER-1 Reach-1 270 - Max WS 127,31 153,25 155,03 155,03 155,03 0.002594 3.45 36,79 9.00 0.41 RIVER-1 Reach-1 270 - Max WS 127,31 153,25 155,03 155,03 155,07 0.003500 3.45 36,79 9.00 0.51 RIVER-1 Reach-1 270 - Max WS 127,31 153,25 155,03 155,03 155,07 0.003500 3.45 36,79 9.00 0.51 RIVER-1 Reach-1 270 - Max WS 137,60 152,40 154,25 154,25 154,20 155,23 0.003707 3.00 0.003500 3.45 37 34,12 0.003500 3.00 0.003500 3	RIVER-1	Reach-1	286	Max WS	125.49	156.00	157.75		157.76	0.001081	1.53	167.27	2/5.25 46.30	0.23
EIVER-1 Reach-1 283 * MAX NS 126.09 154.75 156.91 157.03 0.003666 2.76 45.70 33.19 0.41 RIVER-1 Reach-1 280 * MAX NS 126.03 154.00 155.00 155.61 155.03 0.003662 3.10 61.13 81.99 0.41 RIVER-1 Reach-1 270 * MAX NS 126.03 154.00 155.70 155.88 0.003604 3.45 36.79 275.39 0.51 RIVER-1 Reach-1 270 * MAX NS 127.71 152.50 155.05 155.05 155.07 0.003620 2.99 42.61 26.68 0.04 27.84 27.84 27.85 100.00 155.00 15	RIVER-1	Reach-1	283.° 284	Max WS Max WS	125.79	155.00	157.24		157.33	0.004109	2.37	53.13	37.52	0.45
RIVER-1 Reach-1 221 MAX MS 126.33 154.50 156.61 156.73 0.003465 3.10 61.13 81.99 0.41 KTURE-1 Reach-1 271 MAX MS 126.03 151.00 1	RIVER-1	Reach-1	283.*	Max WS	126.09	154.75	156.91		157.03	0.003666		45.70	33.19	0.41
RIVER-1 Reach-1 281.* MAX WS 126.63 154.25 156.35 156.35 136.34 0.002233 3.53 88.48 60.28 0.55 157 170 170 170 170 170 170 170 170 170 17	KTAFK-T	Reach-1	282	Max WS	126.33	154.50	156.61		156.73	0.003465	3.10	61.13	81.99	0.41
EVER-1 Reach-1 279 Max WS 137.04 152.45 154.69 1.003267 3-0.003267	RIVER-1	Reach-1	281.*	Max WS	126.63	154.25	156.15		156.34	0.005233	3.53	38.48	60.29	0.50
REVER-1 Reach-1 278	RIVER-1	Reach-1	280 270 *	Max WS	120.97	154.00	155.70		155.88	0.003304	2 00	30.79 42.61	25.39	0.31
EXTYRE-1 Reach-1 277.* MAX WS 137.64 152.45 154.69 154.83 0.003787 3.02 45.97 34.12 0.43 EXTYRE-1 Reach-1 276 MAX WS 137.61 151.90 155.46 134.02 0.005144 3.36 45.73 63.45 0.49 EXTYRE-1 Reach-1 277.* MAX WS 137.91 151.90 155.46 134.02 0.005149 1.45 74.67 174.67 0.25 EXTYRE-1 Reach-1 277.* MAX WS 137.92 151.30 151.30 153.44 153.47 0.005197 1.45 74.67 174.67 0.25 EXTYRE-1 Reach-1 277.* MAX WS 138.00 151.20 153.24 153.44 153.47 0.005197 1.45 74.67 174.67 0.25 EXTYRE-1 Reach-1 277.* MAX WS 138.00 151.20 153.24 153.44 153.47 0.005197 1.45 74.67 174.67 0.26 EXTYRE-1 Reach-1 277.* MAX WS 138.03 151.20 153.24 153.44 153.47 0.005197 1.35 100.27 125.40 0.26 EXTYRE-1 Reach-1 277.* MAX WS 138.03 150.85 151.10 153.24 0.005197 1.35 100.27 125.40 0.26 EXTYRE-1 Reach-1 277.* MAX WS 138.03 150.85 155.10 153.29 153.30 0.001065 0.99 153.00 220.33 0.17 EXTYRE-1 Reach-1 277.* MAX WS 138.03 150.85 155.10 153.29 153.40 0.005287 1.37 101.08 113.45 6.00519 1.005287 1.0	RIVER-1	Reach-1	279."	Max WS Max WS	127.31	152.50	155.05		155.17	0.003526	2.70	47.24	26.97	0.35
RIVER-1 Reach-1 276 Max WS 137,68 152,40 154,55 154,42 0.00399 1.84 3.36 45,73 63.45 0.09 Max WS 137,51 151.90 153.96 154,42 0.00399 1.84 77,87 67,47 7.45 63.45 0.03 RIVER-1 Reach-1 277, " Max WS 137,51 151.90 153.90 153.00 0.00399 1.85 77,87 7.45 7.45 7.45 7.45 7.45 7.45 7.45 7.4	RIVER-1	Reach-1	277.*	Max WS	137.44	152.45	154.69		154.83	0.003787	3.02	45.97	34.12	0.43
RIVER-1 Reach-1 275.* Max WS 137.91 131.90 153.96 134.02 103.97 1.84 4.47 4.47 0.025 Max WS 138.03 135.05 135.04 135.77 0.0025 1.55 102.27 125.40 0.25 RIVER-1 Reach-1 277.* Max WS 138.00 151.20 153.44 135.77 0.0025 1.55 102.27 125.40 0.25 RIVER-1 Reach-1 271.* Max WS 138.00 151.20 153.14 135.77 0.0025 1.55 102.27 125.40 0.25 RIVER-1 Reach-1 270.* Max WS 138.03 150.85 153.10 153.13 0.0025 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 115.40 1.55 1.00 127.7 101.08 1.00 1	RIVER-1	Reach-1	276	Max WS	137.68	152.40	154.25		154.42	0.005144	3.36	45.73	63.45	0.49
REVER-1 Reach-1 277 MAX WS 138.00 151.20 153.29 153.44 1253.47 0.002587 1.38 152.57 1253.40 0.26 151.20 153.29 153.40 0.002587 1.38 152.57 1253.40 0.26 151.20 153.29 153.30 0.00165 0.99 153.00 220.33 0.17 RIVER-1 Reach-1 277 MAX WS 138.03 150.85 153.10 153.33 0.002525 1.37 101.08 115.46 0.26 RIVER-1 Reach-1 270 MAX WS 138.03 150.85 153.10 152.63 152.72 0.005879 2.39 578.83 154.36 0.45 RIVER-1 Reach-1 260.52 MAX WS 138.03 150.50 152.63 152.72 0.005879 2.39 578.83 154.36 0.45 RIVER-1 Reach-1 260.52 MAX WS 138.38 149.43 151.29 152.20 153.29 0.005879 2.39 578.83 154.36 0.45 RIVER-1 Reach-1 260.52 MAX WS 138.38 149.43 151.20 152.40 152.40 0.005879 2.30 578.83 154.36 0.45 RIVER-1 Reach-1 260.52 MAX WS 138.38 149.43 151.20 152.40 0.005879 2.30 578.83 154.36 0.45 RIVER-1 Reach-1 260.52 MAX WS 138.38 149.43 151.20 152.40 0.005879 2.30 49.44 31.78 0.40 RIVER-1 Reach-1 260.53 MAX WS 138.38 149.43 151.20 152.40 0.005879 2.30	RIVER-1	Reach-1	275.*	Max WS	137.91	151.90	153.96		154.02	0.003097	1.84	/4.8/ 02.15	/4.42 100.07	0.32
RIVER-1 Reach-1 271.** Max ws 138.00 151.20 153.29 153.30 0.001065 0.099 153.00 220.33 0.17 REVER-1 Reach-1 270.** Max ws 138.03 150.85 153.10 153.32 0.002525 1.37 101.08 115.46 0.26 RIVER-1 Reach-1 270.** Max ws 138.08 150.50 152.63 152.72 0.005979 2.39 57.83 54.36 0.41 RIVER-1 Reach-1 269.** Max ws 138.08 150.50 152.63 152.72 0.005979 2.39 57.83 54.36 0.41 RIVER-1 Reach-1 269.** Max ws 138.08 150.50 152.63 152.72 0.005979 2.39 57.83 54.36 0.41 RIVER-1 Reach-1 269.** Max ws 138.43 149.43 150.12 152.11 152.11 152.11 152.10 0.00429 2.26 61.28 53.29 0.37 RIVER-1 Reach-1 266.53 Max ws 138.31 149.10 151.03 150.17 151.41 0.004095 2.60 149.44 31.78 0.40 RIVER-1 Reach-1 266.53 Max ws 138.31 149.10 151.03 150.17 151.41 0.004095 2.60 149.44 31.78 0.40 RIVER-1 Reach-1 266.50 Max ws 138.34 148.65 150.55 150.67 0.003346 2.84 48.67 31.37 80.09 RIVER-1 Reach-1 266.03 Max ws 138.34 148.65 150.55 150.67 0.003346 2.84 48.67 31.37 80.04 RIVER-1 Reach-1 266.03 Max ws 138.34 148.51 149.70 150.0	RIVER-1	Reach-1	2/4	Max WS	138.08	151.40	153.70		153./3	0.002679	1.30	102 27	100.97	0.26
RELYER-1 Reach-1 271.* Max WS 138.08 150.85 133.10 153.13 0.002525 1.37 101.08 115.46 0.26 RIVER-1 Reach-1 270 Max WS 138.08 150.50 152.63 152.77 0.003979 2.39 57.83 54.36 0.41 RIVER-1 Reach-1 269.* Max WS 138.33 149.75 151.61 152.19 0.004823 2.26 61.28 53.29 0.37 RIVER-1 Reach-1 268.55 Max WS 138.33 149.75 151.61 152.19 0.004823 2.26 61.28 53.29 0.37 RIVER-1 Reach-1 266.55 Max WS 138.33 149.75 151.61 151.17 0.00396 2.70 0.004823 1.26 61.28 153.29 0.37 RIVER-1 Reach-1 266.55 Max WS 138.33 149.75 151.61 151.03 150.17 151.15 0.003096 2.76 0.00396 2.70 0.004823 1.28 0.00396 1.76 0.00396	RIVER-1	Reach-1	273."	Max WS	138.00	151.20	153.29		153.30	0.001065	0.99	153.00	220.33	0.17
RIVER-1 Reach-1 270 Max WS 138.08 150.50 152.63 152.72 0.005979 2.39 57.83 54.36 0.41 RIVER-1 Reach-1 269.* Max WS 138.41 150.12 152.11 152.12 10.004629 2.26 0.45 1.28 132.29 0.45 RIVER-1 Reach-1 266.53 Max WS 138.83 149.43 151.69 151.03 150.17 151.15 0.004029 2.26 140.44 31.78 0.40 140 140 140 140 140 140 140 140 140 1	RIVER-1	Reach-1	271.*	Max WS	138.03	150.85	153.10		153.13	0.002525	1.37	101.08	115 /6	0.26
RIVER-1 Reach-1 269.* Max WS 138.81 150.12 151.11 151.19 0.004829 2.26 0.1.68 33.29 0.36 RIVER-1 Reach-1 266.53 Max WS 138.83 149.10 151.29 151.15 0.004829 2.26 0.64 44 31.18 0.34 RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 266.53 Max WS 138.37 148.65 150.55 150.67 0.003346 2.84 44.67 31.37 0.40 RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 266.05 Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 31.37 0.40 RIVER-1 Reach-1 266.03* Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 31.57 0.40 RIVER-1 Reach-1 266.03* Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 31.58 0.43 RIVER-1 Reach-1 266.03* Max WS 138.45 147.64 149.75 149.00 0.00743 2.28 Max WS 138.45 147.64 149.75 149.00 0.00743 2.28 Max WS 138.45 146.67 148.47 149.00 0.008513 2.88 Max WS 138.45 146.67 148.57 149.00 0.008513 2.88 Max WS 138.65 146.00 147.78 147.89 0.007407 2.60 85.19 67.88 0.43 RIVER-1 Reach-1 259.* Max WS 138.85 146.00 147.78 147.89 0.007407 2.60 85.19 67.88 0.45 RIVER-1 Reach-1 259.* Max WS 138.85 146.00 147.78 147.89 0.007107 2.60 85.19 67.88 0.45 RIVER-1 Reach-1 259.* Max WS 138.85 146.00 147.78 147.50 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 138.85 144.50 144.50 146.18 147.50 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 138.85 144.50 147.77 147.21 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 138.85 144.50 147.77 147.21 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 138.85 144.50 147.77 147.21 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 138.65 144.00 147.60 147.46 147.50 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 146.66 143.00 147.46 147.50 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 146.67 144.50 144.50 144.50 144.90 0.005631 1.90 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 146.68 143.00 144.81 144.98 0.002667 1.90 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 146.68 143.00 144.81 144.99 0.003699 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257.* Max WS 147.69 144.50 144.	RIVER-1	Reach-1	270	Max WS	138.08	150.50	152.63		152.72	0.005979	2.39	57.83	54.36	0.41
NEMEN-1 Reach-1 267.265 Max WS 138.38 149.43 151.09 151.11 0.004095 2.60 49.44 31.78 0.40 NIVER-1 Reach-1 266.52 Max WS 138.31 149.10 151.03 150.17 151.15 0.003096 2.76 50.18 31.98 0.39 NIVER-1 Reach-1 266.52 Max WS 138.38 148.65 150.55 150.67 0.003346 2.84 48.67 31.37 0.40 NIVER-1 Reach-1 263.016 Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 37.58 0.48 NIVER-1 Reach-1 263.016 Max WS 138.37 149.29 149.91 0.007425 2.85 48.49 44.90 0.48 NIVER-1 Reach-1 263.016 Max WS 138.34 147.48 149.79 149.91 0.007425 2.85 48.49 44.90 0.48 NIVER-1 Reach-1 263.016 Max WS 138.35 147.49 149.51 149.54 0.00213 1.58 149.67 148.80 0.49 NIVER-1 Reach-1 263.016 Max WS 138.36 146.60 148.99 149.91 149.91 0.007425 2.85 48.49 44.90 0.49 NIVER-1 Reach-1 263.016 Max WS 138.36 146.00 148.99 149.91 149.91 0.007425 2.85 48.49 149.90 0.49 NIVER-1 Reach-1 259.8 Max WS 138.67 146.00 147.78 147.89 0.00213 2.18 149.97 149.91 149.91 0.007425 2.85 149.05 149.	RIVER-1	Reach-1	269.*	Max WS	138.41	150.12	152.11		152.19	0.004829	2.26	61.28	53.29 32.14	0.37
RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 265.05 Max WS 138.31 149.10 151.03 150.17 151.15 0.003096 2.76 50.18 31.98 0.39 RIVER-1 Reach-1 266.52 Bridge RIVER-1 Reach-1 264.033* Max WS 138.38 148.65 150.53 150.67 0.00346 2.84 48.67 31.37 0.40 RIVER-1 Reach-1 264.033* Max WS 138.37 148.24 150.23 150.35 0.00457 2.78 49.74 37.58 0.43 RIVER-1 Reach-1 262.016* Max WS 138.24 147.84 149.79 149.91 0.007426 2.85 48.49 44.99 0.48 RIVER-1 Reach-1 260.00 Max WS 138.40 146.71 148.87 149.51 149.94 0.002131 1.55 112.95 158.87 0.25 RIVER-1 Reach-1 260.00 Max WS 138.40 146.71 148.87 149.00 0.008131 2.88 48.77 48.82 0.25 RIVER-1 Reach-1 260.00 Max WS 138.40 146.71 148.87 149.00 0.008131 2.88 48.77 48.82 0.25 RIVER-1 Reach-1 260.00 Max WS 138.68 11.46.00 147.46 148.87 149.00 0.008131 2.88 48.77 48.82 0.45 RIVER-1 Reach-1 258 Max WS 138.81 146.00 147.46 148.87 0.002131 1.55 112.95 158.87 0.45 RIVER-1 Reach-1 258 Max WS 138.87 146.00 147.46 147.57 0.003260 2.02 99.91 171.80 0.31 RIVER-1 Reach-1 256 Max WS 138.87 145.00 147.47 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 256 Max WS 138.97 145.00 146.71 146.81 0.006960 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255 Max WS 138.97 145.00 146.71 146.88 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253 Max WS 146.62 144.50 146.18 146.82 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253 Max WS 146.62 144.50 146.81 146.80 0.00360 3.007260 3.00 66.09 104.64 0.46 RIVER-1 Reach-1 253 Max WS 146.68 143.00 144.81 144.89 0.002266 2.02 99.47 91.21 176.51 0.31 RIVER-1 Reach-1 253 Max WS 146.68 143.00 144.81 144.89 0.002266 2.02 99.47 91.21 176.51 0.31 RIVER-1 Reach-1 253 Max WS 146.74 144.50 144.81 144.89 0.002266 2.02 99.47 91.21 176.51 0.33 RIVER-1 Reach-1 253 Max WS 146.75 144.50 144.81 144.89 0.002266 2.02 99.47 91.21 176.51 0.33 RIVER-1 Reach-1 254 Max WS 147.20 141.50 143.50 143.50 0.003660 3.00 66.18 93.92 0.47 RIVER-1 Reach-1 253 Max WS 147.20 141.50 143.50 143.50 0.003660 3.00 0.00369 1.00 0.003660 3.00 0.003660 3.00 0.003660 3.00 0.003660 3.00 0.003660 3.00 0.003660 3.00 0.003	RIVER-1	Reach-1	268 267 265*	Max WS Max WS	138.39	149.73	151.01		151.72	0.004383	2.80	49.44	31.78	0.40
RIVER-1 Reach-1 266.52 Max WS 138.37 148.24 150.25 150.67 0.003346 2.84 48.67 31.37 0.40 RIVER-1 Reach-1 265.05 Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 37.58 0.43 RIVER-1 Reach-1 263.016* Max WS 138.37 148.24 150.23 150.35 0.004527 2.78 49.74 37.58 0.43 RIVER-1 Reach-1 263.016* Max WS 138.15 147.84 150.23 150.35 0.004527 2.78 49.74 37.58 0.43 RIVER-1 Reach-1 262 Max WS 138.15 147.84 149.59 149.90 149.40 0.004513 1.85 118.55 118.87 0.23 RIVER-1 Reach-1 262 Max WS 138.15 146.01 148.79 149.00 0.004513 1.85 118.95 148.22 0.44 RIVER-1 Reach-1 250.* Max WS 138.65 146.00 147.78 149.00 0.004513 1.88 46.77 48.82 0.49 RIVER-1 Reach-1 259.* Max WS 138.65 146.00 147.78 147.89 0.007107 2.60 55.19 67.88 0.45 RIVER-1 Reach-1 255.* Max WS 138.81 146.00 147.78 147.89 0.007107 2.60 55.19 67.88 0.45 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.* Max WS 138.89 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.* Max WS 138.89 146.00 147.18 146.71 146.81 0.006960 3.04 86.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 144.59 0.007264 3.03 65.10 90.40 144.11 146.71 REACH-1 255.* Max WS 146.64 144.50 146.51 146.71 146.81 0.009660 3.04 86.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.64 144.50 146.51 144.50 146.71 146.81 0.009660 3.04 86.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.64 144.50 145.68 144.00 144.31 144.37 0.003847 3.70 51.94 94.11 149.25 0.003847 3.70 69.90 0.00460 0	RTVER-1	Reach-1	266.53	Max WS	138.31	149.10	151.03	150.17	151.15	0.003096	2.76	50.18	31.98	0.39
RIVER-1 Reach-1 265.05 Max WS 138.38 148.65 150.55 150.67 0.003346 2.84 48.67 31.37 0.40 RIVER-1 Reach-1 264.033* Max WS 138.27 147.84 149.79 149.91 0.007426 2.85 48.49 44.00 0.48 RIVER-1 Reach-1 263.016* Max WS 138.21 147.84 149.79 149.91 0.007426 2.85 48.49 44.00 0.48 RIVER-1 Reach-1 261.* Max WS 138.15 147.84 149.79 149.91 0.007426 2.85 48.49 44.00 0.45 RIVER-1 Reach-1 261.* Max WS 138.15 147.84 149.79 149.91 0.007426 2.85 48.49 44.00 0.45 RIVER-1 Reach-1 261.* Max WS 138.00 146.70 148.87 149.50 0.001313 2.88 48.77 18.82 49.00 0.45 RIVER-1 Reach-1 261.* Max WS 138.68 146.00 147.78 148.35 0.004209 2.10 83.40 164.08 0.45 RIVER-1 Reach-1 250.* Max WS 138.68 146.00 147.78 147.78 0.007107 2.60 0.55 1.99 67.88 0.45 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 147.47 147.22 0.003260 2.02 99.12 171.80 0.31 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.* Max WS 138.89 145.50 144.50 146.18 146.88 10.000900 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 144.50 146.18 146.18 146.28 0.007264 3.03 65.18 93.92 0.46 RIVER-1 Reach-1 253.* Max WS 146.62 144.50 144.50 145.63 145.73 0.007210 2.95 64.00 90.10 0.47 RIVER-1 Reach-1 251.* Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 13.94 94.11 0.47 RIVER-1 Reach-1 251.* Max WS 146.86 142.00 144.51 144.81 144.98 0.012367 3.70 13.94 94.11 0.47 RIVER-1 Reach-1 251.* Max WS 146.86 142.00 144.51 144.81 144.98 0.003467 2.35 89.88 144.00 94.08 RIVER-1 Reach-1 251.* Max WS 146.86 140.00 144.51 144.81 144.98 0.003467 2.30 89.88 144.00 94.08 RIVER-1 Reach-1 251.* Max WS 146.86 140.00 144.51 144.81 144.99 0.003467 2.30 89.88 144.00 94.08 RIVER-1 Reach-1 251.* Max WS 147.00 141.75 143.57 143.59 143.30 0.00468 2.03 94.99 99.99 99.99 99.99 99.90 9		Reach-1	266.52		Bridge									
RIVER-1 Reach-1 263.016* Max WS 138.27 148.24 139.53 139.34 0.003226 2.85 48.79 34.30 0.48 RIVER-1 Reach-1 262 Max WS 138.15 147.84 149.59 149.59 149.50 0.008131 1.55 112.95 138.84 148.82 0.49 RIVER-1 Reach-1 266.* Max WS 138.63 146.71 149.59 149.50 0.008131 1.55 112.95 138.82 0.49 RIVER-1 Reach-1 260.* Max WS 138.68 146.00 147.78 148.85 0.004209 2.10 53.40 166.78 0.008131 1.55 147.84 8.22 0.49 RIVER-1 Reach-1 250.* Max WS 138.68 146.00 147.78 147.89 0.007107 2.60 55.19 167.88 0.45 RIVER-1 Reach-1 255.* Max WS 138.87 146.00 147.78 147.89 0.007107 2.60 55.19 167.88 0.45 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.* Max WS 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.81 146.81 0.006960 3.04 66.09 104.64 0.04 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253.* Max WS 146.64 144.00 144.81 144.98 0.003267 3.70 51.94 94.11 0.60 147.81 RIVER-1 Reach-1 253.* Max WS 146.66 143.00 144.81 144.98 0.003267 3.70 51.94 94.11 0.60 0.34 RIVER-1 Reach-1 253.* Max WS 146.88 142.00 144.81 144.97 0.003847 2.36 89.88 147.00 0.34 RIVER-1 Reach-1 250 Max WS 146.88 142.00 144.81 144.97 0.003847 2.36 89.88 147.00 0.34 RIVER-1 Reach-1 250 Max WS 146.88 142.00 144.81 144.97 0.003847 2.36 89.88 147.00 0.34 RIVER-1 Reach-1 250 Max WS 147.20 141.25 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.25 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.30 141.55 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 249.* Max WS 147.30 141.55 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.70 141.50 143.57 142.62 142.69 0.003140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 247.* Max WS 147.70 141.50 142.35 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.70 141.50 142.35 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.*	RIVER-1	Reach-1	265.05	Max WS	138.38	148.65	150.55		150.67	0.003346	2.84	48.67	31.37	0.40
REACH-1 Reach-1 260. Max ws 138.15 147.43 149.51 149.54 0.002113 1.55 112.95 158.87 0.25 REACH-1 261.* Max ws 138.40 146.71 148.87 149.00 0.008513 2.88 48.77 48.82 0.49 REACH-1 REACH-1 260. Max ws 138.65 146.00 148.29 148.35 0.004209 2.10 83.40 164.08 0.34 RIVER-1 REACH-1 259.* Max ws 138.68 146.00 147.78 147.89 0.007107 2.60 55.19 67.88 0.45 RIVER-1 REACH-1 259.* Max ws 138.61 146.00 147.78 147.89 0.007107 2.60 55.19 67.88 0.45 RIVER-1 REACH-1 257.* Max ws 138.61 146.00 147.76 147.50 0.003369 1.80 99.91 171.80 0.31 RIVER-1 REACH-1 257.* Max ws 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 REACH-1 255.* Max ws 138.97 145.00 146.71 146.81 0.006960 3.04 66.09 104.64 0.46 RIVER-1 REACH-1 255.* Max ws 146.62 144.50 146.18 146.28 0.007264 3.03 65.18 93.92 0.47 RIVER-1 REACH-1 253.* Max ws 146.74 144.00 145.63 145.73 0.007410 2.95 64.00 90.10 0.47 RIVER-1 REACH-1 253.* Max ws 146.86 143.00 144.81 144.98 0.0123677 3.75 64.00 90.10 0.47 RIVER-1 REACH-1 253.* Max ws 146.88 142.00 144.81 144.98 0.0123677 3.75 64.00 90.10 0.47 RIVER-1 REACH-1 253.* Max ws 146.88 147.00 144.81 144.98 0.0123677 3.75 64.00 90.10 0.47 RIVER-1 REACH-1 250.* Max ws 147.00 141.50 143.87 143.82 0.007410 2.95 64.00 90.10 0.40 RIVER-1 REACH-1 250.* Max ws 147.00 141.50 143.87 143.82 0.003811 2.95 99.12 1 RIVER-1 REACH-1 250.* Max ws 147.00 141.50 143.87 143.82 0.003811 2.95 99.12 1 RIVER-1 REACH-1 250.* Max ws 147.32 141.00 144.31 144.38 0.003811 2.95 99.12 1 RIVER-1 REACH-1 247.* Max ws 147.36 140.75 142.62 142.69 0.005140 2.99 94.79 270.07 0.38 RIVER-1 REACH-1 245.* Max ws 147.36 140.75 142.62 142.69 0.005140 2.99 94.79 270.07 0.38 RIVER-1 REACH-1 243.* Max ws 147.36 140.75 142.62 142.69 0.005140 2.99 94.79 270.07 0.38 RIVER-1 REACH-1 243.* Max ws 147.57 139.50 141.59 142.60 0.005140 2.99 94.79 270.07 0.38 RIVER-1 REACH-1 245.* Max ws 147.57 139.50 141.59 140.00 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 REACH-1 245.* Max ws 147.50 139.50 140.59 140.00 140.00 140.00 140.00 140.0	RIVER-1	Reach-1	264.033*	Max WS	138.37	148.24	150.23		130.33	0.004527	2.70	49.74	37.30 44 90	0.43
RIVER-1 Reach-1 261.* Max WS 138.40 146.71 148.87 149.00 0.005513 2.88 48.77 48.82 0.49 RIVER-1 Reach-1 260 Max WS 138.65 146.00 148.29 148.35 0.004209 2.10 83.40 164.08 0.39 RIVER-1 Reach-1 259.* Max WS 138.68 146.00 147.78 147.89 0.007107 2.60 551.19 67.88 0.45 RIVER-1 Reach-1 258 Max WS 138.68 146.00 147.78 147.89 0.007107 2.60 551.19 67.88 0.45 RIVER-1 Reach-1 257.* Max WS 138.82 145.50 147.17 147.22 0.003369 1.80 99.91 171.80 0.41 RIVER-1 Reach-1 255.6 Max WS 138.82 145.50 147.17 147.22 0.003369 1.80 99.91 171.80 0.46 RIVER-1 Reach-1 255.6 Max WS 138.87 145.50 147.17 147.22 0.003660 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 255.6 Max WS 146.62 144.50 146.18 146.28 0.007640 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255.4 Max WS 146.62 144.50 146.18 146.28 0.007404 3.03 651.18 93.92 0.47 RIVER-1 Reach-1 253.* Max WS 146.68 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 253.* Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.94 0.003581 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 250 Max WS 147.20 141.55 143.33 143.34 0.002889 1.93 112.05 295.82 81.72 RIVER-1 Reach-1 249.* Max WS 147.36 140.75 142.62 142.69 0.003103 2.29 34.79 20.77 RIVER-1 Reach-1 244.* Max WS 147.36 140.75 142.62 142.69 0.003103 2.29 34.9		Reach-1	263.010"	Max WS	138.15	147.43	149.51		149.54	0.007420	1.55	112.95	158.87	0.25
RIVER-1 Reach-1 259 * Max WS 138.65 146.00 147.78 148.29 1.0007107 2.60 55.19 67.88 0.43 RIVER-1 Reach-1 259 * Max WS 138.71 146.00 147.46 147.50 0.003369 1.80 99.91 171.80 0.31 RIVER-1 Reach-1 257 * Max WS 138.871 146.00 147.46 147.50 0.003360 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 256 Max WS 138.87 145.00 146.71 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 256 Max WS 138.89 145.00 146.71 146.81 0.006960 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.71 146.81 0.006960 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 254 Max WS 146.67 144.00 145.63 145.73 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253 Max WS 146.66 143.00 144.81 144.81 0.002367 2.95 64.00 90.10 0.47 RIVER-1 Reach-1 252 Max WS 146.68 143.00 144.81 144.87 0.003847 2.36 89.88 147.06 RIVER-1 Reach-1 255.* Max WS 146.88 142.00 144.31 144.37 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 250 Max WS 147.70 141.50 143.57 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 250 Max WS 147.70 141.50 143.57 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 248 Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 248 Max WS 147.46 140.50 142.35 143.33 143.38 0.00546 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 245.* Max WS 147.77 139.00 141.59 141.80 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 244 Max WS 147.77 139.00 141.59 141.60 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 247 Max WS 147.77 139.00 141.59 141.60 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 247 Max WS 147.77 139.00 141.59 141.60 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 247 Max WS 147.77 139.00 141.80 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 247 Max WS 147.77 139.00 141.59 141.60 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 247 Max WS 147.79 140.00 141.39 141.60 140.00 141.19 0.004578 2.72 9.99 99.93 0.38 RIVER-1 Reac	RIVER-1	Reach-1	261.*	Max WS	138.40	146.71	148.87		149.00	0.008513	2.88	48.77	48.82	0.49
RIVER-1 Reach-1 259.* Max WS 138.68 146.00 147.78 147.89 0.00/107 2.00 35.19 67.88 0.435 RIVER-1 Reach-1 257.* Max WS 138.82 145.50 147.17 147.22 0.003260 2.02 99.12 176.51 0.31 RIVER-1 Reach-1 257.* Max WS 138.97 145.00 146.71 146.81 0.006960 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253.* Max WS 146.66 143.00 145.63 145.73 0.007410 2.95 64.00 90.10 0.47 RIVER-1 Reach-1 253.* Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 251.* Max WS 146.88 147.09 141.75 143.89 143.94 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.94 0.003881 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 249.* Max WS 147.20 141.25 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 248.* Max WS 147.30 141.25 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 248.* Max WS 147.36 140.05 142.25 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 245.* Max WS 147.67 139.00 141.80 141.89 141.65 0.004278 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244.* Max WS 147.67 139.00 141.80 141.89 141.65 0.004278 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244.* Max WS 147.67 139.00 141.80 141.65 0.004278 2.22 94.79 270.07 0.38 RIVER-1 Reach-1 244.* Max WS 147.67 139.00 141.80 141.65 0.004278 2.22 94.79 270.07 0.38 RIVER-1 Reach-1 244.* Max WS 147.79 139.75 142.10 141.65 140.79 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244.* Max WS 147.79 139.50 141.59 141.65 0.004278 2.22 94.79 270.07 0.38 RIVER-1 Reach-1 244.* Max WS 147.79 139.50 141.59 141.65 0.004274 2.84 141.60 0.004481 2.84 141.60 0.00488 2.22 94.59 152.56 0.31 RIVER-1 Reach-1 244.* Max WS 147.79 139.50 141.59 141.65 141.00 0.004883 2.22 94.59 152.56 0.31 RIVER-1 Reach-1 235.85 Max WS 148.10 139.00 140.01 141.00 141.00	RIVER-1	Reach-1	260	Max WS	138.65	146.00	148.29		148.35	0.004209	2.10	83.40	164.08	0.34
RIVER-1 Reach-1 255	RIVER-1	Reach-1	259.*	Max WS	138.68	146.00	147.78		147.89	0.00/10/	2.60	55.19 99 91	6/.88 171 80	0.45 0.31
RIVER-1 Reach-1 255.* Max WS 138.97 145.00 146.71 146.81 0.005960 3.04 66.09 104.64 0.46 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007764 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007764 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 253.* Max WS 146.66 143.00 144.81 144.95 0.007410 2.95 64.00 90.10 0.47 RIVER-1 Reach-1 253.* Max WS 146.66 143.00 144.81 144.97 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.94 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 250 Max WS 147.09 141.75 143.89 143.94 0.003887 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.89 143.94 0.003881 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.55 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 248.* Max WS 147.46 140.50 142.35 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 248.* Max WS 147.67 139.00 141.80 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 244.* Max WS 147.67 139.00 141.80 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.80 141.88 0.00441 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.77 139.50 141.59 141.65 0.003188 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 243.* Max WS 147.79 140.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.79 140.00 141.59 141.65 0.003188 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 243.* Max WS 147.79 140.00 140.21 RIVER-1 Reach-1 243.* Max WS 147.79 140.00 140.21 RIVER-1 Reach-1 240.00 Max WS 148.10 139.00 140.52 140.00 140.21 RIVER-1 Reach-1 240.00 Max WS 148.10 139.00 140.52 140.00 140.52 140.00 0.004883 2.22	RIVER-I	Reach-1	258 257 *	CW XSM	130./1	146.00	147.40		147.30	0.003369	2.02	99.12	176.51	0.31
RIVER-1 Reach-1 255.* Max WS 146.62 144.50 146.18 146.28 0.007264 3.03 65.18 93.92 0.47 RIVER-1 Reach-1 254 Max WS 146.74 144.00 145.63 145.73 0.007410 2.95 64.00 90.10 0.47 RIVER-1 Reach-1 253.* Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 252 Max WS 146.88 142.00 144.81 144.98 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.94 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 250 Max WS 147.09 141.75 143.89 143.94 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 250 Max WS 147.09 141.50 143.57 143.89 143.94 0.003847 2.36 89.88 147.06 0.33 RIVER-1 Reach-1 250 Max WS 147.20 141.50 143.57 143.89 121.59 91.21 139.25 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.89 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.80 0.003846 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.80 141.80 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.80 141.80 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 241.* Max WS 147.79 140.00 141.80 141.80 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 241.* Max WS 147.67 139.00 141.80 141.80 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 241.* Max WS 147.67 139.00 141.59 141.60 0.004883 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 241.* Max WS 147.69 139.00 141.59 141.60 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.00809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.03 RIVER-1 Reach-1 235.84 Max WS 148.18 138.	RTVER-1	Reach-1	256	Max WS	138.97	145.00	146.71		146.81	0.006960	3.04	66.09	104.64	0.46
RIVER-1 Reach-1 254 Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 253 Max WS 146.86 143.00 144.81 144.98 0.012367 3.70 51.94 94.11 0.60 RIVER-1 Reach-1 252 Max WS 146.88 142.00 144.31 144.97 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.94 0.003581 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 250 Max WS 147.20 141.50 143.57 143.89 143.94 0.003588 12.15 91.21 139.25 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.89 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 245.* Max WS 147.46 140.50 142.35 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 244. Max WS 147.67 139.00 141.80 142.19 0.004578 2.72 77.99 99.33 0.38 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 243.* Max WS 147.79 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242. Max WS 147.79 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.00 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 243.* Max WS 148.03 139.00 140.05 141.00 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.55 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 139.29 139.07 139.48 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 235.84 Max WS 148.18 138.50 140.51 139.29 139.07 139.48 0.01413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 235.84 Max WS 148.16 136.60 138.75 137.72 138.86 0.001419 2.03 72.98 35.72 0.25 RIVER-1 Reach-1 235.84 Max WS 148.16 136.60 138.75 137.72 138.86 0.00149 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	255.*	Max WS	146.62	144.50	146.18		146.28	0.007264	3.03	65.18	93.92	0.47
RIVER-1 Reach-1 255.* Max WS 146.86 143.00 144.81 144.97 0.001287 3.70 31.94 94.11 0.00 RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 144.37 0.003847 2.36 89.88 147.06 0.34 RIVER-1 Reach-1 250.* Max WS 147.09 141.75 143.89 143.94 0.003581 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 249.* Max WS 147.20 141.55 143.37 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 249.* Max WS 147.32 141.00 143.01 143.07 0.003581 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 245.* Max WS 147.46 140.50 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 244 Max WS 147.67 139.00 141.80 142.19 0.004578 2.72 72.99 99.29 0.38 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 241.* Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.05 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 235.84 Max WS 148.18 138.50 140.55 140.05 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 233.84 Max WS 148.19 137.62 140.03 140.05 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Max WS 148.19 137.25 139.29 139.07 139.48 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Max WS 148.19 137.25 139.29 139.07 139.48 0.00189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	254	Max WS	146.74	144.00	145.63		145.73	0.007410	2.95	64.00	90.10	0.47
RIVER-1 Reach-1 251.* Max WS 147.09 141.75 143.89 143.62 0.003581 2.15 91.21 139.25 0.33 RIVER-1 Reach-1 250 Max WS 147.20 141.50 143.57 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 249.* Max WS 147.20 141.25 143.33 143.83 0.03646 2.03 12.00 240.82 0.33 RIVER-1 Reach-1 248 Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 246 Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244.* Max WS 147.57 139.00 141.80 141.80 0.04241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242.* Max WS 147.79 140.00 141.39 141.40 0.003467 1.92 107.14 209.99 0.32 RIVER-1 Reach-1 241.* Max WS 147.79 140.00 141.39 141.40 0.003467 1.92 107.14 209.99 0.32 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.59 141.65 0.008178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 241.* Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002401 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 235.84 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.00189 2.03 72.98 35.72 0.25		Reach-1	253.*	Max WS	146.86	143.00	144.81		144.98	0.012367	3.70	31.94 89.88	147 06	0.80
RIVER-1 Reach-1 249.* Max WS 147.20 141.50 143.57 143.62 0.002889 1.93 112.05 295.81 0.29 RIVER-1 Reach-1 249.* Max WS 147.20 141.55 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 248 Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244 Max WS 147.67 139.00 141.80 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 242 Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.00 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 235.85 Max WS 148.19 137.62 140.03 140.05 0.001419 1.07 147.34 256.91 0.20 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.00189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	252 251 *	Max WS	140.00 147 NG	142.00	144.31		144.37	0.003581	2.15	91.21	139.25	0.33
RIVER-1 Reach-1 249.* Max WS 147.20 141.25 143.33 143.38 0.003646 2.03 92.00 240.82 0.33 RIVER-1 Reach-1 247.* Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 NIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.19 0.004578 2.72 72.99 9.93 0.38 RIVER-1 Reach-1 244 Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.67 139.00 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.65 0.003467 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.39 141.40 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.81 11.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.81 11.03 149.59 0.28 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.00189 2.03 72.98 35.72 0.25 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.00189 2.03 72.98 35.72 0.25	RTVFR-1	Reach-1	250	Max WS	147.20	141.50	143.57		143.62	0.002889	1.93	112.05	295.81	0.29
RIVER-1 Reach-1 248 Max WS 147.32 141.00 143.01 143.07 0.003513 1.94 76.19 82.73 0.32 RIVER-1 Reach-1 247.* Max WS 147.36 140.75 142.62 142.69 0.005140 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.35 142.36 0.001201 1.25 175.81 268.28 0.19 RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244 Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 241.* Max WS 147.79 140.00 141.39 141.00 0.004873 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.03 139.00 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.17 138.00 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 237.25* Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.72 138.78 0.00189 2.03 72.98 35.72 0.25 RIVER-1 Reach-1 235.84 REACH-1 235.84 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.00189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	249.*	Max WS	147.20	141.25	143.33		143.38	0.003646	2.03	92.00	240.82	0.33
RIVER-1 Reach-1 247.* Max WS 147.46 140.50 142.35 142.62 142.99 0.005.440 2.29 94.79 270.07 0.38 RIVER-1 Reach-1 246 Max WS 147.46 140.50 142.35 142.10 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 245.* Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 244 Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 243.* Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.10 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.17 138.00 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 237.25* Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.72 138.78 0.00189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	248	Max WS	147.32	141.00	143.01		143.07	0.003513	1.94	76.19	82./3	0.32
RIVER-1 Reach-1 245.* Max WS 147.57 139.75 142.10 142.19 0.004578 2.72 72.99 99.93 0.38 RIVER-1 Reach-1 244 Max WS 147.67 139.00 141.80 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.10 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.37 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 239.* Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 236.5 Max WS 148.19 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.00189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	247.*	Max WS	147.36	140.75	142.62		142.69	0.005140	2.29 1.25	94.79 175.81	270.07 268.28	0.38
RIVER-1 Reach-1 243 * Max WS 147.74 139.00 141.80 141.85 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 243 * Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 141.67 141.88 0.004241 2.84 87.19 143.51 0.36 RIVER-1 Reach-1 241 * Max WS 147.79 140.00 141.39 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.31 141.65 0.003178 2.23 94.59 152.56 0.31 141.65 0.31	RIVER-I	Reach-1	246 245 *	Max WS Max WS	147.46	139.75	142.33		142.19	0.001201	2.72	72.99	99.93	0.38
RIVER-1 Reach-1 243.* Max WS 147.74 139.50 141.59 141.65 0.003178 2.23 94.59 152.56 0.31 RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.10 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 238.* Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 130.71 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RTVER-1	Reach-1	244	Max WS	147.67	139.00	141.80		141.88	0.004241	2.84	87.19	143.51	0.36
RIVER-1 Reach-1 242 Max WS 147.79 140.00 141.39 141.44 0.003467 1.92 107.14 209.92 0.32 RIVER-1 Reach-1 241.* Max WS 147.90 139.50 141.05 141.10 0.004883 2.22 95.64 191.11 0.37 RIVER-1 Reach-1 240 Max WS 148.03 139.00 140.76 140.79 0.002702 1.88 111.03 149.59 0.28 RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 238 Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 130.71 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	243.*	Max WS	147.74	139.50	141.59		141.65	0.003178	2.23	94.59	152.56	0.31
RIVER-1 Reach-1 241.** Max WS 144.90 139.50 141.00 1.004883 2.22 33.04 131.10 0.004883 2.22 33.04 131.11 0.004883 2.22 33.04 131.04 0.004883 2.22 33.04 131.11 0.004883 2.22 33.04 131.11 0.004883 2.22 33.04 131.04 0.004883 2.22 33.04 131.	RIVER-1	Reach-1	242	Max WS	147.79	140.00	141.39		141.44	0.003467	1.92	107.14	209.92 191 11	0.32 0.37
RIVER-1 Reach-1 239.* Max WS 148.18 138.50 140.52 140.55 0.002809 1.64 116.11 191.14 0.28 RIVER-1 Reach-1 238 Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 130.71 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	241.**	Max WS	147.90 148.03	139.50 139.00	141.U5 140.76		141.10	0.004663	1.88	111.03	149.59	0.28
RIVER-1 Reach-1 238 Max WS 148.17 138.00 140.21 140.24 0.004112 1.74 109.46 234.42 0.33 RIVER-1 Reach-1 237.25* Max WS 130.71 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	KIVEK-I	Reach-1	239.*	Max WS	148.18	138.50	140.52		140.55	0.002809	1.64	116.11	191.14	0.28
RIVER-1 Reach-1 237.25* Max WS 130.71 137.62 140.03 140.05 0.001413 1.21 147.34 256.91 0.20 RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018530 3.54 46.13 167.36 0.69 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	238	Max WS	148.17	138.00	140.21		140.24	0.004112	1.74	109.46	234.42	0.33
RIVER-1 Reach-1 236.5 Max WS 148.19 137.25 139.29 139.07 139.48 0.018330 3.34 46.13 167.36 0.09 RIVER-1 Reach-1 235.85 Max WS 148.16 136.60 138.75 137.72 138.86 0.002422 2.60 57.00 32.92 0.35 RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	237.25*	Max WS	130.71	137.62	140.03	120.07	140.05	0.001413	1.21	14/.34 46 12	256.91 167.36	0.20 0.69
RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.84 Bridge RIVER-1 Reach-1 235.23 Max WS 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25	RIVER-1	Reach-1	236.5	Max WS	148.19	13/.25	139.29	139.U/ 137.72	139.48 138.86	0.018530	3.34 2.60	57.00		0.09
RIVER-1 Reach-1 235.23 Max ws 148.16 136.10 138.72 138.78 0.001189 2.03 72.98 35.72 0.25		Reach-1	235.85 235.84	Max WS	148.10 Bridge	T20.00	130./3	131.12	130.00	0.002422				
		Reach-1	235.23	Max WS	148.16	136.10	138.72		138.78	0.001189	2.03	72.98	35.72	0.25

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RIVER-1 RIVER-1	Reach-1 Reach-1	234.153* 233.076* 232 231.* 230. 229.* 228 227.* 226 225.* 224 223.* 222 221.* 220 219.* 218.* 217.* 216 215.* 214 213.* 217.* 216 215.* 214 213.* 217.* 216 217.* 217.* 217.* 218 217.* 219.* 2	MAX WS MAX WS	148.15 144.44 148.21 148.04 147.91 156.57 156.82 157.25 157.37 157.62 157.72 157.72 157.91 157.93 157.91 157.90 158.05 158.23 169.70 169.81	135.73 135.37 135.00 135.00 134.50 134.50 134.50 133.85 133.70 133.48 133.25 133.12 133.12 133.12 133.180 131.80 131.80 131.98 132.75 132.62 131.88 131.25 132.50 131.88	138.61 138.51 138.51 137.71 137.61 137.43 137.32 136.67 136.33 135.70 135.70 135.70 135.49 134.95 134.91 134.84 134.75 134.54 134.54 134.54	137.18	138.69 138.62 138.35 137.83 137.62 137.46 137.35 137.36 136.46 136.77 136.46 135.56 135.56 135.56 135.36 134.93 134.86 134.93 134.61 134.61 133.71 133.14	0.001618 0.002425 0.009843 0.005097 0.000466 0.000742 0.001237 0.005837 0.00503 0.005635 0.006027 0.003182 0.003663 0.007451 0.003859 0.000720 0.00944 0.001450 0.004057 0.004456 0.003540 0.001979 0.0001571	2.28 2.64 4.13 0.98 1.85 1.77 2.86 3.42 2.56 4.04 1.54 1.54 1.54 1.54 1.54 1.59 1.87 2.88	64.97 64.41 34.35 89.51 289.72 237.50 182.36 171.58 92.13 93.18 88.26 91.16 124.72 115.47 75.37 80.55 191.03 181.27 162.86 93.86 93.86 110.64 136.59 89.71 48.95	29.81 176.87 119.58 408.20 489.74 438.64 419.04 350.54 278.00 273.02 260.58 258.32 261.49 273.60 263.25 149.68 258.66 261.11 259.77 214.04 274.88 192.15 161.81 42.84 41.75	0.27 0.30 0.55 0.40 0.12 0.20 0.21 0.41 0.39 0.43 0.32 0.49 0.36 0.16 0.18 0.21 0.35 0.36 0.27 0.27
RTVFR-1	Reach-1 Reach-1 Reach-1	207.79 207.78 205.36	Max WS Max WS Max WS	187.22 Culvert 187.23	130.19 129.75 129.57	132.91 132.41 132.24		133.14 132.65 132.48	0.001571 0.001694 0.001669	3.83 3.91 3.89	48.95 47.85 48.07	41.75 41.27 41.36	0.41 0.42 0.42
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	204.34 204.33	Max WS	187.22 Culvert									
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	202.43 201.80 197.50 191.71 191.56	Max WS Max WS Max WS Max WS Max WS	135.91 135.89 134.79 133.38 323.55	129.22 129.11 128.34 127.30 127.27	131.56 131.60 131.43 131.34 130.90		131.72 131.65 131.46 131.36 131.28	0.001374 0.000604 0.000258 0.000088 0.001798	3.23 1.83 1.35 0.91 4.96	42.04 74.43 100.12 146.28 65.27	38.69 39.89 44.74 52.35 49.01	0.37 0.24 0.16 0.10 0.46
RIVER-1 RIVER-	Reach-1 Reach-1	212 209.97 207.79 207.78 205.36 204.34 204.33 201.80 197.50 191.71 191.55 190.28 188.5 184.5 184.5 184.5 187.* 176 175.* 176 175.* 177.* 176 175.* 171.* 170 169.* 169.* 161.* 162 161.* 162 161.* 160 159.* 158.* 159.* 159.* 169.* 161.* 160.* 161.* 162.* 163.* 163.* 164. 165.* 166.* 167.* 169.* 1	MAX WS MAX WS	148.15 144.44 148.21 148.04 147.91 156.57 156.83 157.25 157.37 157.62 157.62 157.79 157.62 157.79 158.23 169.70 169.71 157.93 187.22 Culvert 187.23 187.22 Culvert 187.23 187.22 Culvert 135.89 134.79 135.89 135.77 135.89 135.77 135.89 135.89 135.89 136.89	127.04 126.92 126.00 126.00 126.00 126.00 126.00 126.00 125.00 124.00 124.00 124.00 123.50 123.50 123.50 123.50 123.00 124.00 124.00 124.00 124.00 125.00 120.00 120.00 120.00 120.00 120.00 120.55 120.55 120.55 120.55 120.50 119.50 119.00	129.40 129.70 129.07 129.02 128.89 128.63 128.39 128.13 128.01 127.84 127.24 127.24 127.00 126.89 126.86 126.76 126.36 126.36 126.36 126.36 126.45 125.92 125.91 125.91 125.92 125.91 125.92 125.91 125.91 125.92 125.92 125.91 124.67 124.67 124.67 124.67 124.67 124.67 124.67 124.68		130.24 129.92 129.05 128.87 128.68 128.45 128.02 127.36 127.36 127.11 126.85 126.85 126.77 126.64 126.54 126.47 126.47 125.95 125.96 125.97 125.98	0.007087 0.002204 0.00839 0.000770 0.001471 0.002082 0.001371 0.002689 0.001371 0.003438 0.004307 0.003737 0.002016 0.000518 0.000921 0.001533 0.002669 0.002470 0.001773 0.002470 0.001410 0.001940 0.00588 0.001940 0.00588 0.000928 0.000928 0.000989 0.000680 0.002680 0.002680 0.001098	7.38 3.71 1.88 3.00 2.14 2.36 2.53 2.55 1.58 2.09 3.51 4.33 1.48 1.557 2.57 2.57 2.58 2.39 1.483 2.39 1.483 2.39 1.483 2.57 2.57 2.57 2.583 2.39 1.483 2.39 1.49 3.71 1.99	42.41 86.72 364.03 354.59 186.96 229.33 205.61 204.38 234.69 392.02 326.87 208.10 229.61 338.73 592.78 500.00 405.59 306.26 303.10 333.96 419.64 348.16 419.22 331.99 121.22 208.57 406.87 415.31 448.86 373.96 193.82 267.37 434.18	38.85 42.28 366.43 361.01 181.87 180.55 188.95 272.25 329.50 422.23 418.28 422.28 422.28 422.84 428.78 544.19 609.83 736.59 765.84 670.27 573.16 542.75 567.50 673.79 348.54 579.30 630.85 661.62 716.45 725.13 677.50 641.89 685.49	0.85 0.46 0.21 0.21 0.33 0.27 0.32 0.31 0.17 0.22 0.39 0.36 0.26 0.13 0.18 0.29 0.25 0.18 0.29 0.25 0.18 0.21 0.19 0.25 0.19 0.25

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RIVER-1	Reach-1 Reach-1	153.* 152 151.*	Max WS	375.81 375.81 375.81 384.71 384.18 389.15 391.18 393.18 395.29 396.67 398.51 400.75 403.13 404.43 404.23 404.93 406.30 407.81 410.85 412.96 415.10 416.21 417.38 417.38 417.38 417.98 418.36 418.36 418.36 418.13 418.13 418.13 418.13 418.13 418.13 418.13 418.13 418.13 418.13 418.26 418.36 418.36 418.36 418.36 418.36 418.36 418.37 418.38 418.38 418.39 418.31 418.31 418.31 418.31 418.31 418.32 418.33 418.33 418.34 418.35 418.36 418.36 418.36 418.36 418.37 418.38 418.38 418.39 418.31	$119.00 \\ 119.00$	123.65 123.56 123.42 123.18 122.90 122.72 122.59 122.38 122.18 121.96 121.71 121.59 121.71 121.59 121.23 121.107 120.95 120.84 120.77 120.68 120.61 120.53 120.46 120.53 120.46 120.53 120.10 119.82 119.75 119.72 119.70 119.63		123.68 123.59 123.46 123.25 122.76 122.63 122.45 122.22 121.63 121.63 121.73 121.68 121.73 121.69 120.70	0.001202 0.001122 0.001637	2.12 1.96 2.10 2.79 2.72 2.26	429.32 452.04	777.78 868.47 847.82 741.19 717.14 651.91	0.21 0.20 0.24
RIVER-1	Reach-1	152 151 *	Max WS Max WS	3/3.81 38/ 71		123.30		123.39	0.001122	2.96	452.04	868.47 847 82	0.20
RTVER-1	Reach-1	150	Max WS	384 18	119.00	123.42		123.40	0.001037	2.10	278 17	741 19	0.24
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	149.*	Max WS	386.58	118.50	122.90		122.97	0.002738	2.72	306.12	717.14	0.31
RIVER-1	Reach-1	149.* 148	Max WS	389.15	118.00	122.72		122.76	0.001477	2.26	386.31	651.91	0.23
RIVER-1	Reach-1	147.*	Max WS	391.18	117.92	122.59		122.63	0.004312 0.002738 0.001477 0.002106	2.41	372.74	851.08	0.37 0.31 0.23 0.27 0.37
RIVER-1	Reach-1	146 145.*	Max WS	393.18	117.83	122.38		122.45	0.004444	2.96	310.31	1004.63	0.37
RIVER-1 RIVER-1	Reacn-1	145."	Max WS	395.29	117.92	122.18		122.22	0.001903	1.82	335.20	949.85	0.25
RIVER-1	Reach-1	144 143.*	Max WS	398.51	117.50	121.79		121.82	0.000889	1.47	438.73	881.78	0.18
RIVER-1	Reach-1	142	Max WS	400.75	117.00	121.71		121.73	0.000997	1.96	520.87	879.51	0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	142 141.* 140 139.*	Max WS Max WS	403.13	119.00 119.00 118.50 118.00 117.83 117.92 118.00 117.50 117.00 117.00	121.59		121.63	0.002106 0.004444 0.001903 0.003253 0.000889 0.000997 0.001624 0.003254 0.002047 0.000193 0.001191	2.47	438.10	851.08 1004.63 949.85 699.45 881.78 879.51 911.33 1033.68 922.23 947.53 836.85 553.81 728.30 640.39 574.46	0.25 0.30 0.18 0.18 0.24 0.33 0.27
RIVER-1 RIVER-1	Reach-1	140	Max WS	404.49	117.00	121.39		121.48	0.003254	3.41	338.81	1033.68	0.33
RIVER-1	Reach-1	139."	Max WS Max WS	404.23 404.93	118 00	121.23		121.20	0.002047	1 58	402.33 550 35	922.23	0.27
RIVER-1 RIVER-1	Reach-1	138 137.*	Max WS	406.30	118.00	121.07		121.09	0.001191	1.68	478.14	836.85	0.20
RIVER-1	Reach-1	136 135.*	Max WS	407.81	118.00	120.95		120.98	0.001535	1.71	389.58	553.95	0.18 0.20 0.23
RIVER-1	Reach-1	135.*	Max WS	409.31	117.50	120.84		120.86		1.35	461.31	653.81	0.19
RIVER-1	Reach-1	134	Max WS	410.85	117.00	120.//		120.78	0.000758	1.07	546./3 466.61	/28.30 640.30	0.15
RIVER-1	Reach-1	134 133.* 132 131.*	Max WS	412.90	117.00	120.00		120.70	0.000317	1.10	480.89	574 46	0.17
RIVER-1	Reach-1	131.*	Max WS	416.21	117.00	120.53		120.55	0.000980	1.13	445.22	584.45	0.17
RIVER-1	Reach-1	130 129.*	Max WS Max WS Max WS	417.38	117.00	120.46		120.47	0.000978	1.09	504.95	795.42	0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	129.*	Max WS	417.98	118.00 118.00 118.00 117.50 117.00 117.00 117.00 117.00 117.00 117.00 116.71 116.42 116.21 116.00 116.18	120.37		120.39	0.001442	1.28	436.22	809.01	0.15 0.17 0.17 0.17 0.20 0.38 0.32 0.22 0.22 0.18 0.21 0.24 0.31 0.23
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	129. * 128 127. * 126 125. * 124 123. * 122 121. *	Max WS	418.56	117.00	120.10		120.17	0.005392	2.14	223.12	584.13 642.16	0.38
RTVER-1	Reach-1	126	Max WS Max WS Max WS Max WS	418.30	116.71	119.02		119.77	0.003243	1.89	460.59	688.66	0.32
RIVER-1	Reach-1	125.*	Max WS	418.13	116.21	119.72		119.74	0.001420	1.70	466.45	752.52	0.22
RIVER-1 RIVER-1 RIVER-1	Reach-1	124	Max WS	418.13	116.00	119.70		119.71	0.001016	1.31	536.28	801.37	0.18
RIVER-1	Reach-1	123.*		418.08	116.18	119.63		119.65	0.001307	1.60	484.71	804.98	0.21
RIVER-1	Reach-1	122	Max WS	418.00	115.35	119.54		119.57	0.001687	2.82	468.45	931.26	0.24
RIVER-1	Reach-1	121."	Max WS	458.59	115.00	119.16		119.20	0.002736	2.21	415.85	582.11	0.31
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	120 119.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	458.23	116.18 116.35 115.68 115.00 114.50 114.50 115.00 114.50 114.00 112.00	119.63 119.54 119.33 119.16 119.00 118.70 118.63 118.50 118.34 118.16 118.16		119.08	0.000758 0.000917 0.000934 0.000980 0.000978 0.001442 0.005392 0.003243 0.001413 0.001420 0.001016 0.001307 0.001687 0.002758 0.001475 0.002024 0.003478 0.001326 0.002364 0.002353 0.001925	2,41 2,96 1,75 1,96 2,47 3,41 2,50 1,58 1,71 1,09 1,13 1,09 1,13 1,09 1,13 1,09 1,13 1,09 1,13 1,09 1,14 2,15 2,14 2,15 2,14 2,15 2,14 2,15 2,16 2,16 2,16 2,17 1,16 2,17 1,16 1,17 1,17 1,18 1,18 1,18 1,18 1,18 1,18	403.38 278.17 306.12 386.31 372.74 310.31 335.20 303.36 438.73 520.87 438.81 402.33 548.14 389.58 461.51 480.89 445.22 504.95 436.45 536.22 223.12 289.44 468.45 535.85 461.30 468.45 535.85 325.92 264.58 284.73 362.11 369.21	584.45 795.42 809.01 584.13 643.16 668.66 752.52 801.37 804.98 931.26 595.59 582.11 430.75 262.74 306.08 342.49 347.56 385.56	0.30
RIVER-1	Reach-1	118 117.*	Max WS	457.00	114.00	118.70		118.90	0.003478	4.16	207.22	262.74	0.44
RIVER-1	Reach-1	117.*	Max WS	456.03	114.50	118.63		118.70	0.001326	2.30	281.42	306.08	0.27
RIVER-1	Reach-1	116 115.*	Max WS May WS	432.41 442.48	114 50	118.30		118 39	0.002364	1 87	264.58	342.49	0.33
RIVER-1	Reach-1	114	Max WS	413.24	114.00	118.16		118.20	0.001925	1.53	284.73	385.56	0.28
RIVER-1	Reach-2	112.05	Max WS Max WS Max WS	733.62	112.00	118.16		118.24	0.001292 0.001306	2.23	362.11	419.83 418.03	0.34 0.27 0.33 0.31 0.28 0.27 0.27
RIVER-1	Reach-2	114 112.05 112 111.95	Max WS	733.62	112.00	118.16		118.23	0.001306	2.24	359.21	418.03	0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	111.95	May MS	Lat Struct	113 00			118 10	0.001855	2 25	370 92	362 24	0.31
RTVER-1	Reach-2	110	Max WS Max WS Max WS	732.55	114.00	117.88		117.94	0.002245	2.15	436.39	473.01	0.33
RIVER-1	Reach-2	110 109.*	Max WS	732.29	113.50	117.59		117.74	0.002675	3.50	341.16	376.57	0.39
RIVER-1	Reach-2	108	Max WS	732.35	113.00	117.35		117.51	0.002295	3.71	369.24	413.15	0.37
RIVER-1	Reach-2	107.*	Max WS Max WS Max WS	732.66	112.00	117.27		117.39	0.001569	3.18	444.34	4/1.81	0.31
RIVER-I	Reach-2	106 105.*	Max WS	733.17 733.85	110.50	117.22		117 24	0.001004	3.19	511.93	528.00	0.23
RIVER-1	Reach-2	104 103.* 102 101.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	734.40	113.00 114.00 113.50 113.00 112.00 111.00 110.50 110.00	117.04		117.16	0.001337	3.49	490.36	493.09	0.31 0.33 0.39 0.37 0.31 0.25 0.28 0.28 0.29
RIVER-1	Reach-2	103.*	Max WS	734.67	110.00	117.01		117.08	0.001551	2.88	531.23	512.60	0.29
RIVER-1	Reach-2	102	Max WS	643.36	110.00	117.00		117.04	0.000427	1.98	754.14	569.13	0.17 0.20
RIVER-1	Reach-2	101.* 100	Max WS	/35.93 726 05	111.00	116.90		117.00	0.000609	2.32	743.30 732 17	560.52 560.60	0.20
RIVER-1	Reach-2	99 *	Max WS Max WS	740.18	111.00	116.80		116.84	0.000698	2.45	703.66	559.40	0.21
RIVER-1	Reach-2	99.* 98	Max WS	743.44	111.00	116.67		116.73	0.000744	2.54	670.81	554.40	0.22
RIVER-1	Reach-2	97.*	Max WS	745.35	110.50	116.59		116.65	0.000716	2.52	671.51	537.27	0.21
RIVER-1	Reach-2	96		747.29	110.00	116.52		116.57	0.000705	2.52	6/0.92	525.//	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	95.* 94	Max WS Max WS	732.66 733.17 733.85 734.40 734.67 643.36 735.93 736.85 740.18 743.44 745.35 747.29 749.01 750.73 752.46	110.00 110.00 110.50 111.00 111.00 111.00 110.50 110.00 109.50 109.00	118 .02 117 .88 117 .59 117 .35 117 .27 117 .14 117 .04 117 .00 116 .96 116 .92 116 .80 116 .67 116 .59 116 .52 116 .44 116 .35 116 .28 116 .21 116 .21 116 .08		118.10 117.94 117.74 117.51 117.39 117.31 117.08 117.08 117.08 116.96 116.84 116.65 116.57 116.51 116.51 116.29 116.22 116.16 116.09 116.09 116.09	0.001855 0.002245 0.002675 0.002675 0.001569 0.001004 0.001337 0.001337 0.001551 0.000427 0.000660 0.000698 0.000744 0.000716 0.000774 0.000660 0.000740 0.000740 0.000666	2.25 2.155 3.718 3.181 3.19 2.888 1.932 2.345 2.552 2.552 2.688 2.762 2.559 2.555	370.92 436.39 341.16 369.24 444.34 558.19 511.93 490.36 531.23 754.14 743.36 732.17 703.66 670.92 615.98 560.12 561.14 550.45 554.52 559.75	362.24 473.01 376.57 413.15 471.81 566.29 528.00 493.09 512.60 569.13 566.52 560.60 559.40 554.40 537.27 525.77 513.33 490.02 465.36 415.04 431.98 445.16 429.61	0.20 0.21 0.22 0.21 0.22 0.23 0.22 0.21 0.21 0.21 0.20 0.19
RTVER~1	Reach-2	93.*	Max WS	752.46	109.00	116.28		116.36	0.000740	2.71	561.14	465.36	0.22
RIVER-1	Reach-2	92	Max WS	754.18 755.96 757.72 759.39		116.21		116.29	0.000666	2.62	550.45	415.04	0.21
RIVER-1	Reach-2	91.*	Max WS	755.96	108.50	116.15		116.22	0.000681	2.59	554.52	431.98	0.21
RIVER-1	Reach-2	91.* 90 89.*	Max WS	757.72	108.00 108.50	116.08 116.02		116.10	0 000610	2.33 2.40	599.75 599.34	443.10 429 61	0.21
RIVER-1 RIVER-1 RIVER-1	Reach-2	69." 88	Max WS Max WS	739.39 761 13	108.50	116.02 115.97 115.95		116.03	0.000546	2.49 2.43 1.78 1.34	640.81	415.36	0.19
RIVER-1	Reach-2	88 87.* 86	Max WS	761.13 762.31 763.69	108.00	115.95		115.99	0.000546 0.000242 0.000118	1.78	640.81 785.19 960.14	415.36 437.76 462.97	0.13
RIVER-1	Reach-2	86	Max WS	763.69	107.00	115.94		115.96	0.000118	1.34	960.14	462.97	0.09

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		0.F. at		764 40	107.50	KiteC 115.94	reek.rep	115 06	0.000155	4 27	1050 55	570 50	0.10
RIVER-1	Reach-2	85.*	Max WS	764.40 764.99 782.36	107.50 108.00	115.94 115.93		115.96 115.94 115.93	0.000155 0.000173 0.000308	1.37 1.26	1059.56 1237.04	579.58 705.00	0.10 0.11
RIVER-1 RIVER-1	Reach-2 Reach-2	84 83.*	Max WS Max WS	704.99	108.50	115.93		115.94	0.0001/3	1.65	1000.16	737.64	0.11
RIVER-1	Reach-2	82."	Max WS Max WS	782.36	109.00	115.85		115.91	0.000662	2.28	726.49	781.65	0.21
RIVER-1	Reach-2	81.56	Max WS	662 67	108.22	115.79	112.06	115.85	0.000723	2.01	329.32	79.44	0.17
RIVER-1	Reach-2	81.55	max ms	Bridge 776.71 776.93									
RIVER-1	Reach-2	81.30	Max WS	776.71	108.96 108.83	115.18 115.21		115.45 115.34	0.005061	4.18	185.86 264.01	64.96 61.20	0.44
RIVER-1	Reach-2	81.30 80.95	Max WS	776.93	108.83	115.21	112.19	115.34	0.000950	2.94	264.01	61.20	0.25
RIVER-1	Reach-2	80.94		Bridge 776.71	400 67	445 40		115 22	0.001046	2 02	257 41	62.65	0.20
RIVER-1	Reach-2	80.38	Max WS	7/6./1	108.67	115.18		115.32 115.20	0.001046	3.02	257.41	62.65 230.32	0.26 0.30
RIVER-1	Reach-2	79.3849*	Max WS	7/5./8	108.33 108.00	115.01		115.20	0.001347	3.49	222.35	230.32	0.30
RIVER-1 RIVER-1	Reach-2 Reach-2	78.39 77.6566*	Max WS Max WS	775.90	107.80	11/ 00		115.00	0.000364	2.53 1.79	556.82 941.13	527.09	0.20
RIVER-1	Reach-2	76.9233*	Max WS	775.76	107.60	115.00 114.99 114.96		115.01	0.000243	2.21	837.03	737.37	0.17
RIVER-1	Reach-2	76.19	Max WS	775.74	107.40	114.89		115.06 115.02 115.01 114.99 114.97	0.000564 0.000285 0.000441 0.000758	2.85	837.03 515.26	327.09 556.23 737.37 567.09	0.17 0.23 0.24
RIVER-1	Reach-2	75.86	Max WS	775.73	107.22	114.82	111.26	114.97	0.000868	3.09	251.09	312.47	0.24
RIVER-1	Peach-2	75.85		Bridge	400.00	44.60			0.004400	2 00	250 61	120 54	
RIVER-1	Reach-2 Reach-2 Reach-2	80.38 79.3849* 78.39 77.6566* 76.9233* 76.19 75.86 75.85 75.40 74.7* 74	Max WS	775.78 775.93 775.93 775.74 775.73 Bridge 775.48 775.48 775.46 775.36 775.36 775.36	106.63	114.60		114.75 114.67	0.001189 0.000948	3.09 2.42	250.61 410.68	120.54	0.27 0.24 0.22
RIVER-1	Reach-2	74.7"	Max WS Max WS	775.47	106.82 107.00	114.59		114.07	0.000946	1.91	720.00	1079 74	0.24
RIVER-1 RIVER-1	Reach-2	74 73 *	Max WS Max WS	775.46	107.43	114.50		114.54	0.000847 0.000491	1.72	729.42 931.76	1159.14	0.17
RIVER-1	Reach-2	72	Max WS	775.31	107.86	114.47		114.50	0.000345	1.65	1140.65	1225.96	0.15
RIVER-1	Reach-2	71.*	Max WS	979.51	107.44	114.33		114.45	0.001131	2.81	378.37	185.33	0.24
RIVER-1	Reach-2		Max WS	979.50	107.03	114.59 114.56 114.50 114.47 114.33 114.28		114.35	0.000345 0.001131 0.000722	1.72 1.65 2.81 2.19	1140.65 378.37 446.35	120.54 647.11 1079.74 1159.14 1225.96 185.33 96.60	0.17 0.15 0.24 0.18 0.20
RIVER-1	Reach-2	69.*	Max WS Max WS	979.37	107.35	114.18		114.27	0.000886	2.43	402.97	00.02	0.20
RIVER-1	Reach-2	68 67	Max WS	979.37 979.25 979.12 978.83 978.52	107.68	114.06		114.17	0.001166	2.68	365.61	83.64	0.23 0.28
RIVER-1	Reach-2	6/	Max WS	9/9.12	107.40 107.40	113.8/		114.03	0.001781 0.002146 0.001601	3.26 3.48	334.88 309.05	124.63 117.21 133.65	0.28
RIVER-1 RIVER-1	Reach-2 Reach-2	66 65.*	Max WS Max WS	9/0.03	107.20	113.00		113.65	0.002140	3.03	332.30	133.65	0.28
RIVER-1	Reach-2	64	May WS	978.36	107.00	113.39		113.51	0.001170	2.80	349.10	104.36	0.28 0.27 0.29 0.31
RIVER-1	Reach-2 Reach-2 Reach-2	63.*	Max WS Max WS Max WS Max WS	978.36 979.84	106.81	113.25		113.38	0.001450	2.82	347.18	104.36 121.70	0.29
RIVER-1	Reach-2	62.*	Max WS	981.03	106.62	113.10		113.23	0.001695	2.82	348.42	143.86	0.31
RIVER-1	Reach-2	61.*	Max WS	982.36	106.43	112.96		113.07	0.001454	2.68	371.03	162.05	0.29
RIVER-1	Reach-2	60	Max WS	981.03 982.36 983.37 985.99	106.24	114.28 114.18 114.06 113.87 113.66 113.51 113.39 113.25 113.10 112.96 112.76 112.76		114.60 114.54 114.50 114.45 114.27 114.17 114.03 113.84 113.51 113.38 113.23 113.23 113.27	0.001126 0.000876	2.42	419.65	186.42 186.78	0.26 0.23
RIVER-1	Reach-2 Reach-2	59.* 58	Max WS Max WS	983.99 988.85	106.07 105.90	112./0 112.71		112.03	0.000487	2.38	432.86 612.37 442.36	447.80	0.18
RIVER-1 RIVER-1	Reach-2	57.2	Max WS Max WS	000 70	107.05	112.59	110.02	112.73	0.001241	3.11	442.36	393.46	0.28
RIVER-1	Reach-2	57.19	Max WS	Bridge	107.03	112.55	110.02		0.001111	3.11	112130		
RIVER-1	Reach-2	56.9	Max WS	990.79 988.59 991.33 993.21 995.41 1001.73 1007.78	107.05	112.44		112.62 112.50	0.001658	3.46	366.93	369.23 343.00	0.32 0.21
RIVER-1	Reach-2	56 55.*	Max WS	991.33	105.90	112.41		112.50	0.000643	2.33	488.60	343.00	0.21
RIVER-1	Reach-2	55.*	Max WS	993.21	105.85	112.37		112.43	0.000615 0.000641 0.000542 0.000675 0.000808 0.000907	2.07	550.39	445.43 539.37	0.20
RIVER-1	Reach-2	54	Max WS	995.41	105.80 105.70	112.31		112.37	0.000641	$\frac{1.93}{1.88}$	587.08 695.67	353.88	0.20 0.17
RIVER-1 RIVER-1	Reach-2 Reach-2	53.* 52	Max WS Max WS	1001.73	105.60	112.23		112.30	0.000342	1.96	695.30 652.43 618.70	300 87	0.17
RIVER-1	Reach-2	51.*	Max WS	1010.50	105.57	112.08		112.13	0.000808	2.19	652.43	287.95 274.77 261.24	0.20 0.22 0.23 0.23
RIVER-1	Reach-2	50.*	Max WS	1013.21	105.54	111.98		112.04	0.000907	2.19 2.39	618.70	274.77	0.22
RIVER-1	Reach-2	49.*	Max WS	1015.88	105.50	111.88		111.95	0.000924	2.56	596.43	261.24	0.23
RIVER-1	Reach-2	48	Max WS	1018.52	105.47	111.79		111.87	0.000822	2.71	586.88	247.67	0.23
RIVER-1	Reach-2	47.*	Max WS	1010.50 1013.21 1015.88 1018.52 1021.13 1023.72	105.68	111./1		111.78	0.000836	2.62 2.45	630.74	280.99 317.03	0.23 0.22
RIVER-1	Reach-2	46.* 45.*	Max WS Max WS	1023.72	105.88 106.08	112.44 112.41 112.37 112.37 112.16 112.08 111.98 111.88 111.79 111.71 111.64 111.58		112 43 112 37 112 30 112 20 112 13 112 04 111 95 111 78 111 78 111 62 111 57 111 52 111 48	0.000826 0.000836 0.000755 0.000601 0.000433 0.000456	2 22	695.73 787.19 907.18 861.39 818.72	353.50	0.20
RIVER-1 RIVER-1	Reach-2 Reach-2	44	Max WS Max WS	1026.59 1029.72	106.29	111.53		111.57	0.000433	2.22 1.98 2.03	907.18	353.50 389.90	0.17 0.18 0.18 0.18 0.19 0.17
RIVER-1	Reach-2	43.*	Max WS	1032.38 1035.05 1037.73	106.30			111.52	0.000456	2.03	861.39	374.45 371.96	0.18
RIVER-1	Reach-2	42.*	Max WS	1035.05	106 31	111.43		111.48	0.000479	2.09	818.72	371.96	0.18
RIVER-1	Reach-2	41.*	Max WS	1037.73	106.32 106.33	111.38		111.43	0.000501	2.14	/83.95	368.83	0.18
RIVER-1	Reach-2	40	Max WS	1040.42	106.33	111.33		111.38	0.000523 0.000415	2.18	756.94	365.36	0.19
RIVER-1	Reach-2	39.*	Max WS	1040.40	106.17	111.29		111.33	0.000415	1.95 1.70	864.07 1018.27	393.75 432.20	0.17
RIVER-1	Reach-2 Reach-2	38.* 37.*	Max WS Max WS	1040.35	106.01 105.84	111.27		111.29	0.000307 0.000207	1.41	1223.37	465.99	0.12
RIVER-1 RIVER-1	Reach-2	37." 36	Max WS Max WS	1040.21	105.68	111 22		111.24	0.000289	1.68	1071.12	484.43	0.14
RIVER-1	Reach-2	35.22	Max WS	1040.19	104.52	111.07		111.24	0.001087	3.30	314.82	69.01	0.27 0.28
RIVER-1	Reach-2	34.82	Max WS	1040.21 1040.20 1040.19 1040.15	104.52 104.52	111.48 111.43 111.38 111.29 111.27 111.25 111.22 111.07	107.77	111.48 111.38 111.33 111.29 111.27 111.24 111.24	0.001119	3.34	311.54	68.73	0.28
RIVER-1	Reach-2	34.81		Bridge 1039.76							240 46	CF 20	0.40
RIVER-1	Reach-2	34.34	Max WS	1039.76	104.30	110.47 110.44		110.82 110.65 110.56	0.003371	4.74	219.41	65.29 75.72	0.46 0.34
RIVER-1	Reach-2	33.67*	Max WS	1039.76	104.12	110.44		110.65	0.001/44	3.68 2.62	282.73 520.57	75.72 455.96	0.34
RIVER-1	Reach-2	33 22 *	Max WS Max WS	1039.75 1039.63	103.93 103.40	110.46 110.39		110.30 110 48	0.001744 0.000748 0.000755	2.41	541.18	502.01	0.22
RIVER-1 RIVER-1	Reach-2 Reach-2	32.* 31.*	Max WS Max WS	1039.63	102.88	110.39 110.28		110.48 110.38 110.17	0.001109	2.52	541.18 492.75 317.08	525.92 184.55	0.26
RIVER-1	Reach-2	30	Max WS	1039.58	102.35	110.00		110.17	0.003367	3.28	317.08	184.55	0.42
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RIVER-1	Reach-2	29.*	Max WS	1039.56	102.34	109.66	о ср	109.85	0.003491	3.53	321.62	457.77	0.43
RIVER-1	Reach-2	28.*	Max WS	1039.44	102.33	109.34		109.54	0.003438	3.72	383.62	664.42	0.43
RIVER-1	Reach-2	27.*	Max WS	1039.28	102.33	109.12		109.26	0.002635	3.51	541.48	778.04	0.39
RIVER-1	Reach-2	26	Max WS	1039.20	102.32	108.98		109.05	0.001503	2.86	815.94	908.45	0.30
RIVER-1	Reach-2	25.*	Max WS	1039.01	101.99	108.82		108.92	0.002269	3.32	691.32	943.31	0.36
RIVER-1	Reach-2	24.*	Max WS	1038.88	101.66	108.63		108.73	0.002535	3.27	632.69	736.42	0.37
RIVER-1	Reach-2	23.*	Max WS	1038.73	101.33	108.45		108.54	0.002656	3.12	673.45	844.92	0.37
RIVER-1	Reach-2	22	Max WS	1038.56	101.00	108.29		108.35	0.002274	2.69	771.56	966.76	0.34
RIVER-1	Reach-2	21.*	Max WS	1038.17	101.27	108.11		108.16	0.002368	2.76	739.37	827.99	0.35
RIVER-1	Reach-2	20.*	Max WS	1037.52	101.54	107.92		107.98	0.002346	2.87	734.44	762.27	0.35
RIVER-1	Reach-2	19.*	Max WS	1036.48	101.82	107.74		107.80	0.002215	3.01	739.99	730.63	0.34
RIVER-1	Reach-2	18	Max WS	1034.61	102.09	107.57		107.63	0.002054	3.08	755.34	706.43	0.33
RIVER-1	Reach-2	17.*	Max WS	1031.46	101.97	107.40		107.46	0.001908	3.10	800.54	796.32	0.33
RIVER-1	Reach-2	16.*	Max WS	1026.98	101.85	107.26		107.31	0.001675	2.86	971.02	1182.36	0.30
RIVER-1	Reach-2	15.*	Max WS	1023.79	101.73	107.17		107.19	0.000852	1.94	1251.64	1203.88	0.21
RIVER-1	Reach-2	14	Max WS	1022.40	101.61	107.13		107.14	0.000432	1.30	1583.28	1219.50	0.15
RIVER-1	Reach-2	13.*	Max WS	1021.49	101.43	107.10		107.11	0.000330	1.06	1729.24	1221.81	0.13
RIVER-1	Reach-2	12.*	Max WS	1020.62	101.26	107.08		107.08	0.000246	0.96	1885.41	1213.71	0.11
RIVER-1	Reach-2	11.*	Max WS	1020.23	101.08	107.06		107.07 107.06	0.000183 0.000139	0.90 0.82	2050.17 2210.16	1198.57 1162.18	0.10
RIVER-1	Reach-2	10 9.*	Max WS	1019.87 1019.54	100.90 100.75	107.05 107.03		107.04	0.000139	1.05	1828.33	1020.42	0.09 0.11
RIVER-1 RIVER-1	Reach-2 Reach-2	9." 8.*	Max WS Max WS	1019.34	100.73	107.00		107.04	0.000383	1.42	1460.42	953.82	0.15
RIVER-1	Reach-2	7.*	Max WS	1018.67	100.45	106.94		106.96	0.000684	2.03	1182.46	1110.91	0.20
RIVER-1	Reach-2	6	Max WS	1017.08	100.30	106.81		106.89	0.001487	3.14	891.50	1208.66	0.30
RIVER-1	Reach-2	5.*	Max WS	1015.74	100.15	106.69		106.76	0.001304	3.02	939.29	1279.04	0.28
RIVER-1	Reach-2	4.*	Max WS	1014.97	100.00	106.58		106.65	0.001107	2.85	1019.17	1403.57	0.26
RIVER-1	Reach-2	3.*	Max WS	1014.04	99.85	106.49		106.54	0.000910	2.63	1165.75	1665.85	0.24
RIVER-1	Reach-2	ž.	Max WS	1013.84	99.70	106.43		106.46	0.000578	2.14	1572.21	2198.12	0.19
RIVER-1	Reach-2	ī.*	Max WS	1013.77	99.55	106.36		106.41	0.000820	2.62	1271.07	2117.11	0.23
RIVER-1	Reach-2	0	Max WS	1013.69	99.40	106.28	103.72	106.34	0.000826	2.69	1088.91	1823.24	0.23

Appendix P-12: HEC-RAS Results, Anatolia III – Alternative 'C' Model, 100-Year, 24-Hour Storm

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

X	X	XXXXXXX	XX	XX		XX	XX	Х	X	XXXX
Х	X	X	Х	X		Х	Х	Х	Х	Х
Х	X	X	Х			Х	X	Х	X	X
XXX	XXXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
X	X	X	X			Х	X	X	X	X
X	X	X	X	×		Х	Х	Х	X	X
X	X	XXXXXX	XX	XX		X	X	X	X	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 2:37:14 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2	Reach-1	11900	Max WS	601.67	158.00	163.02		163.02	0.000053	0.47	1281.41	305.82	0.04
RIVER-2	Reach-1	11850.*	Max WS	600.15	157.71	163.01		163.02	0.000055	0.46	1316.06	334.38	0.04
RIVER-2	Reach-1	11800	Max WS	600.14 598.66	157.42	163.01		163.02	0.000023	0.32	1882.95	425.14	0.03
RIVER-2	Reach-1	11750.*	Max WS	598.66	156.96	163.01		163.01	0.000024	0.33	1837.49	416.35	0.03
RIVER-2	Reach-1	11700	Max WS	598.65	156.50	163.01		163.01 163.01	0.000022 0.000024	0.32 0.34	1852.68 1748.18	395.46 371.65	0.03 0.03
RIVER-2	Reach-1	11650.*	Max WS	598.64 598.63	156.25 156.00	163.01 163.01		163.01	0.000024	0.34	1680.65	347.09	0.03
RIVER-2	Reach-1	11600 11550.*	Max WS Max WS	598.63	155.05	163.01		163.01	0.000025	0.35	1698.91	351.33	0.03
RIVER-2	Reach-1	11500.		597.20	154.11	163.01		163.01	0.000025	0.35	1710.54	355.65	0.03
RIVER-2 RIVER-2	Reach-1 Reach-1	11450.*	Max WS Max WS	505 77	154.05	163.01		163.01	0.000023	0.33	1827.48	390.87	0.03
RIVER-2	Reach-1	11400	Max WS	595.77 597.16	154.00	163.00		163.01	0.000020	0.31	1956.21	434.93	0.03
RIVER-2	Reach-1	11350.*	Max WS	595.76	154.00	163.00		163.00	0.000018	0.29	2034.90	434.94	0.02
RIVER-2	Reach-1	11300	Max WS	594.38	154.00	163.00		163.00	0.000015	0.27	2239.33	479.62	0.02
RIVER-2	Reach-1	11250.*	Max WS	594.38 595.74	154.00	163.00		163.00	0.000012	0.25	2422.30	485.57	0.02
RIVER-2	Reach-1	11200	Max WS	594.37	154.00	163.00		163.00	0.000009	0.23	2626.45	502.64	0.02
RIVER-2	Reach-1	11150.*	Max WS	594.37 595.68	153.00	163.00		163.00	0.000007	0.21	2857.07	524.52	0.02
RIVER-2	Reach-1	11100	Max WS	595.65 594.35 594.34	152.00	163.00		163.00	0.000006	0.19	3094.64	554.28	0.01
RIVER-2	Reach-1	11050.*	Max WS	594.35	152.00	163.00		163.00	0.000005	0.18	3310.40	571.83	0.01
RIVER-2	Reach-1	11000	Max WS	594.34	152.00	163.00		163.00	0.000004	0.17	3599.42	612.54	0.01
RIVER-2	Reach-1	10887.5*	Max WS	594.32	152.00	163.00		163.00	0.000003	0.15	3990.17	609.73	0.01
RIVER-2	Reach-1	10775.*	Max WS	594.30	152.00	163.00		163.00	0.000002	0.13	4521.25	625.07	0.01
RIVER-2	Reach-1	10662.5*	Max WS	595.46	152.00	163.00		163.00	0.000001	0.12	5140.64	657.83	0.01 0.01
RIVER-2	Reach-1	10550	Max WS	595.40	152.00	163.00		163.00	0.000001	0.10	5815.46	698.07 807.77	0.01
RIVER-2	Reach-1	10490.*	Max WS	594.24 594.20	151.60	163.00		163.00	0.000001 0.000001	0.09 0.08	6475.89 7093.18	908.62	0.01
RIVER-2	Reach-1	10430.*	Max WS	594.20	151.20	163.00		163.00 163.00	0.000001	0.08	7676.10	1006.05	0.01
RIVER-2	Reach-1	10370.*	Max WS	593.11	150.80	163.00 163.00		163.00	0.000001	0.08	8235.24	1108.23	0.00 0.00
RIVER-2	Reach-1	10310.*	Max WS	594.10 595.06	150.40 150.00	163.00		163.00	0.000001	0.07	8779.71	1174.51	0.00
RIVER-2	Reach-1	10250 10200.*	Max WS Max WS	594.07	150.00	163.00		163.00	0.000001	0.07	8156.17	1042.81	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	10150	Max WS Max WS	594.05	150.00	163.00		163.00	0.000001	0.08	7553.27	876.21	0.00
RIVER-2	Reach-1	10100.*	Max WS Max WS	594.88	150.00	163.00		163.00	0.000001	0.08	7228.41	882.04	0.01
RIVER-2	Reach-1	10050	Max WS	594.03	150.00	163.00		163.00	0.000001	0.09	6944.77	803.18	0.01
RIVER-2	Reach-1	10000.*	Max WS	594.01	150.00	163.00		163.00	0.000001	0.08	7215.44	820.24	0.00
RIVER-2	Reach-1	9950	Max WS	593.99	150.00	163.00		163.00	0.000001	0.08	7505.94	842.71	0.00

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RIVER-2	Reach-1	9900.*	Max WS	594.71	150.00 150.00 150.00 150.00	163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00		163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	0.000001 0.000000 0.000001 0.000001	0.07	8338.53 9061.08 9017.36 9346.52 10071.08 10885.02 13250.78 15722.80 16740.29 18084.60 17477.69 16729.35 15569.53 14359.69 13866.98 13450.48 13784.44 13966.46 13199.07 12677.05	1101. 11 1241. 73 1485. 00 1505. 48 1538. 83 1582. 71 1718. 54 1830. 49 1836. 06 1807. 33 1738. 24 1633. 82 1455. 79 1279. 93 1178. 12 1058. 23 1025. 35 978. 18 996. 42	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9850 9800.*	Max WS Max WS	593.90	150.00	163.00		163.00	0.000001	0.07 0.07 0.06	9017.36	1485.00	0.00
RIVER-2	Reach-1	9750	Max WS	593.22	150.00	163.00		163.00	0.000001	0.06	9346.52	1505.48	0.00
RIVER-2	Reach-1	9675.* 9600 9550.*	Max WS Max WS	593.85 593.81	149.36 148.73	163.00		163.00	0.000000	0.06	100/1.08	1538.83 1582 71	0.00 0.00
RIVER-2	Reach-1	9550.*	Max WS	593.23	148.36	163.00		163.00	0.000000	0.04	13250.78	1718.54	0.00 0.00
RIVER-2	Reach-1	9500	Max WS	593.70	148.00	163.00		163.00	0.000000	0.04	15722.80	1830.49	0.00 0.00
RIVER-2	Reach-1	9430.*	Max WS Max WS	593.25	147.00	163.00		163.00	0.000000	0.04	18084.60	1807.33	0.00
RIVER-2	Reach-1	9500.* 9450.* 9400 9350.* 9300.*	Max WS Max WS Max WS	593.56	149.36 148.73 148.36 148.00 147.00 146.00 145.51 145.02 144.51 144.00 144.00 143.08	163.00		163.00	0.00001 0.000000 0.000000 0.000000 0.000000 0.000000	0.05 0.04 0.04 0.03 0.03 0.04 0.04 0.04 0.04	17477.69	1738.24	0.00 0.00 0.00
RIVER-2	Reach-1	9300	Max WS Max WS	593.52 503.81	145.02 144.51	163.00 163.00		163.00 163.00	0.000000	0.04	16729.35	1633.82 1455.79	0.00
RIVER-2	Reach-1	9100	May WS	593.69	144.00	163.00		163.00	0.000000	0.04	14359.69	1279.93	0.00
RIVER-2	Reach-1	9050.*	Max WS	593.45	144.00	163.00		163.00	0.000000	0.04	13866.98	1178.12	0.00
RIVER-2	Reach-1	9000 8900.*	Max WS Max WS	593.43 593.39	144.00	163.00		163.00	0.000000	0.04	13784.44	1038.23	0.00 0.00
RIVER-2	Reach-1	8800	Max WS Max WS Max WS	593.32	142.16 143.70 145.24	163.00		163.00	0.000000	0.04	13966.46	978.18	0.00
RIVER-2	Reach-1	8700.*	Max WS	593.37	143.70	163.00	145.98	163.00	0.000000	0.04	13199.07	996.42	0.00 0.00
RIVER-2	Reach-1	8500		Inl Struct			143.30		0.000000				
RIVER-2	Reach-1	8450	Max WS	593.30	140.56 140.09	154.39		154.57	0.003543	3.40	174.46	35.86	0.27
RIVER-2 RIVER-2	Reach-1	8350 8250.*	Max WS Max WS	595.95 598.59	139.60	153.98		154.18	0.004343	3.55	168.03	35.96 36.58	0.29
RIVER-2	Reach-1	8150.*	Max WS	601.25	139.11	153.10		153.30	0.004519	3.58	168.17	37.30	0.30
RIVER-2	Reach-1	8050.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	603.89	138.62	152.65		152.85	0.003543 0.004343 0.004423 0.004519 0.004626 0.004699 0.004744 0.004781 0.004811 0.004812	3.59	168.27	38.05	0.30
RIVER-2	Reach-1	7850.*	Max WS Max WS	609.20	137.64	151.72		151.93	0.004744	3.61	168.86	38.86	0.31
RIVER-2	Reach-1	7750.*	Max WS	611.86	137.15	151.25		151.45	0.004781	3.61	169.29	39.16	0.31
RIVER-2	Reach-1	7650.* 7550 *	Max WS Max WS Max WS	614.51 617.16	136.66 136.17	150.78		150.98	0.004811	3.62 3.62	169.70	39.35 39.47	0.31
RIVER-2	Reach-1	7450.*	Max WS	619.83	135.68	149.82		150.03	0.004804	3.62	171.05	39.53	0.31
RIVER-2	Reach-1	7350.*	Max WS	622.51	135.19	149.35		149.55	0.004786	3.62	171.89	39.60	0.31
RIVER-2 RIVER-2	Reach-1	7250.* 7150.*	Max WS Max WS	627.79	134.70	148.86		149.06	0.004807	3.66	174. 46 168.07 168.17 168.27 168.47 168.86 169.29 169.70 170.35 171.05 171.46 171.48 169.32 166.09 164.94 161.80 155.07 146.71 167.35 185.33 175.26 154.58 126.53 152.09 177.10 199.68 218.10 234.23 242.79 228.93 83.60 151.09 248.47 286.94 320.84	39.79	0.27 0.29 0.30 0.30 0.31 0.31 0.31 0.31 0.31 0.31
RIVER-2	Reach-1	7050.*	Max WS	630.36	133.72	147.77		147.99	0.005562	3.72	169.32	42.52	0.33
RIVER-2	Reach-1	6950.*	Max WS	597.36	133.23	147.17		147.37	0.005592	3.60	166.09 164.94	44.61 47.26	0.33
RIVER-2	Reach-1	6750.*	Max WS Max WS	590.56	132.25	145.99		146.20	0.006501	3.65	161.80	48.37	0.34 0.35 0.40 0.43 0.33 0.31 0.36 0.43 0.37 0.32 0.29 0.36 0.36 0.48 0.36 0.36
RIVER-2	Reach-1	6650.*	Max WS	638.65	131.76	145.30		145.56	0.008642	4.12	155.07	47.50	0.40
RIVER-2 RIVER-2	Reach-1	6550 6466.66*	Max WS Max WS	643.10	131.27	144.57 143.92		144.07	0.007512	3.84	167.35	57.72	0.40
RIVER-2	Reach-1	6383.33*	Max WS	645.19	134.40	143.48		143.66	0.004361	3.48	185.33	52.71	0.33
RIVER-2	Reach-1	6300 6250	Max WS	647.32 648.56	135.97	143.13 142.87		143.35 143.15	0.003358	3.69 4.20	1/3.26 154.58	39.14 36.19	0.31
RIVER-2	Reach-1	6200	Max WS	649.83	135.00	142.44		142.85	0.007157	5.14	126.53	28.34	0.43
RIVER-2	Reach-1	6100.*	Max WS	652.00	134.75	141.96		142.25	0.004960	4.29	152.09 177.10	35.58 43.49	0.37
RIVER-2	Reach-1	5900.*	Max WS Max WS	648.87	134.25	141.24		141.41	0.003095	3.25	199.68	51.96	0.29
RIVER-2	Reach-1	5800.*	Max WS	650.83	134.00	140.87		141.00	0.003596	2.98	218.10	73.60	0.31
RIVER-2	Reach-1	5700.* 5600.*	Max WS	653.42 665.14	133.75	140.42 139.88		140.54	0.005511	2.79	234.23 242.79	124.53	0.36
RIVER-2	Reach-1	5500.*	Max WS	667.70	133.25	139.23		139.37	0.008287	2.94	228.93	161.28	0.42
RIVER-2	Reach-1	5400	Max WS	670.23	133.00	136.80		137.80	0.027571	8.02	83.60	28.60	0.83
RIVER-2	Reach-1	5304.54* 5209.09*	Max WS May WS	6/2.68 675.15	132./3 132.45	135.66		135.97	0.009807	3.30	204.59	93.59	0.30
RIVER-2	Reach-1	5113.63*	Max WS	677.60	132.18	134.56		134.67	0.005021	2.73	248.47	127.37	0.34
RIVER-2	Reach-1	5018.18*	Max WS	680.07	131.91	134.16		134.25	0.004307	2.3/	286.94 320.84	162.11 197.97	0.31
RIVER-2	Reach-1	4922.72* 4827.27*	Max WS Max WS	685.05	131.04	133.47		133.53	0.003706	1.95	350.73	237.08	0.31 0.29 0.28 0.28
RIVER-2	Reach-1	4731.81*	Max WS	687.54	131.09	133.14		133.20	0.003626	1.82	378.47	280.85	0.28 0.27
RIVER-2	Reach-1	4636.36* 4540.90*	Max WS Max WS	690.03 602.53	139.60 139.11 138.62 138.13 137.64 137.15 136.66 136.66 135.19 134.21 133.72 132.74 132.25 131.27 132.25 134.40 135.90 134.50 135.50 136.50 137.50	132.82 132.46		132.86 132.51	0.003/02	1.66	402.82 418.41	390.42	0.27
RIVER-2	Reach-1	4445.45*	Max WS	695.03	130.27	132.08		132.13	0.004749	1.65	421.33	442.85	0.28 0.30 0.48 0.44
RIVER-2	Reach-1	4350	Max WS	697.54	130.00	131.47		131.55	0.013881	2.25	309.99 333 20	457.35 467.92	0.48 0.44
RIVER-2 RIVER-	Reach-1 Reach-1	9100 9050.* 9000 8900.* 8700.* 8600 8500 8450 8450.* 8050.* 8050.* 7950.* 7950.* 7650.* 7750.* 7750.* 7350.* 7350.* 7350.* 6850.* 6830.* 6830.* 6650.* 6650.* 6650.* 6750.* 7050.* 7150.* 7250.* 7250.* 7350.* 7250.* 7350.* 6850.* 6850.* 6850.* 6850.* 6300.* 6300.* 5300.* 5300.* 5300.* 5400.*	Max WS Max WS	594.71 593.92 593.92 593.92 593.85 593.81 593.85 593.81 593.20 593.56 593.52 593.56 593.52 593.43 593.37 593.32 Inl 593.39 593.37 593.32 Inl 593.30 595.95 603.89 606.55 601.25 603.89 606.55 601.25 603.89 606.55 601.25 603.89 606.55 604.31 617.16 619.83 622.51 627.79 630.36 597.36 638.65 641.01 643.10 645.10 645.10 645.10 645.10 645.83 653.42 665.84 667.70 670.23 675.15 677.68 670.23 675.15 677.68 670.23 675.15 677.68 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03 697.54 690.03	129.40 128.80	154.39 153.98 153.55 153.10 152.65 152.19 151.72 151.72 151.73 150.78 150.78 149.35 148.86 148.34 147.77 147.17 146.61 145.99 145.30 144.57 143.92 144.57 143.92 144.57 143.92 144.57 143.93 144.57 143.93 144.57 143.93 144.59 145.60 141.59 141.59 141.24 140.87 140.87 140.87 140.87 130.88 131.47 132.46 133.47 130.87 130.89 130.03		154.57 154.18 153.74 153.30 152.85 152.89 151.93 151.98 150.50 150.03 149.06 148.54 147.99 147.37 146.20 145.56 144.15 143.35 144.15 143.35 144.25 141.40 140.00 139.37 137.80 135.21 134.67 133.87	0.004804 0.004786 0.004807 0.004807 0.005562 0.005592 0.005909 0.006501 0.008642 0.010112 0.007512 0.004361 0.003388 0.004669 0.007157 0.004960 0.003698 0.003698 0.003591 0.005511 0.005824 0.005511 0.005894 0.005021 0.005021 0.00480 0.003698 0.003698	3.556 3.558 3.559 3.661 3.662 3.662 3.662 3.662 3.663 3.664 4.127 4.848 4.204 4.204 4.204 4.204 4.204 4.204 4.204 4.204 4.204 4.204 4.204 4.303 2.737 2.137	320.84 350.73 378.47 402.82 418.41 421.33 309.99 333.20 376.02 433.53 477.72	35.86 35.96 35.96 37.30 38.51 38.86 39.16 39.35 39.47 39.53 39.60 39.78 44.61 48.37 47.57 57.72 52.71 36.19 28.60 124.53 144.98 161.28 28.60 60.47 93.59 127.37 162.11 197.97 287.85 457.35 467.35 469.94 484.27 495.48	0.37
RIVER-2	Reach-1	4080.*	Max WS	704.04	128.20	130.03		130.07	0.004991	1.62	433.53	484.27	0.30 0.27
RIVER-2	Reach-1	3990.*	Max WS	706.22	127.60	129.74		129.77	0.003745	1.48	4//./2	493.48	0.27

						100.00							
RIVER-2	Reach-1	3900	Max WS	708 39	127.00	KiteC 129.50 129.25 129.00 128.76 128.51 128.27 128.03 127.78	геек.гер	129 53	0 003241	1.40	504.87	508.26	0.25
RIVER-2	Reach-1	3900 3800.*	Max WS	708.39 711.17	127.00 126.70	129.25		129.53 129.28	0.003241 0.003235	1.41	503.73	501.74	0.25 0.25
RIVER-2	Reach-1	37NN *	Max WS	713.93	126.40	129.00		129.03	0 003303	1.42	503.96	495 68	0.25
RIVER-2	Reach-1	3600.*	Max WS	716.70	126.10	128.76		128.79	0.003143	1.42	505.77 510.21	490.29	0.25 0.24
RIVER-2	Reach-1	3500.*	Max WS	719.45	125.80 125.50	128.51		128.55	0.003042	1.41	510.21	490.29 486.12 483.44	0.24
RIVER-2 RIVER-2	Reach-1 Reach-1	3600.* 3500.* 3400.* 3300.*	Max WS Max WS	722.20 724 95	125.20	128.27		128.30	0.003203 0.003143 0.003042 0.002966 0.002920 0.002898	1.40 1.40	514.12 517.16	483.44 482.16	0.24 0.24
RIVER-2	Reach-1	3200.*	Max WS	727.70	124.90	127.78		127.81	0.002320	1.40	518.77	480.40	0.24
RIVER-2	Reach-1 Reach-1	3100.*	Max WS	730.44	124.60	127.52		127.55	0.002911	1.41	517.77	476.93	0.24
RIVER-2	Reach-1	3300.* 3200.* 3100.* 3000.* 2900 2812.5* 2725.* 2637.5* 2462.5*	Max WS	733.18	124.30	127.52 127.24 126.93 126.64 126.37 126.12 125.86 125.59 125.33 125.05 124.76 124.49 124.25		127.27	0.002898 0.002911 0.003131 0.003481 0.003864 0.003920 0.003502 0.003577 0.003468 0.003577 0.003470 0.003470 0.003401	1.44	509.35	480.75	0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	2900	Max WS Max WS	/35.93 720 21	124.00	126.93		126.96	0.003481	1.46 1.49	505.30 495.75 493.90 503.95	507.34	0.26
RIVER-2	Reach-1	2725.*	Max WS Max WS	740.49	123.52 123.03	126.37		126.40	0.003804	1.50	493.73	520.81 519.10	0.27 0.27
RIVER-2	Reach-1	2637.5*	Max WS	742.76	122.55	126.12		126.15	0.003686	1.47	503.95	518.81	0.26
RIVER-2	Reach-1 Reach-1 Reach-1	2550.*	Max WS	745.03	122.07	125.86		125.90	0.003502	1.45	512.40	518.02 515.51	0.26
RIVER-2 RIVER-2	Reach-1	2462.5* 2375	Max WS Max WS	747.30	121.58 121.10	125.59		125.62	0.003577	1.47 1.46	509.15	515.51 513.90	0.26
RIVER-2 RIVER-2	Reach-1		Max WS Max WS	749.30 752.03	121.10	125.33		125.30	0.003466	1.43	514.27 525.06 524.83	525.48	0.26 0.25 0.26 0.26 0.25
RIVER-2	Reach-1	2279.16* 2183.33*	Max WS	754.49	121.03	124.76		124.79	0.003470	1.44	524.83	525.48 535.91	0.26
RIVER-2	Reach-1 Reach-1	2087.5*	Max WS	756.94	121.00	124.49		124.52	0.003401	1.42	533.20	546.61	0.25
RIVER-2	Reach-1	1991.66* 1895.83*	Max WS	759.39	120.97 120.93	124.25		124.28	0.003069	1.37 1.30	555.78 587.47	558.75 571.56	0.24 0.23
RIVER-2 RIVER-2	Reach-1 Reach-1	1800	Max WS Max WS	764 25	120.93	124.03		124.00	0.002647	1.21	630.03	5ጸብ ጸጸ	0.23
RIVER-2	Reach-1	170E *	Max WS	766.66	120.43	123.63		123.66	0.002357	1.28	601.20	549.76	0.21 0.21
RIVER-2	Reach-1 Reach-1	1703.** 1610.** 1515.** 1420	Max WS	769.06	119.95	123.42		123.45	0.002658	1.35 1.45	569.42 534.76	549.76 522.68 502.74 478.62	0.23
RIVER-2	Reach-1	1515.*	Max WS	771.46	119.47 119.00	123.17		123.20	0.002995	1.45 1.60	534.76 494.37	502.74	0.24 0.27 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1	1324.61*	Max WS Max WS	773.81	118.62	122.50		122.58	0.003641	1.60	501.67	574.19	0.27
RIVER-2	Reach-1	1324.61* 1229.23*	Max WS	773.76	118.23	122.22		122.26	0.003512	1.57	517.97	574.19 580.51	0.26
RIVER-2	Reach-1 Reach-1 Reach-1	1122 01*	Max WS	773.72	117.85	121.91		121.95	0.00369 0.002647 0.002156 0.002357 0.002658 0.002995 0.003633 0.003641 0.003512 0.003478	1.55 1.52	527.74	579.22	0.26
RIVER-2	Reach-1	1038.46*	Max WS	773.66	117.46 117.08	121.62		121.65	0.003454	1.52	535.27 543.02	575.95 572.17	0.26 0.26
RIVER-2 RIVER-2	Reach-1	943.076° 847.692*	Max WS Max WS	7/3.3/ 773 <i>4</i> 1	116.69	121.34		121.37	0.003392	1.49	544 71	564 19	0.26
RIVER-2	Reach-1	752.307*	Max WS	773.37	116.31	120.78		120.81	0.003363	1.51	528.69 505.15	517.36	0.26
RIVER-2	Reach-1 Reach-1	1038.46* 943.076* 847.692* 752.307* 656.923* 561.538*	Max WS	713.93 716.70 719.45 722.20 724.95 727.70 730.41 733.18 735.93 738.21 744.30 749.56 752.03 749.56 752.83 754.49 756.39 761.81 764.25 766.66 771.46 773.81	115.92	123.83 123.63 123.42 123.17 122.86 122.54 122.22 121.91 121.62 121.34 120.78 120.48 120.19 119.92 119.66 119.35 118.76 170.61 170.61		120.51	0.003434 0.003392 0.003401 0.003363 0.003414 0.003496	1.58	505.15	564.19 517.36 466.57 426.71	0.26 0.26 0.26 0.27
RIVER-2	Reach-1	561.538*	Max WS	773.30	115.54	120.19		120.23	0.003496 0.003508	1.65 1.68	484.11 464.54	426.71 383.34	0.27 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	466.153* 370.769* 275.384*	Max WS Max WS Max WS Max WS	7/3.2/ 773 14	115.15 114.77	119.92		119.90	0.003508 0.003807 0.005417 0.007007 0.005342 0.004832 0.005799 0.006560 0.004407 0.004196	1.78	424.66	325.69	0.28
RIVER-2	Reach-1	275.384*	Max WS	772.72	114.38	119.35		119.43	0.005417	2.14	348.97	325.69 260.43	0.33
RIVER-2	Reach-1		Max WS	764.49	114.00 169.00 168.75	118.76		118.95	0.007007	3.43	222.63	101.50 142.24 151.07 159.29 182.42	0.41
RIVER-1	Reach-1	326 325.5* 325.* 324.5* 324 323.* 322	Max WS	150.61	169.00	170.61		170.71	0.005342	2.91 2.76	80.02	142.24	0.48 0.46
RIVER-1 RIVER-1	Reach-1	3∠3.3° 325 *	Max WS Max WS	149.93	168.50	170.36		170.43	0.004632	2.70	86.23 88.08	159.29	0.40
RIVER-1	Reach-1	324.5*	Max WS Max WS Max WS Max WS	166.77	168.25 168.00	169.78		169.89	0.006560	3.14	90.23	182.42	0.50 0.53
RIVER-1	Reach-1	324	Max WS	166.45	168.00	169.55		169.61	0.004407	2.63	113.69	200.56	0.44
RIVER-1	INCUCII II	323.*	Max WS	166.97	167.02 166.04	169.18	167.94	169.31 168.56	0.004196	3.23 5.35	88.57 32.71	192.85 47.57	0.45 0.83
RIVER-1 RIVER-1	Reach-1 Reach-1	322 320	Max WS Max WS	192 45	166.00	167.55	107.54	167.61	0.015052	3.28	130.17	254.13	0.54
RIVER-1	Reach-1	319.*	Max WS	192.67	166.00	167.36		167.40	0.002602	3.23 5.35 3.28 1.76	130.17 164.32 162.75	254.13 370.91 505.58	0.33
RIVER-1	Reach-1	318	Max WS	192.65	166.00	169.78 169.18 169.18 168.12 167.36 167.36 167.18 166.96 166.45 165.81 165.37 164.99		167.21	0.013032 0.006541 0.002602 0.002615 0.002437 0.007488 0.005619	1.49	162.75	505.58	0.33 0.32 0.30 0.51 0.45
RIVER-1 RIVER-1	Reach-1 Reach-1	317.*	Max WS Max WS Max WS	193.44	165.50 165.00	166.96		166.59	0.002437	1.39 2.10	146.64 92.64	376.17 175.70	0.50
RIVER-1	Reach-1	316 315.*	Max WS	197.24	164.50	165.81		165.88	0.005619	2.04	96.73	15/1 25	0.45
RIVER-1	Reach-1	314	Max WS	200.33	164.00 163.50	165.37		165.42	0.002638	2.00	133 66	239.46	0.34
RIVER-1	Reach-1	313 *	May WS	202.17	163.50	164.99		165.08	0.004868	2.69	114.65 181.60 113.86	273.26	0.46
RIVER-1	Reach-1 Reach-1	312 211 *	Max WS	204.08	163.00 162.50	164.67 164.17		164.70	0.003231	2.13 3.12	113 86	230.00 230.92	0.37 0.55
RIVER-1 RIVER-1	Reach-1	312 311.* 310 309.*	Max WS Max WS Max WS Max WS Max WS	208.64	162 00	163.79		163.82	0.002638 0.004868 0.003231 0.007011 0.002131	2.02	1/2.81	239.46 273.26 355.06 230.92 233.00	0.31 0.63
RIVER-1	Reach-1	309.*	Max WS	210.74	161.26	163.21		163.40	0.009166	3.63	83.36	259.99 165.98	0.63
RIVER-1	Reach-1	308	Max WS	212.79	161.26 160.51 159.76	162.83		162.86	0.009166 0.001670 0.004465 0.007502 0.006736	1.82	159.41	165.98	0.28
RIVER-1	Reach-1 Reach-1	307.* 306	Max WS Max WS	213.08	159.76 159.00	162.56 162.18		162.08 162.36	0.004465	2.86 3.52	96.62 104.03	299.98 575.40 493.68 692.25	0.45 0.57
RIVER-1 RIVER-1	Reach-1	305.*	Max WS	215.85	159.00	161.66		161.80	0.006736	3.18	98.47	493.68	0.54
RIVER-1	Reach-1	304	Max WS Max WS	214.25	150 00	161.40		161.42	0.001400	1.58	272.75	692.25	0.25 0.26
RIVER-1	Reach-1	304 303.*	Max WS	214.59	158.75 158.50 158.25	161.28		161.32	0.001393	1.93	244.10	661.96	0.26
RIVER-1	Reach-1	302 301.*	Max WS Max WS	215.85	158.50	161.14		161.22 161.03	0.002241 0.002118	2.88 2.70	202.48 170.54	649.43 271.78	0.35 0.34
RIVER-1 RIVER-1	Reach-1 Reach-1	301.* 300	Max WS Max WS	193.44 194.32 197.24 200.33 202.17 204.08 206.31 208.64 210.74 212.79 213.08 214.86 215.85 214.25 214.59 215.85 217.14	158.25	164.17 163.79 163.21 162.83 162.56 162.18 161.66 161.40 161.28 161.14 160.95 160.78		128.79 128.55 128.30 128.30 128.36 127.85 127.27 126.68 126.40 126.68 126.40 125.63 124.79 124.28 123.65 123.40 122.98 120.51 120.51 120.51 120.51 120.51 120.81 120.51 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81 120.81	0.002082	2.54	176.68	260.22	0.33
RIVER-1	Reach-1	299.*	Max WS	217.46	158.31	160.59		160.66	0.002738	2.90	154.53	206.44	0.38

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RIVER-1	Reach-1	298 297.* 296 295.* 294 293.* 292 291.5 290.62 290.61 289.32 288.66* 287.*	Max WS	215.51	158.62 158.31 158.00 158.01 157.51 157.00 157.00	160.43 160.28 160.23 160.19 160.15 160.11 160.06 159.93 159.70		160.47 160.31 160.23 160.20 160.16 160.12 160.08 160.04 159.81	0.002162 0.001123 0.000249 0.000422 0.000433 0.000392	2.49 1.77 0.85 1.10 1.11 1.17 1.40 3.13 2.73	173.13 258.51 465.79 350.52 319.15 293.33 251.77 98.23 75.72	184.00 354.34 450.54 386.60 322.29 216.84 151.12 64.34 36.17	0.33 0.24 0.11 0.15 0.15 0.16 0.37 0.33
RIVER-1	Reach-1	297."	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	213.99	158.31	160.28		160.31	0.001123	1.//	258.51 465 70	354.34 450.54	0.24 0.11
RTVER-1	Reach-1	295.*	Max WS	213.45	158.01	160.23		160.20	0.000249	1.10	350.52	386.60	0.11
RIVER-1	Reach-1	294	Max WS	224.44	158.01	160.15		160.16	0.000433	1.11	319.15	322.29	0.15
RIVER-1	Reach-1	293.*	Max WS	224.32	157.51	160.11		160.12	0.000392	1.17	293.33	216.84	0.15
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	292	Max WS	224.22	157.00	160.06		160.08	0.000454 0.002447 0.002077	1.40	251.77	151.12	0.16
RIVER-1	Reach-1	291.5	Max WS	223.81 206.44	157.00	159.93	158.38	160.04	0.002447	3.13	98.23	64.34	0.37
RIVER-1	Reach-1	290.62	Max WS	200.44 Bridge	137.00	139.70	130.30	139.01	0.002077		73.72	30.17	
KIVEK-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	289.32	Max WS	217.97	157.00	158.99		159.27	0.006913	4.21 4.39 1.05 1.29 1.40 3.04 2.96 3.40	51.82	31.97	0.58 0.68 0.14 0.17 0.18 0.41 0.41
RIVER-1	Reach-1	288.66*	Max WS	221.92	156.50	158.49		158.79	0.009841	4.39	50.56	38.57	0.68
RIVER-1	Reach-1	288	Max WS	220.52	156.00	158.31		158.32	0.000360	1.05	408.46	427.28	0.14
RIVER-1	Reach-1	287.°	Max WS	220.20	156.00	158.27		158.28	0.000536	1.29	344.55	387.50	0.17
RIVER-1	Reach-1	285.*	Max WS	220.32	155.50	158.05		158.18	0.003228	3.04	100.06	164.06	0.41
RIVER-1	Reach-1	284	Max WS	220.57	155.00	157.75		157.89	0.003364	2.96	74.40	45.59	0.41
RIVER-1	Reach-1	283.*	Max WS	220.92	154.75	157.39		157.56	0.003870	3.40	77.24	88.65	0.45
RIVER-1	Reach-1	282	Max WS	221.35	154.50	157.12		157.28	0.003524	3.70	107.95	140.55	0.43
RIVER-I	Reach-1	281."	Max WS May WS	221.84	154.25	156.78		156.58	0.003360	3.03	93.23 73.45	103 19	0.43
RIVER-1	Reach-1	279.*	Max WS	222.88	153.25	155.98		156.18	0.003926	3.58	66.97	61.06	0.45
RIVER-1	Reach-1	278	Max WS	223.39	152.50	155.62		155.81	0.003683	3.50	66.51	45.89	0.44
RIVER-1	Reach-1	277.*	Max WS	238.77	152.45	155.12		155.36	0.005280	3.98	66.02	70.31	0.52
RIVER-1	Reach-1	2/b 275 *	Max WS	239.06	152.40	154.64		154.88	0.005814	4.19	//.43 116 46	100.71	0.55
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	273."	MAX WS MAX WS	239.43	157.00 156.50 156.00 156.00 155.50 155.00 154.75 154.25 154.20 153.25 152.40 151.90 151.40 151.30 151.40 151.30 151.40 151.30	158.99 158.49 158.31 158.27 158.05 157.75 157.39 157.12 156.78 155.62 155.62 155.62 155.64 154.34 154.08 153.87 153.87 153.68 153.27 152.26 151.92		154.41	0.006913 0.009841 0.000360 0.000536 0.000618 0.003228 0.003364 0.003870 0.003524 0.003560 0.004380 0.003926 0.005280 0.005280 0.005280 0.00514 0.003154 0.003154 0.001810 0.000669 0.001474 0.003905 0.003905 0.004807 0.004807 0.004234 0.0003319	3.65 3.86 3.58 3.50 3.98 4.19 2.25 1.76 1.02 1.32 2.29 2.29 3.29 3.36 3.33	51.82 50.56 408.46 344.55 314.97 100.06 74.40 77.24 107.95 93.25 73.45 66.97 66.51 66.02 77.43 116.46 139.74 179.93 268.44 192.38 104.86 104.87 73.17 70.67 71.18	31.97 38.57 427.28 387.50 333.32 164.06 45.59 88.65 140.55 111.30 103.19 61.06 45.89 70.31 100.71 142.81 235.94 235.17 246.74 249.13 105.46 70.35 35.35 35.35 35.38	0.43 0.48 0.45 0.45 0.52 0.55 0.34 0.30 0.21 0.40 0.42
RIVER-1	Reach-1	273.*	Max WS	239.48	151.30	153.87		153.91	0.001810	1.46	179.93	235.17	0.23
RIVER-1	Reach-1	272	Max WS	239.67	151.20	153.78		153.79	0.000669	1.02	268.44	246.74	0.15
RIVER-1	Reach-1	271.*	Max WS	239.86	150.85	153.68		153.70	0.001474	1.32	192.38	249.13	0.21
RIVER-1 RIVER-1	Reach-1	270 260 *	Max WS	239.94	150.50	153.27	1	152.33	0.003994	2.29	104.00	75 99	0.40
	Reach-1	268	Max WS	240.38	149.75	152.26		152.43	0.004807	3.29	73.17	35.35	0.40
RIVER-1	Reach-1	267.265*	Max WS	237.37	149.43	151.92		152.09	0.004234	3.36	70.67	35.28	0.42
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	286 285.* 284 283.* 280 279.* 277.* 276 275.* 274 273.* 271.* 270 269.* 268 267.265* 266.53 266.52 265.05 264.033* 263.016* 262.261.* 269.*	Max WS	237.25	149.10	151.65	150.60	159.81 159.27 158.32 158.28 158.18 157.89 157.28 156.95 156.58 155.81 155.81 155.81 155.81 154.41 154.13 153.91 153.70 153.70 153.70 153.86 152.43 152.43	0.003319	3.33	71.18	35.83	0.42
RIVER-1	Reach-1	266.52	May WC	Briage	140 65	151 02		151 25	0.004441	2 72	64 50	24 29	0.48
RIVER-1	Reach-1	264.033*	Max WS Max WS	240.33	148.24	150.62		150.83	0.004441	3.69	65.19	43.18	0.53
RIVER-1	Reach-1	263.016*	Max WS	240.08	147.84	150.23		150.37	0.006220	3.11	91.35	121.86	0.46
RIVER-1	Reach-1	262	Max WS	239.98	147.43	150.03		150.05	0.001453	1.59	204.42	227.89	0.22
RIVER-1	Reach-1	261.*	Max WS	240.38	146.71	149.25		149.44	0.010801	3.54	69.69	61.84	0.56
RIVER-I	Reach-1	200 250 *	Max WS	240.74	146.00	140.01		148.07	0.003337	3 49	75 33	84 88	0.53
RIVER-1	Reach-1	258	Max WS	240.82	146.00	147.74		147.79	0.003267	2.07	149.20	183.00	0.31
RIVER-1	Reach-1	257.*	Max WS	241.05	145.50	147.47		147.52	0.003261	2.31	153.80	210.48	0.32
RIVER-1	Reach-1	256	Max WS	241.28	145.00	147.05		147.15	0.006605	3.44	132.96	276.66	0.46
RIVER-1	Reach-1	255.*	Max WS	251.16 251.22	144.50	146.52		146.00	0.008232	3./3	103.73	109.04	0.51
RIVER-1 RIVER-1 RIVER-1	Reach-1	253.*	Max WS	251.48	143.00	145.10		145.30	0.012380	4.27	80.89	110.99	0.48 0.53 0.22 0.56 0.33 0.53 0.31 0.32 0.41 0.36 0.28 0.35 0.32 0.35 0.32 0.35 0.41
RIVER-1	Reach-1	252	Max WS	251.60	142.00	144.64		144.71	0.003613	2.62	145.54	182.68	0.34
RIVER-1	Reach-1	251.*	Max WS	251.91	141.75	144.18		144.26	0.004134	2.59	148.35	266.30	0.36
RIVER-1	Reach-1	250	Max WS	252.23	141.50	143.82		143.86	0.002483	1.94	215.00	425.85	0.28
RIVER-1	Reach-1	249.*	Max WS	252.33 252.40	141.25	143.38		143.03	0.005361	2.14	145 99	370.19	0.32
RTVER-1	Reach-1	247.*	Max WS	252.39	140.75	142.91		142.95	0.003517	2.10	176.38	293.27	0.32
RIVER-1	Reach-1	246	Max WS	252.65	140.50	142.68		142.69	0.001006	1.31	265.77	276.40	0.18
RIVER-1	Reach-1	245.*	Max WS	252.78	139.75	142.39		142.51	0.005530	3.35	106.91	131.65	0.43
RIVER-1	Reach-1	244	Max WS	252.94	139.00	142.08		142.18	0.003080	3.41	134.38 136.70	204.41 180.82	0.41
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	258 257.* 256 255.* 253.* 252 251.* 250 249.* 248 247.* 246 247.* 246 243.* 241.* 241.* 240.*	MAX WS MAX WS	215.51 213.99 214.61 213.45 224.44 224.32 224.22 223.81 206.44 Bridge 217.97 221.92 220.57 220.57 220.57 221.35 221.84 222.36 222.38 223.39 238.77 239.48 223.39 238.77 239.48 223.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.39 240.38 239.48 239.48 239.58 240.38 251.36 251.32 251.40 252.33 252.40 252.33 252.40 252.33 252.40 253.65 253.65 253.65 253.65 253.65 253.65 253.65 253.65 253.65 253.65 253.55	148.65 148.24 147.84 147.43 146.71 146.00 146.00 145.50 145.50 144.50 144.50 144.50 141.75 141.50 141.75 141.50 141.25 141.00 140.75 140.50 139.75 139.75 139.50 139.50 138.50 138.50 137.62 137.25 136.60	151.03 150.62 150.23 150.03 149.25 148.61 147.74 147.47 147.47 146.52 145.91 144.18 143.82 143.58 143.27 142.68 142.39 142.68 141.64 141.64 141.63 141.64		151.25 150.83 150.37 150.05 149.44 148.67 148.23 147.52 147.52 146.66 145.30 144.26 143.86 143.35 142.95 142.69 142.51 142.69 141.69 141.69 141.70 141.08	0.004441 0.006665 0.006220 0.001453 0.010801 0.003557 0.009498 0.003261 0.006605 0.008232 0.008307 0.012380 0.003613 0.004134 0.002483 0.003381 0.00419 0.003526 0.005530 0.005530 0.005530 0.005530 0.005105 0.003980 0.003526 0.004228 0.00378 0.003184 0.00378	3.72 3.69 3.11 1.59 3.228 3.49 2.31 3.75 3.58 4.27 2.59 1.94 2.37 2.131 3.76 1.315 2.76 2.29 2.22 1.914 2.03 2.94 2.94	64.59 65.19 91.35 204.42 69.69 137.51 75.33 149.20 153.80 132.96 105.73 90.87 80.89 145.54 148.35 215.00 180.81 145.99 176.38 265.77 106.91 134.38 136.70 160.65 150.35 152.34 165.63 151.96 158.64 127.26	34.28 43.18 121.86 227.89 61.84 171.39 84.88 183.00 210.48 276.66 169.84 100.29 110.99 182.68 266.30 425.85 388.10 370.19 293.27 276.40 131.65 204.41 180.82 226.14 216.95 172.24 227.40 242.84	0.33
RIVER-1	Reach-1	241.*	Max WS	253.24	139.50	141.32		141.37	0.004228	2.39	150.35	216.95	0.36
RIVER-1	Reach-1	240	Max WS	253.46	139.00	141.03		141.08	0.003078	2.22	152.34	172.24	0.33 0.36 0.31 0.31
RIVER-1	Reach-1	239.*	Max WS	253.65	138.50	140.75		140.79	0.003184	1.99	165.63 151.06	227.40	0.31 0.37
RIVER-1	Reach-1	238 237 25*	Max WS	253.63 236.94	138.00 137.62	140.38 140.08		140.44 140.12	0.004832	2.14	158.64	260.27	0.37
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	236.5	Max WS	253.57	137.25	139.62		139.72	0.008175	2.94	127.26	280.84	0.33 0.48
KTAFK-T	Reach-1	235.85	Max WS	253.55	136.60	139.12	138.17	139.33	0.004002	3.65	69.51	35.13	0.46
RIVER-1	Reach-1	235.84		Bridge 253.53				420 42	0.000000	2 27	05.00	27 72	A 25
RIVER-1	Reach-1	239.** 237.25* 236.5 235.85 235.84 235.23	Max WS	253.53	136.10	139.05		139.19	0.002236	2.97	85.23	37.72	0.35

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RIVER-1 Reach-1 234,13° Max MS 223.47 133.27 138.67 SCREENE, Tep 130.00 0.0039 3.46 77.00 0.039 0.30 RIVER-1 Reach-1 231.6° Max MS 223.47 131.50 132.57 132.57 0.00396 3.94 9.68 123.67 0.00398 1.0039							KiteC	reek.rep						
RIVER-1 Reach-1 223 0.06 Max 86 233.45 135.00 138.55 118.55 0.003966 3.11 0.06.86 0.04.56 0.04	RIVER-1	Reach-1	234.153*		253.51	135.73	138.87	•	139.05	0.003295	3.46	77.00	90.93	0.39
RIVER-1 Reach-1 221, ** Max MS 257, 28 1315,00 137,54 1318,01 0.005000 2.45 135,03 442,33 0.15 RIVER-1 Reach-1 227 ** Max MS 252, 28 1315,00 137,55 137,56 1005000 2.45 135,00 442,33 0.15 RIVER-1 Reach-1 227 ** Max MS 252,36 131,40 0.117,65 117,68 0.001310 1.0 0.10 405,33 0.0 11 RIVER-1 Reach-1 227 ** Max MS 253,69 131,80 0.117,65 117,68 0.001310 1.0 0.10 273,69 448,42 0.13 RIVER-1 Reach-1 227 ** Max MS 253,69 131,80 0.117,65 117,68 0.001310 1.0 0.10 273,69 448,42 0.13 RIVER-1 Reach-1 227 ** Max MS 253,69 131,80 0.13 RIVER-1 Reach-1 227 ** Max MS 254,21 131,36 131,48 131,4	RIVER-1	Reach-1	233.076*	Max WS	253.47	135.37	138.66		138.87	0.004966	3.94	96.81	230.06	0.44
RIVER-1 Reach-1 230	RIVER-I	Reach-1	232 231 *	Max WS	233.43 252 80	135.00	130.23		130.33	0.010390	3.11	100.58	409.89	0.39
RYVER-1 Reach-1 229.* Max MS 253.62 131.50 137.77 137.88 0.008605 1.50 237.49 450.68 0.17 FYVER-1 Reach-1 227.* Max MS 251.00 131.50 137.65 137.65 137.68 0.008506 1.50 273.49 450.68 0.17 RYVER-1 Reach-1 225.* Max MS 254.10 133.70 137.10 137.65 0.008506 1.50 131.28 306.55 0.21 RYVER-1 Reach-1 225.* Max MS 254.10 133.40 135.66 136.60 0.005509 1.51.28 306.55 0.0.42 RYVER-1 Reach-1 225.* Max MS 254.10 133.40 135.65 136.67 0.005509 1.51.28 306.55 0.0.42 RYVER-1 Reach-1 225.* Max MS 254.10 133.40 135.56 136.67 0.005509 1.51.28 306.55 0.0.42 RYVER-1 Reach-1 227.* Max MS 254.10 133.40 135.56 136.77 0.005509 1.51.28 306.57 0.42 RYVER-1 Reach-1 227.* Max MS 254.10 133.00 133.12 136.77 0.005509 1.51.28 306.57 0.42 RYVER-1 Reach-1 227.* Max MS 254.10 133.00 133.12 136.77 0.005509 1.51.28 306.57 0.42 RYVER-1 Reach-1 227.* Max MS 254.10 133.00 133.12 136.77 0.005509 1.51.28 306.57 0.42 RYVER-1 Reach-1 227.* Max MS 254.10 133.00 133.12 136.77 0.005509 1.51.28 136.77 0.005509 1.51.	RIVER-1	Reach-1	230	Max WS	252.63	135.00	137.54		137.85	0.003600	1 09	405 83	500 51	0.33
RIVER-1 Reach-1 228 Max MS 263.69 134.00 127.65 137.68 0.001310 2.01 273.69 425.52 0.21 RIVER-1 Reach-1 226 Max MS 264.61 333.64 137.32 137.50 137.32 137.50 10.01346 13.09 131.40 361.93 10.23 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50 137.32 137.50	RTVER-1	Reach-1	229.*	Max WS	263.62	134.50	137.77		137.78	0.000302	1.50	337.49	450.86	0.17
RIVER-1	RIVER-1	Reach-1	228	Max WS	263.69	134.00	137.65		137.68	0.001310	2.01	273.69	428.52	0.21
RYVER-1 Reach-1 226	RIVER-1	Reach-1	227.*	Max WS	263.86	133.85	137.52		137.56	0.001564	1.99	243.40	361.93	0.23
## STURES 1	RIVER-1	Reach-1	226	Max WS	264.10	133.70	137.19		137.27	0.005598	2.90	151.28	306.35	0.41
Styles-1 Reach-1 251	RIVER-1	Reach-1	225.*	Max WS	264.21	133.48	136.86		136.96	0.005509	3.22	145.67	289.24	0.42
RIVER-1 Reach-1 227.* MAX NO CAST-1 133.00 135.07 138.07 10.00441 3.75 148.39 277.50 0.4.50 148.07 1	RIVER-1	Reach-1	224	Max WS	264.31	133.25	136.54		136.65	0.005569	3.54	144.48	278.65	0.42
RIVER-1 Reach-1 221.* Reach 22	RIVER-1	Reach-1	223.*	Max WS	264.42	133.12	136.17		136.27	0.005440	3.49	148.95	2/3.32	0.42
RIVER-1 Reach-1 220	RIVER-I	Reach-1	222 221 *	Max WS	204.10 262 13	133.00	133.92		135.97	0.003211	2./3	182.79	2/3.24 288 15	0.32 0.32
RIVER-1 Reach-1 229.* Max WS 257.71 131.80 135.50 135.54 0.00357 1.22 2.28 257.78 306.29 0.23 RIVER-1 Reach-1 217.* Max WS 257.75 131.20 135.40 135.40 135.51 0.00357 1.22 384.46 3354.57 0.11 RIVER-1 Reach-1 216.* Max WS 257.69 132.75 1315.43 135.44 0.00384 0.98 374.23 334.77 0.11 RIVER-1 Reach-1 216.* Max WS 257.69 132.75 135.43 135.44 0.00384 0.98 374.23 336.77 0.01 RIVER-1 Reach-1 216.* Max WS 277.23 131.25 21 135.43 135.44 0.00384 0.98 374.23 336.77 0.01 RIVER-1 Reach-1 216.* Max WS 277.23 131.25 21 135.36 135.36 135.37 0.000322 0.88 46 0.98 374.78 0.01 RIVER-1 Reach-1 216.* Max WS 277.23 131.25 21 135.36 135.36 135.37 0.000322 0.88 46 0.98 374.78 0.01 RIVER-1 Reach-1 200.70 Max WS 303.76 130.22 135.35 135.36 135.37 0.000322 0.88 46 0.98 374.78 0.00 0.98 174.71 0.00 RIVER-1 REACH-1 200.70 Max WS 303.76 130.22 135.35 135.36 135.37 0.000322 0.88 46 0.00 0.30 0.80 137.37 0.00 0.00 0.00 0.00 0.00 0.00 0.00	RTVFR-1	Reach-1	220	Max WS	259.09	132.40	135.56		135.61	0.003140	2.72	195.80	316.51	0.30
RIVER-1 Reach-1 218 MAX WS 257,74 311.20 135.49 135.51 0.000357 1.22 884.46 354.53 0.11 RIVER-1 Reach-1 218 MAX WS 257.83 131.26 218.54 0.00038 1.35.47 0.11 RIVER-1 Reach-1 215.* MAX WS 273.23 131.26 2135.40 135.47 0.00038 1.12 131.71 292.49 0.15 RIVER-1 Reach-1 215.* MAX WS 273.23 131.26 2135.40 135.47 0.00038 1.12 131.71 292.49 0.15 RIVER-1 Reach-1 215.* MAX WS 273.23 131.26 2135.50 135.30 0.00039 1.12 131.71 292.49 0.15 RIVER-1 Reach-1 215.* MAX WS 303.30 12.61 131.55 131.55 0.00039 1.12 135.20 0.00039 1.12 120.50 0.0	RIVER-1	Reach-1	219.*	Max WS	257.71	131.80	135.50		135.54	0.001512	2.28	225.78	306.29	0.23
RIVER-1 Reach-1 217.* Max WS 277.33 131.98 135.47 135.47 0.000363 1.12 881.63 335.77 0.12 RIVER-1 Reach-1 216 * Max WS 277.32 132.50 135.38 135.39 0.000349 0.32 374.23 315.77 0.12 RIVER-1 Reach-1 214 Max WS 273.32 132.50 135.38 135.39 0.000239 0.82 449.06 325.74 0.09 RIVER-1 Reach-1 213.* Max WS 303.67 131.22 132.50 135.38 135.39 0.000239 0.82 449.06 325.74 0.09 RIVER-1 Reach-1 220 97 Max WS 303.67 131.22 131.50 135.38 0.000229 1.02 452.46 124.06 125.57 4 0.09 RIVER-1 Reach-1 200.77 Max WS 303.67 131.22 135.35 135.39 0.000229 1.02 452.46 124.06 125.57 4 0.09 RIVER-1 Reach-1 200.77 Max WS 303.61 130.29 135.25 135.30 0.000070 0.32 444.64 139.16 12 0.09 RIVER-1 Reach-1 200.77 Max WS 303.61 130.19 135.22 135.35 135.30 0.000070 0.32 444.64 139.16 12 0.09 RIVER-1 Reach-1 200.78 Max WS 303.61 130.19 135.12 135.35 10 0.00070 0.00070 132 444.64 139.16 12 0.09 RIVER-1 Reach-1 200.78 Max WS 303.61 130.19 130.19 135.12 135.30 0.000070 132 449.06 32 0.00070 132 449.06 12 0.00070 132 42 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 12 0.00070 132 449.06 12 0.00070 132 449.06 12 0.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.00070 132 449.000	RIVER-1	Reach-1	218	Max WS	257.74	131.20	135.49		135.51	0.000357	1.22	384.46	354.53	0.11
RIVER-1 Reach-1 216 Max WS 25, 68 132, 75 135, 43 135, 44 0,000384 0,98 374, 23 318, 72 0,125	RIVER-1	Reach-1	217.*	Max WS	257.53	131.98	135.47		135.47	0.000363	1.12	381.63	335.77	0.12
ELVER-1 Reach-1 213.* Max WS 272.32 134.66 135.38 135.36 0.000213 1.62 144.06 575.74 0.0.00 0.00 0.00 0.00 0.00 0.00 0.00	RIVER-1	Reach-1	216	Max WS	257.68	132.75	135.43		135.44	0.000384	0.98	374.23	316.72	0.12
EXPER-1 Reach-1 212 Max WS	RIVER-1	Reach-1	215.*	Max WS	2/3.23	132.62	135.40		135.42	0.000619	1.29	317.17	292.49	0.15
ETYPE-1 Reach-1 212	KIVER-I	Reach-1	214 212 *	Max WS	2/3.32	132.30	133.36		133.39	0.000239	1.02	449.06	343.74	0.09
ETYPER-1 Reach-1 209.97 Max WS 303.76 130.22 135.25 135.28 0.000190 1.51 201.63 60.22 0.15 FIVER-1 Reach-1 207.78 Max WS 303.61 130.19 135.12 135.30 0.000570 3.42 88.66 59.41 0.27 RIVER-1 Reach-1 207.78 Max WS 303.45 129.75 134.88 135.05 0.000968 3.28 82 62 FIVER-1 Reach-1 204.33 Max WS 303.45 129.57 134.84 135.05 0.000969 3.30 94.94 62.20 0.25 RIVER-1 Reach-1 204.33 Max WS 303.45 129.57 134.84 135.00 0.000969 3.30 97.86 63.49 0.25 RIVER-1 Reach-1 204.33 Max WS 303.43 129.14 134.66 134.87 0.000409 3.30 97.86 63.49 0.25 RIVER-1 Reach-1 190.50 Max WS 303.30 129.14 134.67 134.67 0.000180 1.50 238.54 65.00 0.12 RIVER-1 Reach-1 191.75 Max WS 303.30 129.14 134.67 134.67 0.000180 1.50 238.54 65.00 0.12 RIVER-1 Reach-1 191.75 Max WS 303.30 129.14 134.66 134.87 0.000180 1.50 238.54 65.00 0.12 RIVER-1 Reach-1 191.75 Max WS 302.93 129.14 134.66 134.87 0.000180 1.50 238.54 65.00 0.12 RIVER-1 Reach-1 191.75 Max WS 302.93 129.14 134.66 134.69 0.00037 0.83 365.73 79.07 0.07 RIVER-1 Reach-1 191.75 Max WS 302.93 129.14 134.66 134.69 0.00037 0.83 365.73 79.07 0.07 RIVER-1 Reach-1 191.55 Max WS 407.15 127.27 134.55 134.70 0.000180 1.36 385.73 79.07 0.07 RIVER-1 Reach-1 191.55 Max WS 407.15 127.20 134.55 134.70 0.000278 3.11 331.12 78.28 0.20 Max WS 407.02 129.98 130.51 130.00 0.000378 3.11 331.12 78.28 0.20 Max WS 407.02 129.98 130.51 130.000800 1.88 444.92 383.66 0.20 Max WS 407.02 129.28 129.39 130.51 130.24 0.000278 3.11 331.12 78.28 0.20 Max WS 407.02 129.28 129.31 0.000800 1.88 444.92 383.66 0.21 RIVER-1 Reach-1 184.5 Max WS 407.02 126.00 129.28 129.38 130.51 129.27 0.000278 3.11 331.12 78.28 0.20 Max WS 407.02 129.28 129.39 130.24 0.000278 3.13 33.15 33.60 0.21 RIVER-1 Reach-1 184.5 Max WS 407.02 126.00 129.28 129.39 130.24 0.000278 3.13 33.15 33.60 0.22 RIVER-1 Reach-1 184.5 Max WS 407.02 126.00 129.28 129.39 130.24 0.000278 3.13 33.14 33.66 0.21 RIVER-1 Reach-1 184.8 Max WS 407.02 126.00 129.28 129.39 130.000800 1.88 444.99 33.66 0.21 RIVER-1 Reach-1 179.4 Max WS 441.61 125.00 126.00 129.24 129.30 129.25 0.0000745 1.36 43	DTVED-1	Peach-1	213."	Max WS	303.37	131.00	133.30		135.37	0.000222	0.92	432.40	194 16	0.10
ETVER-1 Reach-1 207.79 Max WS 303.61 130.19 135.12 135.30 0.000570 3.42 88.66 59.41 0.27 RIVER-1 Reach-1 207.78 Max WS 303.61 129.57 134.84 135.00 0.00053 3.28 92.42 61.07 0.25 RIVER-1 Reach-1 204.33 Max WS 303.40 129.57 134.84 135.00 0.000453 3.28 94.94 62.20 0.25 RIVER-1 Reach-1 204.33 Max WS 303.13 129.21 134.66 134.87 0.000049 3.28 94.94 62.20 0.25 RIVER-1 Reach-1 207.48 Max WS 303.13 129.22 134.66 134.87 0.000049 3.10 97.86 63.49 0.03 RIVER-1 REACH-1 139.70 Max WS 303.13 129.21 134.66 134.87 0.000049 3.10 97.86 63.49 0.03 RIVER-1 REACH-1 139.70 Max WS 303.10 129.11 134.87 0.000049 1.10 97.86 63.49 0.03 RIVER-1 REACH-1 139.71 Max WS 303.13 129.22 134.65 134.67 0.000070 1.10 97.86 63.49 0.03 RIVER-1 REACH-1 139.71 Max WS 302.93 127.30 134.68 134.69 0.000070 1.83 365.73 79.07 0.70 RIVER-1 REACH-1 139.15 Max WS 302.93 127.72 134.65 134.67 0.000078 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 139.55 Max WS 407.15 127.27 134.65 134.67 0.000078 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 139.55 Max WS 407.09 126.92 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 139.65 Max WS 407.00 126.90 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 139.45 Max WS 407.00 126.90 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 134.5 Max WS 407.00 126.90 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 134.5 Max WS 407.00 126.90 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 134.5 Max WS 407.00 126.90 129.88 130.51 0.000268 4.13 98.45 44.44 0.49 RIVER-1 REACH-1 134.5 Max WS 407.00 126.90 129.80 139.50 0.000503 1.18 44.90 330.16 0.01 129.10 129.10 129.50 0.000503 1.18 44.90 330.16 0.01 129.10 129.10 129.50 0.000503 1.18 44.90 330.16 0.01 129.10 129.10 129.10 129.00 0.000503 1.18 44.90 330.16 0.01 129.10	RTVFR-1	Reach-1	209.97	Max WS	303.76	130.22	135.25		135.28	0.000171	1.51	201.63	60.22	0.15
RIVER-1 Reach-1 207.78 Max WS 303.43 129.72 134.88 135.05 0.000496 3.28 92.42 61.07 0.26 RIVER-1 Reach-1 204.33 Max WS 303.43 129.22 134.66 134.81 0.000496 3.19 94.94 62.20 0.25 RIVER-1 Reach-1 202.43 Max WS 303.33 129.21 134.74 134.77 0.000497 1.05 285.46 7.00 0.25 RIVER-1 Reach-1 201.80 Max WS 303.30 129.11 134.74 134.77 0.000138 1.27 239.52 65.06 0.23 RIVER-1 Reach-1 397.57 Max WS 303.33 129.22 134.66 134.81 0.000409 3.10 97.86 63.49 0.23 RIVER-1 Reach-1 137.50 Max WS 303.35 129.21 134.74 134.77 0.000138 1.27 239.52 65.06 0.25 RIVER-1 REACH-1 137.50 Max WS 303.35 129.21 134.74 134.77 0.0000707 1.05 285.44 79.97 0.09 RIVER-1 REACH-1 139.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 139.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 139.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 139.56 Max WS 407.02 126.00 129.28 130.24 0.000278 3.11 131.12 78.28 0.20 RIVER-1 REACH-1 134.5 Max WS 407.02 126.00 129.28 130.24 0.000800 1.88 43.93 331.6 0.000278 131.10 0.000278 3.11 131.12 78.28 0.00 RIVER-1 REACH-1 134.5 Max WS 407.00 126.00 129.28 129.88 130.24 0.000800 1.88 43.93 331.6 0.000278 3.11 131.12 78.28 0.00 RIVER-1 REACH-1 134.5 Max WS 407.00 126.00 129.28 129.88 130.24 0.000800 1.88 43.93 331.6 0.00 RIVER-1 REACH-1 134.5 Max WS 407.00 126.00 129.10 129.10 129.10 129.26 0.000275 3.24 0.000800 1.88 43.33 375.16 0.00 RIVER-1 REACH-1 134.8 Max WS 407.00 126.00 129.10 129.10 129.10 129.20 0.000275 3.24 0.000800 1.88 43.93 375.16 0.00 RIVER-1 REACH-1 134.8 Max WS 407.00 126.00 129.10 129.10 129.10 129.20 0.000275 3.24 0.00 RIVER-1 REACH-1 134.8 Max WS 407.00 126.00 129.10 129.10 129.10 0.000275 3.24 0.00 RIVER-1 REACH-1 134.8 Max WS 407.00 126.00 129.10 129.10 129.10 0.000275 3.24 0.00 RIVER-1 REACH-1 130.8 Max WS 407.00 126.00 129.10 129.10 129.10 0.000275 3.24 0.00 RIVER-1 REACH-1 130.8 Max WS 407.00 126.00 129.10 129.10 129.10 129.20 0.000275 3.24 0.00 RIVER-1 REACH-1 130.00 RIVER-1 REACH-1 130.00 RI	RIVER-1	Reach-1	207.79	Max WS	303.61	130.19	135.12		135.30	0.000570	3.42	88.66	59.41	0.27
RIVER-1 Reach-1 205.36 Max ws 303.45 129.75 134.88 135.05 0.000496 3.28 92.42 61.07 0.26 RIVER-1 Reach-1 204.34 Max ws 303.30 129.11 134.74 134.77 0.000433 3.19 94.94 62.20 0.25 RIVER-1 Reach-1 202.43 Max ws 303.30 129.11 134.74 134.77 0.000433 3.10 97.86 63.49 0.23 RIVER-1 Reach-1 201.80 Max ws 303.30 129.11 134.74 134.77 0.000018 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 197.50 Max ws 303.30 129.11 134.74 134.77 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 197.50 Max ws 303.30 129.11 134.71 134.73 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 193.71 Max ws 302.93 127.33 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 193.75 Max ws 302.91 127.30 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 190.28 Max ws 302.91 127.30 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 190.28 Max ws 307.09 127.30 127.30 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 190.28 Max ws 307.09 126.92 129.98 130.10 0.000278 0.33 135.77 79.07 0.07 RIVER-1 Reach-1 189.55 Max ws 407.09 126.69 2 129.98 130.24 0.00268 4.13 894.54 44.44 0.49 RIVER-1 Reach-1 189.65 Max ws 407.09 126.69 125.28 129.28 130.24 0.00268 4.13 894.54 44.44 0.49 RIVER-1 Reach-1 189.65 Max ws 407.09 126.69 125.28 12	RIVER-1	Reach-1	207.78		Culvert									
RIVER-1 Reach-1 204.34 Max WS 303.30 129.57 134.84 135.00 0.000493 3.19 94.94 62.20 0.25 RIVER-1 Reach-1 204.83 Max WS 303.30 129.11 134.74 134.77 0.000118 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 197.50 Max WS 303.30 129.11 134.74 134.77 0.000118 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 197.50 Max WS 303.30 129.11 134.74 134.73 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 197.50 Max WS 303.30 129.11 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 197.50 Max WS 303.02 93 127.30 134.68 134.69 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 197.50 Max WS 303.50 127.77 134.55 134.70 0.000178 131.11 131.12 78.28 0.20 RIVER-1 Reach-1 197.50 Max WS 303.02 93 127.30 134.68 134.69 0.000078 0.83 3365.73 79.07 0.07 0.07 0.07 0.07 0.07 0.00 0.00	RIVER-1	Reach-1	205.36	Max WS	303.45	129.75	134.88		135.05	0.000496	3.28	92.42	61.07	0.26
REVER-1 Reach-1 101.80 Max WS 303.02 129.11 134.74 134.77 0.00018 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 197.50 Max WS 303.03 129.11 134.74 134.77 0.00018 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 191.71 Max WS 302.93 127.30 134.68 134.71 134.73 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 191.71 Max WS 302.93 127.30 134.68 134.70 0.00070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 191.56 Max WS 407.15 127.27 134.55 134.70 0.00078 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 191.55 Max WS 407.15 127.27 134.55 134.70 0.00078 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 199.55 Max WS 407.15 127.27 134.55 134.70 0.00078 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 199.55 Max WS 407.15 127.27 134.55 134.70 0.00078 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 189.55 Max WS 407.02 126.02 129.98 130.24 0.002468 4.13 98.45 44.44 0.49 RIVER-1 Reach-1 189.65 Max WS 407.02 126.00 129.28 129.98 130.24 0.002468 4.13 98.45 44.44 0.49 RIVER-1 Reach-1 184.5 Max WS 407.02 126.00 129.24 129.29 RIVER-1 Reach-1 184.5 Max WS 407.00 126.00 129.24 129.20 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.4 Max WS 407.04 126.00 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.4 Max WS 407.09 126.00 129.18 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 413.63 126.00 129.10 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 413.63 126.00 129.10 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 413.63 126.00 129.10 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 413.63 126.00 129.10 129.24 129.26 0.000745 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 413.63 126.00 129.10 129.24 129.26 0.000755 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 446.40 128.11 126.00 129.24 129.26 0.000755 1.96 434.53 375.16 0.21 RIVER-1 Reach-1 181 8.7 Max WS 446.03 126.00 129.10 129	KIAFK-T	Reach-1	204.34	Max WS	303.30	129.57	134.84		135.00	0.000453	3.19	94.94	62.20	0.25
RIVER-1 Reach-1 201.80 Max WS 303.30 129.11 134.74 134.77 0.000118 1.27 239.52 65.06 0.12 RIVER-1 Reach-1 197.50 Max WS 303.02 128.34 134.71 134.73 0.000070 1.05 289.64 70.95 0.12 RIVER-1 Reach-1 191.71 Max WS 302.93 127.30 134.68 134.69 0.000037 0.83 365.73 79.07 0.07 RIVER-1 Reach-1 191.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 131.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 130.56 Max WS 407.09 126.92 129.98 130.24 0.002625 8.15 43.86 39.50 0.92 RIVER-1 Reach-1 189.65 Max WS 407.09 126.92 129.98 130.24 0.00268 4.13 98.45 44.44 0.99 RIVER-1 Reach-1 184.5 Max WS 407.09 126.00 129.28 129.38 129.31 0.000600 1.88 443.92 381.65 0.21 RIVER-1 Reach-1 184.5 Max WS 407.04 126.00 129.28 129.39 0.000600 1.88 443.93 381.65 0.21 RIVER-1 Reach-1 183.8 Max WS 407.04 126.00 129.28 129.30 0.000600 1.88 443.93 381.65 0.21 RIVER-1 Reach-1 184.5 Max WS 407.00 126.00 129.28 129.28 129.31 0.000600 1.88 443.93 381.65 0.21 RIVER-1 Reach-1 184.5 Max WS 407.00 126.00 129.28 129.26 0.002751 1.50 434.53 375.16 0.21 RIVER-1 Reach-1 184.5 Max WS 407.00 126.00 129.28 129.26 0.002751 1.50 434.53 375.16 0.21 RIVER-1 Reach-1 184.5 Max WS 407.00 126.00 129.28 129.26 0.002751 1.50 434.53 375.16 0.21 RIVER-1 Reach-1 184.5 Max WS 404.64 13.12 126.00 129.18 129.26 0.002751 1.50 434.53 375.16 0.21 RIVER-1 Reach-1 184.5 Max WS 404.64 13.12 126.00 129.18 129.26 0.002751 1.50 434.53 375.16 0.21 RIVER-1 Reach-1 184.6 Max WS 407.00 129.18 129.10 1	RIVER-1	Reach-1	204.33	May MC	Culvert	120 22	124 66		12/ 01	0.000400	3 10	07.86	63 40	0.23
RIVER-1 Reach-1 191.71 Max ws 303.02 128.34 134.71 134.73 0.000070 1.05 289.64 70.95 0.09 RIVER-1 Reach-1 191.71 Max ws 302.93 127.30 134.68 134.69 0.00037 0.83 365.73 79.07 0.00 RIVER-1 Reach-1 191.56 Max ws 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 131.55	DTVED-1	Peach-1	202.43	Max WS	303.13	129.22	134.00		134.61	0.000403	1 27	239 52	65.06	0.12
RIVER-1 Reach-1 191.76 Max WS 407.15 127.27 134.68 134.69 0.000037 0.83 365.73 79.07 0.07 RIVER-1 Reach-1 191.56 Max WS 407.15 127.27 134.55 134.70 0.000278 3.11 131.12 78.28 0.20 RIVER-1 Reach-1 190.28 Max WS 407.09 127.04 129.48 130.51 0.008255 8.15 43.86 39.50 0.92 RIVER-1 Reach-1 189.65 Max WS 407.09 127.04 129.48 130.51 0.008255 8.15 43.86 39.50 0.92 RIVER-1 Reach-1 189.65 Max WS 407.09 126.00 129.88 120.44 0.002468 4.13 48.65 39.50 0.92 RIVER-1 Reach-1 188.65 Max WS 407.09 126.00 129.88 120.44 0.002468 4.13 39.50 120.41 12	RTVFR-1	Reach-1	197.50	Max WS	303.02	128.34	134.71		134.73	0.000070	1.05	289.64	70.95	0.09
RIVER-1 Reach-1 191.55	DTVED-1	Reach-1	191.71	Max WS	302.93	127.30	134.68		134.69	0.000037	0.83	365.73	79.07	0.07
RIVER-1 Reach-1 190.28 Max WS 337.47 127.04 129.48 130.51 0.002255 8.15 43.86 39.50 0.98 RIVER-1 Reach-1 189.65 Max WS 407.69 126.90 129.98 130.51 0.00648 4.13 98.5 44.44 4.44 0.49 RIVER-1 Reach-1 189.65 Max WS 407.04 126.00 129.94 129.10 0.00690 1.188 443.92 381.65 0.21 RIVER-1 Reach-1 183.* Max WS 407.04 126.00 129.10 129.19 0.002551 3.24 227.03 200.14 RIVER-1 Reach-1 183.* Max WS 413.63 126.00 129.10 129.19 0.002551 3.24 227.03 200.14 RIVER-1 Reach-1 181.* Max WS 413.63 126.00 129.10 129.10 0.002551 3.24 227.03 200.14 RIVER-1 Reach-1 181.* Max WS 414.83 126.00 128.81 128.87 0.00282 2.60 241.77 204.35 RIVER-1 Reach-1 180.* Max WS 414.83 126.00 128.81 128.87 0.00222 2.60 241.77 204.35 RIVER-1 Reach-1 179.* Max WS 416.13 126.00 128.81 128.87 0.00222 2.50 241.77 204.35 RIVER-1 Reach-1 179.* Max WS 461.03 125.00 128.81 128.87 0.00222 2.50 241.77 204.35 RIVER-1 Reach-1 179.* Max WS 461.03 125.00 128.81 128.87 0.00221 2.59 256.00 288.43 RIVER-1 Reach-1 177.* Max WS 461.03 125.00 128.80 RIVER-1 Reach-1 177.* Max WS 461.03 125.00 128.80 RIVER-1 Reach-1 176 Max WS 444.83 126.00 127.65 RIVER-1 Reach-1 176 Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.66 RIVER-1 Reach-1 177.* Max WS 475.03 123.00 127.65 RIVER-1 Reach-1 160.* Max WS 475.03 123.00 126.65 RIVER-1 Reach-1 160.* Max WS 475.03 123.0	RIVER-1	Reach-1	191.56	Max WS	407.15	127.27	134.55		134.70	0.000278	3.11	131.12	78.28	0.20
RIVER-1 Reach-1 189.65 Max WS 37.47 127.94 129.48 130.24 0.000228 8.13 43.80 33.94 0.36 RIVER-1 Reach-1 189.65 Max WS 407.09 136.90 129.24 129.88 139.31 0.00400 1.88 49.22 381.65 0.22 120 120 120 120 120 120 120 120 120 1	RIVER-1	Reach-1	191.55		Culvert					0.000355	0.15	42.00	20.50	
RIVER-1 Reach-1 189 05 MAX WS 407 04 126 00 129 14 159 15 10 000680 1.88 38 02 381 65 0.21 181 181 182 184 184 184 184 185 126 00 129 14 126 129 14 129 129 129 129 129 129 129 129 129 129	RIVER-1	Reach-1	190.28	Max WS	357.47	127.04	129.48		130.51	0.008255	8.15	43.86	39.50	0.92
RIVER-1 Reach-1 184	RIVER-I	Reach-1	184 5	Max WS	407.09	126.92	129.30		129 31	0.002400	1 88	443 92	381 65	0.73
RIVER-1 Reach-1 183.* Max WS 413.55 126.00 129.10 129.19 0.002551 3.24 227.03 200.14 0.34 0.34 RIVER-1 Reach-1 182 Max WS 413.55 126.00 129.01 129.05 0.001620 2.36 267.60 133.48 0.25 RIVER-1 Reach-1 180 Max WS 414.83 126.00 128.81 128.87 0.002282 2.60 241.77 204.35 0.29 RIVER-1 Reach-1 180 Max WS 416.13 126.00 128.57 128.63 0.002721 2.59 256.08 228.44 0.31 RIVER-1 Reach-1 179.* Max WS 416.13 126.00 128.57 128.63 0.002721 2.59 256.08 228.44 0.31 RIVER-1 Reach-1 178 Max WS 461.08 125.00 128.31 128.37 0.002618 2.75 294.97 353.93 0.31 RIVER-1 Reach-1 178 Max WS 462.38 124.00 128.17 128.19 0.000886 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 176 Max WS 466.68 124.00 128.00 128.00 128.00 128.04 0.001439 2.22 394.80 438.76 0.23 RIVER-1 Reach-1 176 Max WS 466.68 124.00 128.00 128.00 128.04 0.001439 2.22 394.80 438.76 0.23 RIVER-1 Reach-1 176 Max WS 471.05 123.50 127.39 127.49 0.00329 3.49 127.69 451.00 0.34 RIVER-1 Reach-1 176 Max WS 475.03 123.00 127.16 127.14 0.003269 3.29 1314.40 533.38 0.31 RIVER-1 Reach-1 177 Max WS 475.03 123.00 127.16 127.14 0.003269 3.29 1314.40 533.34 0.35 RIVER-1 Reach-1 171 Max WS 476.55 123.40 126.99 127.10 0.000522 1.29 1314.40 533.34 0.35 RIVER-1 Reach-1 171 Max WS 477.05 123.00 126.59 127.10 0.000522 1.29 1314.40 533.34 0.35 RIVER-1 Reach-1 171 Max WS 477.93 124.00 126.99 126.81 0.000522 1.29 1314.40 533.34 0.35 RIVER-1 Reach-1 171 Max WS 479.45 124.00 126.99 126.88 126.71 0.00241 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 Max WS 479.45 124.00 126.99 126.88 126.71 0.00241 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 Max WS 479.45 124.00 126.69 126.68 126.71 0.00241 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 Max WS 479.45 124.00 126.69 126.68 126.71 0.00241 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 Max WS 479.05 124.00 126.69 126.68 126.71 0.00241 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 Max WS 470.60 123.00 126.55 126.58 0.00075 2.47 405.37 580.50 0.27 RIVER-1 Reach-1 169 Max WS 480.60 123.00 126.55 126.68 0.000933 3.38 31.44 666.66 737.76 0.24 RIVER-1 Reach-1 161 Max WS 480.60 123.00	RIVER-1	Reach-1	184	Max WS	407.04	126.00	129.24		129.26	0.000745	1.96	434.53	375.16	0.21
RIVER-1 Reach-1 181.* Max WS 413.55 126.00 129.01 129.05 0.001620 2.36 267.60 193.48 0.25 RIVER-1 Reach-1 180.* Max WS 414.83 126.00 128.81 128.87 0.002282 2.60 241.77 204.35 0.29 RIVER-1 Reach-1 179.* Max WS 416.13 126.00 128.57 128.63 0.002721 2.59 256.08 288.44 0.31 RIVER-1 Reach-1 179.* Max WS 461.08 125.00 128.31 128.37 0.002618 2.75 294.97 353.93 0.18 RIVER-1 Reach-1 178.* Max WS 461.08 125.00 128.31 128.37 0.002618 2.75 294.97 353.93 0.18 RIVER-1 Reach-1 177.* Max WS 462.38 124.00 128.10 128.00 128.00 128.00 128.00 128.00 128.01 0.000386 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 177.* Max WS 464.40 124.00 128.00 128.00 128.00 0.00386 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 175.* Max WS 466.68 124.00 127.65 127.72 0.003221 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175.* Max WS 475.03 123.00 127.39 127.49 0.003929 3.49 276.98 451.00 0.34 RIVER-1 Reach-1 173.* Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.55 RIVER-1 Reach-1 171.* Max WS 476.35 124.00 126.99 127.00 0.000322 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 171.* Max WS 477.93 124.00 126.99 127.00 0.000322 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 127.00 0.000322 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.68 126.71 0.002421 2.57 425.28 756.84 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.68 126.71 0.002421 2.57 425.28 756.84 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.68 126.71 0.002421 2.57 425.28 756.84 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.65 126.53 126.46 0.001543 2.31 456.57 405.37 745.28 756.84 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.65 126.53 126.56 0.000053 1.19 50.00057 2.47 405.37 745.00 0.24 RIVER-1 Reach-1 169.* Max WS 480.01 123.30 126.66 120.00 126.59 126.93 0.000838 1.18 662.26 757.74 0.19 41.00 0.24 RIVER-1 Reach-1 169.* Max WS 480.60 123.00 126.69 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60 126.60	RIVER-1	Reach-1	183.*	Max WS	413.63	126.00	129.10		129.19	0.002551	3.24	227.03	200.14	0.34
RIVER-1 Reach-1 181.* Max WS 414.83 126.00 128.81 128.87 0.002282 2.60 241.77 204.35 0.29 RIVER-1 Reach-1 180 Max WS 416.13 126.00 128.57 128.63 0.007721 2.59 256.08 288.44 0.31 RIVER-1 Reach-1 179.* Max WS 461.08 125.00 128.17 128.97 0.002618 2.75 294.97 353.93 0.31 RIVER-1 Reach-1 178 Max WS 462.88 124.00 128.17 128.97 0.002618 2.75 294.97 353.93 0.31 RIVER-1 Reach-1 177.* Max WS 464.40 124.00 128.00 128.00 128.00 128.00 128.04 0.001439 2.22 394.80 438.76 0.23 RIVER-1 Reach-1 176 Max WS 466.68 124.00 127.65 127.72 0.003221 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175.* Max WS 475.63 123.50 127.39 127.49 0.003229 3.49 276.98 451.00 0.37 RIVER-1 Reach-1 175.* Max WS 475.63 123.50 127.39 127.49 0.003229 3.49 276.98 451.00 0.37 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 177.1 Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.25 RIVER-1 Reach-1 171.* Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.25 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.25 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169.* Max WS 480.60 123.00 126.55 126.55 126.55 0.002075 2.47 405.37 7580.50 0.27 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.00 126.09 126.35 126.55 126.55 0.002075 2.47 405.37 7580.50 0.27 RIVER-1 Reach-1 167.* Max WS 481.31 122.00 126.09 126.35 126.55 0.002075 2.47 405.37 7580.50 0.27 RIVER-1 Reach-1 166.4 Max WS 481.31 122.00 126.09 125.68 126.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 167.* Max WS 481.31 120.00 126.09 125.68 126.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 166.4 Max WS 489.97 120.00 125.68 126.69 0.00333 3.38 317.42 645.81 0.34 RIVE	RIVER-1	Reach-1	182	Max WS	413.55	126.00	129.01		129.05	0.001620	2.36	267.60	193.48	0.25
RIVER-1 Reach-1 179 * Max WS 416.13 126.00 128.57 128.63 0.002/21 2.99 256.08 288.44 0.31 RIVER-1 Reach-1 179 * Max WS 461.08 125.00 128.17 128.19 0.002618 2.75 294.97 353.93 0.31 RIVER-1 Reach-1 177 * Max WS 462.38 124.00 128.17 128.19 0.000886 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 176 Max WS 466.68 124.00 128.10 128.17 128.19 0.000886 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 176 Max WS 466.68 124.00 128.00 128.17 128.19 0.000886 1.70 462.89 432.23 0.18 RIVER-1 Reach-1 175 * Max WS 466.68 124.00 127.65 127.72 0.003221 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175 * Max WS 474.15 123.50 127.39 127.49 0.003221 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 174 Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173 * Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 172 Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 171 * Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 169 * Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169 * Max WS 480.60 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.68 126.73 0.000963 1.92 562.22 757.74 0.24 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.68 126.35	RTVFR-1	Reach-1	181.*	Max WS	414.83	126.00	128.81		128.87	0.002282	2.60	241.77	204.35	0.29
RTVER-1 Reach-1 178 Max WS 462.38 124.00 128.17 128.19 0.000886 1.70 462.89 432.23 0.18 RTVER-1 Reach-1 177.* Max WS 462.38 124.00 128.00 127.00 127.00 127.00 127.00 127.01 16 127.24 0.003221 3.16 298.65 437.21 0.34 RTVER-1 Reach-1 175.* Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 538.38 0.34 RTVER-1 Reach-1 173.* Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 538.38 0.34 RTVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.000752 1.19 707.16 743.05 0.13 RTVER-1 Reach-1 170 Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RTVER-1 Reach-1 171.* Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RTVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 126.81 0.001296 1.77 517.18 682.36 0.21 RTVER-1 Reach-1 169.* Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RTVER-1 Reach-1 166 Max WS 480.60 123.00 126.55 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RTVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.27 RTVER-1 Reach-1 166 Max WS 482.06 123.00 126.55 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RTVER-1 Reach-1 166 Max WS 482.06 123.00 126.55 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RTVER-1 Reach-1 166 Max WS 482.06 123.00 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RTVER-1 Reach-1 166 Max WS 486.88 120.00 125.81 125.00 126.09 125.58 125.50 0.0033 3.38 317.42 645.81 0.34 RTVER-1 Reach-1 166 Max WS 489.97 120.25 124.97 125.08 0.00333 3.38 317.42 645.81 0.34 RTVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.00333 3.38 317.42 645.81 0.34 RTVER-1 Reach-1 155.* Max WS 491.68 120.25 124.74 124.60 0.001021 1.88 514.05 687.00 0.	RIVER-1	Reach-1	180	Max WS	416.13	126.00	128.57		128.63	0.002721	2.59	256.08	288.44	0.31
RIVER-1 Reach-1 170 Max WS 464.40 124.00 128.00 127.65 127.72 0.003213 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175.* Max WS 466.68 124.00 127.65 127.72 0.003213 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175.* Max WS 474.15 123.50 127.39 127.49 0.003929 3.21 31.6 298.65 437.21 0.34 RIVER-1 Reach-1 174 Max WS 475.03 123.00 127.16 127.39 0.003929 3.21 31.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 172 Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 169.* Max WS 480.60 123.00 126.59 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 169.* Max WS 480.60 123.00 126.55 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001295 2.51 465.90 0.000542 1.79 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001295 2.51 465.90 0.000542 1.79 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001295 2.51 462.66 79.7.26 0.24 RIVER-1 Reach-1 165.* Max WS 481.31 122.50 126.43 126.49 0.001295 2.51 462.66 0.00124 127.00 0.000542 1.90 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 481.31 120.00 126.55 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 481.31 120.00 126.99 126.13 0.001295 2.51 462.66 0.00124 1.70 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 166.4 Max WS 486.80 120.00 125.81 125.80 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 166.4 Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 166.4 Max WS 489.97 120.25 124.97 125.00 124.68	RIVER-1	Reach-1	179.*	Max WS	461.08	123.00	120.31		120.37	0.002879	2./3 1.70	294.97 462.80	333.93	0.31
RIVER-1 Reach-1 176 Max WS 466.68 124.00 127.65 127.72 0.003221 3.16 298.65 437.21 0.34 RIVER-1 Reach-1 175.* Max WS 474.15 123.50 127.39 127.49 0.003929 3.49 276.98 451.00 0.37 RIVER-1 Reach-1 174 Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 172 Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 171.* Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 127.00 0.000522 1.19 707.16 682.36 0.21 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.99 126.93 0.000838 1.48 621.03 778.02 0.17 RIVER-1 Reach-1 160.* Max WS 479.45 124.00 126.79 126.81 0.001296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 168 Max WS 480.60 123.00 126.55 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 482.06 122.00 126.35 126.37 0.0006963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 166 Max WS 484.51 120 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 166 Max WS 486.88 120.00 125.81 125.83 0.00175 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 486.88 120.00 125.81 125.83 0.00175 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 161 Max WS 489.93 120.00 125.68 125.79 125.54 0.005907 4.91 234.64 687.06 0.44 RIVER-1 Reach-1 161 163.* Max WS 489.93 120.00 125.68 125.79 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161 163.* Max WS 489.93 120.00 125.68 125.79 125.54 0.005907 4.91 234.64 687.06 0.19 RIVER-1 Reach-1 151 Max WS 491.68 120.55 124.97 125.08 0.003033 3.38 314.64 687.06 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.55 124.97 125.08 0.003033 3.38 314.64 687.06 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.55 124.97 125.08 0.0	RIVER-I	Reach-1	170 177 *	Max WS	464 40	124.00	128.17		128.04	0.000880	2.22	394.80	438.76	0.23
RIVER-1 Reach-1 175.* Max WS 474.15 123.50 127.39 127.49 0.003929 3.49 276.98 451.00 0.37 RIVER-1 Reach-1 174 Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.03 123.00 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 172 Max WS 475.03 124.00 126.99 127.00 0.000522 1.19 707.16 73.05 0.13 RIVER-1 Reach-1 171.* Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 73.05 0.13 RIVER-1 Reach-1 170 Max WS 477.93 124.00 126.92 126.93 0.000838 1.48 621.03 778.02 0.17 RIVER-1 Reach-1 169.* Max WS 477.945 124.00 126.79 126.81 0.001296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.88 756.84 0.29 RIVER-1 Reach-1 168 Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.88 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 163.* Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 489.23 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.68 125.54 0.000933 1.38 317.42 645.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.68 125.74 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 159.* Max WS 489.26 120.50 124.83 124.86 0.00033 1.38 317.42 645.86 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.50 124.48 124.60 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.50 124.47 124.76 0.000932 1.7	RTVER-1	Reach-1	176	Max WS	466.68		127.65		127.72	0.003221	3.16	298.65	437.21	0.34
RIVER-1 Reach-1 174 Max WS 475.03 123.00 127.16 127.24 0.003269 3.21 314.40 558.38 0.34 RIVER-1 Reach-1 173.* Max WS 475.03 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 172 Max WS 476.35 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 171.* Max WS 477.93 124.00 126.99 127.00 0.000522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 477.93 124.00 126.99 126.81 0.000296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 169.* Max WS 479.45 124.00 126.79 126.81 0.001296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 169.* Max WS 480.60 123.00 126.55 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 167.* Max WS 480.60 123.00 126.55 126.58 0.002075 2.47 405.37 580.00 0.27 RIVER-1 Reach-1 166.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.03 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 163.* Max WS 484.51 121.00 126.09 125.81 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 163.* Max WS 489.93 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 163.* Max WS 489.93 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.93 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.93 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.93 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.94 120.05 124.49 125.09 125.54 0.000907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 159.* Max WS 490.66 120.00 124.65 124.68 0.000031 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 159.* Max WS 493.81 119.00 124.38 124.40 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.99 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 4	RIVER-1	Reach-1	175.*	Max WS	474.15	123.50	127.39		127.49	0.003929	3.49	276.98	451.00	0.37
RIVER-1 Reach-1 173.* Max WS 475.67 123.50 127.04 127.07 0.001799 2.29 434.00 631.54 0.25 RIVER-1 Reach-1 172 Max WS 476.35 124.00 126.99 127.00 0.00522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 477.93 124.00 126.99 127.00 0.00522 1.19 707.16 743.05 0.13 RIVER-1 Reach-1 170 Max WS 479.45 124.00 126.79 126.81 0.001296 1.77 517.18 682.36 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 168 Max WS 480.60 123.00 126.55 126.58 0.002075 2.47 405.37 580.50 0.27 RIVER-1 Reach-1 166 Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 165.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 163.* Max WS 485.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 160 Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 150 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 158 Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 158 Max WS 493.32 119.50 124.57 124.50 0.001845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.32 119.50 124.57 124.50 0.002845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.32 119.50 124.57 124.50 0.002845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 158 Max WS 493.32 119.50 124.57 124.50 0.002845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.32 119.50 124.57 124.50 0.002845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.32 119.50 124.57 124.50 0.002547 3.19 375.93 689.38	RTVFR-1	Reach-1	174	Max WS	475.03	123.00	127.16		127.24	0.003269	3.21	314.40	558.38	0.34
RIVER-1 Reach-1 1/2 Max WS 476.35 124.00 126.99 127.00 0.000522 1.1.9 707.16 743.05 0.15	RIVER-1	Reach-1	173.*	Max WS	475.67	123.50	127.04		127.07	0.001799	2.29	434.00	631.54	0.25
RIVER-1 Reach-1 171. Max WS 479.45 124.00 126.79 126.81 0.001296 1.48 0.21.03 776.84 0.21 RIVER-1 Reach-1 169.* Max WS 479.45 124.00 126.79 126.81 0.001296 1.48 0.21 RIVER-1 Reach-1 169.* Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 168 Max WS 480.60 123.00 126.55 126.58 0.002075 2.47 405.37 580.50 0.27 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166. Max WS 482.06 122.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.97 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 159.* Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.81 119.00 124.38 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155 Max WS 510.72 119.00 124.30 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 155 Max WS 510.72 119.00 124.39 123.90 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	1/2	Max WS	4/6.35	124.00	126.99		127.00	0.000522	1.19	/U/.10	743.03	0.13
RIVER-1 Reach-1 169.* Max WS 480.01 123.50 126.68 126.71 0.002421 2.57 425.28 756.84 0.29 RIVER-1 Reach-1 168 Max WS 480.60 123.00 126.55 126.58 0.02075 2.47 405.37 580.50 0.27 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 482.06 122.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.35 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 163.* Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 160 Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.65 0.001834 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.10 124.10 0.002547 3.19 375.93 689.38 0.37 RIVER-1 Reach-1 154 Max WS 493.81 119.00 124.10 124.10 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	1/1."	Max WS	477.93	124.00	120.92		126.93	0.000636	1.40	517 18	682 36	0.17
RIVER-1 Reach-1 168 Max WS 480.60 123.00 126.55 126.58 0.002075 2.47 405.37 580.50 0.27 RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 482.06 122.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 163.* Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 487.70 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.29 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 160 Max WS 489.7 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.81 119.00 124.38 124.66 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.001055 7.00 558.89 714.93 0.19 RIVER-1 Reach-1 156 Max WS 494.65 119.00 124.39 123.94 0.001075 2.04 558.89 714.93 0.19	DTVER-1	Reach-1	169 *	Max WS	480.01	123.50	126.68		126.71	0.002421	2.57	425.28	756.84	0.29
RIVER-1 Reach-1 167.* Max WS 481.31 122.50 126.43 126.46 0.001543 2.31 454.52 639.60 0.24 RIVER-1 Reach-1 166 Max WS 482.06 122.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 457.70 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 161.* Max WS 489.23 120.00 125.29 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.65 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 494.65 119.00 124.39 123.94 0.001075 2.04 558.89 714.93 0.19		Reach-1	168	Max WS	480.60	123.00	126.55		126.58	0.002075	2.47	405.37	580.50	0.27
RIVER-1 Reach-1 166 Max WS 482.06 122.00 126.35 126.37 0.000963 1.92 562.22 757.74 0.19 RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 2.51 462.66 737.26 0.24 12.4 12.4 12.4 12.4 12.4 12.4 12.4 1	RIVER-1	Reach-1	167.*	Max WS	481.31	122.50	126.43		126.46	0.001543	2.31	454.52	639.60	0.24
RIVER-1 Reach-1 165.* Max WS 484.51 121.00 126.09 126.13 0.001695 2.51 462.66 /37.26 0.24 RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.31 0.20 RIVER-1 Reach-1 163.* Max WS 457.70 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.29 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 158 Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RTVER-1	Reach-1	166	Max WS	482.06	122.00	126.35		126.37	0.000963	1.92	562.22	757.74	0.19
RIVER-1 Reach-1 164 Max WS 486.88 120.00 125.81 125.83 0.001275 1.99 515.76 690.51 0.20 RIVER-1 Reach-1 163.* Max WS 457.70 120.00 125.68 125.72 0.001699 2.57 450.67 786.30 0.24 RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.29 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.82 119.50 124.57 124.65 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.66 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.38 124.57 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 494.65 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	165.*	Max WS	484.51	121.00	126.09		126.13	0.001695	2.51	462.66	/3/.26	0.24
RIVER-1 Reach-1 162 Max WS 489.23 120.00 125.29 125.54 0.005907 4.91 234.64 687.06 0.45 RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.00932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.81 129.50 124.65 124.68 0.001021 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.65 124.68 0.0010813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.38 124.54 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 494.65 119.00 124.39 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	164	Max WS	486.88	120.00	125.81		125.83	0.001275	1.99	515./b	786 30	0.20
RIVER-1 Reach-1 161.* Max WS 489.97 120.25 124.97 125.08 0.003033 3.38 317.42 645.81 0.34 RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 158 Max WS 492.66 120.00 124.65 124.68 0.00813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.62 0.001220 2.12 466.55 754.02 0.22 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.30 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	103.* 162	Wax WS	43/./U 480 23	120.00	125.08		125.72	0.001099	4.91	234.64	687.06	0.45
RIVER-1 Reach-1 160 Max WS 490.76 120.50 124.83 124.86 0.001021 1.88 514.05 682.60 0.19 RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 158 Max WS 492.66 120.00 124.65 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.62 0.001220 2.12 466.55 754.02 0.22 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	161.*	Max WS	489.97	120.25	124.97		125.08	0.003033	3.38	317.42	645.81	0.34
RIVER-1 Reach-1 159.* Max WS 491.68 120.25 124.74 124.76 0.000932 1.76 519.36 707.44 0.19 RIVER-1 Reach-1 158 Max WS 492.66 120.00 124.65 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.62 0.001220 2.12 466.55 754.02 0.22 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	160	Max WS	490.76	120.50	124.83		124.86	0.001021	1.88	514.05	682.60	0.19
RIVER-1 Reach-1 158 Max WS 492.66 120.00 124.65 124.68 0.000813 1.60 547.88 748.08 0.17 RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.62 0.001220 2.12 466.55 754.02 0.22 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	159.*	Max WS	491.68	120.25	124.74		124.76	0.000932	1.76	519.36	707.44	0.19
RIVER-1 Reach-1 157.* Max WS 493.32 119.50 124.57 124.62 0.001220 2.12 466.55 754.02 0.22 RIVER-1 Reach-1 156 Max WS 493.81 119.00 124.38 124.54 0.003845 3.92 293.48 724.85 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-I	158	Max WS	492.66	120.00	124.65		124.68	0.000813	1.60	547.88	748.08	0.17
RIVER-1 Reach-1 156 Max WS 495.81 119.00 124.38 124.34 0.003645 3.92 293.48 /24.65 0.37 RIVER-1 Reach-1 155.* Max WS 494.65 119.00 124.10 124.17 0.002547 3.19 375.93 689.38 0.30 RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19		Reach-1	157.*	Max WS	493.32	119.50	124.57		124.62	0.001220	2.12	466.55	/54.UZ	0.22
RIVER-1 Reach-1 154 Max WS 510.72 119.00 123.92 123.94 0.001075 2.04 558.89 714.93 0.19	RIVER-1	Reach-1	156	Max WS	493.81 494.65	119.00	124.38 124.10		124.54 124 17	0.003843	3.92	293.46 375.93	/ 44.03	0.37
		Reach-1	154	Max WS	510.72	119.00	123.92		123.94	0.001075	2.04	558.89	714.93	0.19

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RIVEN-1 Reach-1 133 * Max MS C 153-27 (111-00 123-35							KiteCreek.r	тер					
REVER-1. Reach-1 144. Max WS 1552.19 117.92 112.33 122.36 0.0003093 2.01 469.28 1036.91 0.76 REVER-1. Reach-1 144. Max WS 1562.67 117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 144. Max WS 1562.67 117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 1562.67 117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.74 0.117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.74 0.117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.74 0.117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.74 0.117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.74 0.117.00 112.17 121.10 0.001018 1.05 699.49 1931.00 0.10 REVER-1. Reach-1 141. Max WS 157.75 0.118.00 112.15 69 112.15	RIVER-1		153.*		524.08	119.00	123.83	123.86	0.001143	2.14	580.43	859.53	0.21
REVER-1. Reach-1 144 Max WS 353.39 117.92 112.33 1.236 0.000393 2.03 469.28 1098.91 0.26 REVER-1. Reach-1 144 Max WS 356.67 117.92 112.10 122.12 122.16 0.000393 1.05 499.28 1098.91 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	RIVER-1	Reach-1	152		524.82	119.00	123.75	123.//	0.000995	1.93	61/.5/ 560 13	905.69	0.19
REVER-1. Reach-1 144 Max WS 353.39 117.92 112.33 1.236 0.000393 2.03 469.28 1098.91 0.26 REVER-1. Reach-1 144 Max WS 356.67 117.92 112.10 122.12 122.16 0.000393 1.05 499.28 1098.91 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	RIVER-1	Reach-1	151."	Max WS	538.57 538.51	119.00	123.01	123.04	0.001374	2.03	419 87	904.00 841 16	0.22
REVER-1. Reach-1 144 Max WS 353.39 117.92 112.33 1.236 0.000393 2.03 469.28 1098.91 0.26 REVER-1. Reach-1 144 Max WS 356.67 117.92 112.10 122.12 122.16 0.000393 1.05 499.28 1098.91 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	RTVFR-1	Reach-1	149.*	Max WS	543.48	118.50	123.07	123.13	0.002463	2.70	433.58	782.42	0.29
REVER-1. Reach-1 144 Max WS 353.39 117.92 112.33 1.236 0.000393 2.03 469.28 1098.91 0.26 REVER-1. Reach-1 144 Max WS 356.67 117.92 112.10 122.12 122.16 0.000393 1.05 499.28 1098.91 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	RTVFR-1	Reach-1	148	Max WS	548.42	118.00	122.88	122.92	0.001586	2.43	499.10	743.83	0.24
REVER-1. Reach-1 144 Max WS 353.39 117.92 112.33 1.236 0.000393 2.03 469.28 1098.91 0.26 REVER-1. Reach-1 144 Max WS 356.67 117.92 112.10 122.12 122.16 0.000393 1.05 499.28 1098.91 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	RIVER-1	Reach-1	147.*	Max WS	552.14	117.92	122.73	122.77	0.002100	2 49	504.67	963.78	0.27
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RIVER-1	Reach-1	146	Max WS	555.79	117.83	122.53	122.58	0.003333	2.69	464.48	1042.87	0.33
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RIVER-1	Reach-1	145.*	Max WS	559.39	117.92	122.31 122.12	122.36	0.002092	2.01	469.28 420.61	1036.91	0.26
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RIVER-I	Reach-1	144	Max WS	562.75 566.61	117.00	122.12	122.10	0.003038	1.65	594 37	900.39	0.30
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RTVER-1	Reach-1	142	Max WS	570.67	117.00	121.87	121.90	0.001043	2.06	669.49	934.00	0.19
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RIVER-1	Reach-1	141.*	Max WS	574.40	117.00	121.74	121.78	0.001663	2.58	578.10	974.09	0.24
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	KTAFK-T	Reach-1	140		577.93	117.00	121.55	121.61	0.002477	3.07	514.09	1051.79	0.29
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	139.*	Max WS	580.44	117.50	121.43	121.46	0.001615	2.33	589.02	976.05	0.24
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	KTAFK-T	Reach-1	138 137 *	ZW XSM	583.09 586.24	118.00	121.30	121.37	0.000802	1.50	747.03 679.93	904.13	0.17
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 110.** Max WS 680.96 115.00 119.50 119.57 0.001292 2.10 541.65 0.0129 0.001292 1.00 541.60 0.21 0.001292 1.00 541.60 0.21 0.001292 1.00 0.001292 1.00 0.001292 1.00 541.60 0.21 0.001292 1.001292 1.001	RTVER-1	Reach-1	136	Max WS	589.33	118.00	121.17	121.20	0.001788	1.99	567.62	1041.80	0.25
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	135.*	Max WS	592.25	117.50	121.06	121.08	0.001195	1.54	612.36	837.78	0.20
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	134	Max WS	595.45	117.00	120.98	120.99	0.000791	1.19	700.91	767.07	0.16
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 632.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.57 0.001492 1.001492 1.00149	RIVER-1	Reach-1	133.*	Max WS	599.28	117.00	120.88	120.90	0.001060	1.36	600.26	739.57	0.19
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	KTAFK-T	Reach-1	132	Max WS	603.12	117.00	120.78	120.80	0.000934	1.26	585.98	615.27 815 01	0.17
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-I	Reach-1	131.* 130	Max WS	605.14 607.14	117.00	120.69	120.71	0.001282	1.39	501.24 619 10	813.91 807 72	0.20 0.19
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 632.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.57 0.001492 1.001492 1.00149	RIVER-1	Reach-1	129 *	Max WS	608.19	117.00	120.50	120.52	0.001133	1.51	544.29	826.56	0.23
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	128	May WS	609.20	117.00	120.25	120.33	0.005585	2.40	336.04	841.09	0.40
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	127.*	Max WS	609.15	116.71	120.02	120.08	0.002883	2.21	424.26	690.32	0.30
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 541.85 0.001292 1.00 119.57 0.001292 1.001292	RIVER-1	Reach-1	126	Max WS	609.13	116.42	119.96	119.98	0.001354	1.96	610.94	747.58	0.21
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 632.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.57 0.001492 1.001492 1.00149	RIVER-1	Reach-1	125.*	Max WS	609.11	116.21	119.94	119.96	0.0012/3	1./3	034.04 715.50	809.11	0.21
RIVER-1 Reach-1 122 Max WS 608.86 116.35 119.80 119.81 0.001094 1.60 708.84 967.66 0.19 RIVER-1 Reach-1 121.** Max WS 681.05 115.68 119.64 119.67 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.11 541.85 633.45 0.25 RIVER-1 Reach-1 119.** Max WS 680.96 115.00 119.57 119.57 0.001292 2.17 632.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 119.87 0.001492 2.00 119.57 634.60 0.21 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.87 119.87 0.001492 1.00 119.57 0.001492 1.001492 1.00149	RIVER-1	Reach-1	124 123 *	May MC	609.10	116.00	119.92	119.93	0.000917	1.58	676.85	866.77	0.17
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	122	Max WS	608.86	116.35		119.81	0.001094	1.60	708.84	967.66	0.19
RIVER-1 Reach-2 111.95		Reach-1	121.*	Max WS	681.05	115.68	119.64	119.67	0.001929	2.11	541.85	633.45	0.26
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	120	Max WS	680.96	115.00	119.50	119.52	0.001142	2.04	619.55	624.69	0.21
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	119.*	Max WS	680.65	114.50	119.37	119.43	0.001/25	2.//	529.97	591.90	0.28
RIVER-1 Reach-2 111.95	RIVER 1	Reach-1	118 117 *	Max WS	565 50	114.00	119.05	119.27	0.004444	2 24	323.40	382 04	0.30
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	116	Max WS	560.31	115.00	118.89	118.93	0.001133	1.90	404.60	396.71	0.26
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	115.*	Max WS	555.01	114.50	118.82	118.85	0.000976	1.48	456.02	449.08	0.22
RIVER-1 Reach-2 111.95	RIVER-1	Reach-1	114	Max WS	547.12	114.00	118.76	118.78	0.000605	1.11	552.73	507.80	0.17
RIVER-1 Reach-2 111.95	RIVER-1	Reach-2	112.05	Max WS	1311.61	112.00	118.76	118.87	0.001565	2.73	660.74	575.44	0.30
RIVER-1 Reach-2 106 Max WS 1229.24 111.00 118.12 118.17 0.000635 2.42 1155.30 757.39 0.20 RIVER-1 Reach-2 105.* Max WS 1229.40 110.50 118.08 118.12 0.000785 2.46 1123.31 768.69 0.22 RIVER-1 Reach-2 104 Max WS 1228.55 110.00 118.03 118.08 0.000761 2.82 1121.53 776.72 0.21 RIVER-1 Reach-2 103.* Max WS 1228.03 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 102 Max WS 1040.82 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 101.* Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 100 Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000438 2.15 1451.20 820.31 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000425 2.14 1451.52 819.51 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000425 2.14 1454.60 822.20 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1293.46 109.00 117.72 117.74 0.000398 2.12 1441.55 781.56 0.16 RIVER-1 Reach-2 94 Max WS 1293.46 109.00 117.63 117.67 0.000407 2.16 1414.96 786.99 0.17 RIVER-1 Reach-2 99 Max WS 1293.46 109.00 117.55 117.63 0.000416 2.21 1387.56 790.81 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.19 1338.72 711.27 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 99.1 Max WS 1295.12 108.50 117.52 117.56 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1295.12 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1299.16 109.00 117.43 117.44 0.000150 1.61 1294.57 1230.99 0.10 11 RIVER-1 Reach-2 88. Max WS 1299.16 109.00 117.43 1	RIVER-1	Reach-2	112	max ws	1311.29	112.00	118.76	118.80	0.001286	2.74	033.60		0.30
RIVER-1 Reach-2 106 Max WS 1229.24 111.00 118.12 118.17 0.000635 2.42 1155.30 757.39 0.20 RIVER-1 Reach-2 105.* Max WS 1229.40 110.50 118.08 118.12 0.000785 2.46 1123.31 768.69 0.22 RIVER-1 Reach-2 104 Max WS 1228.55 110.00 118.03 118.08 0.000761 2.82 1121.53 776.72 0.21 RIVER-1 Reach-2 103.* Max WS 1228.03 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 102 Max WS 1040.82 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 101.* Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 100 Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000438 2.15 1451.20 820.31 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000425 2.14 1451.52 819.51 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000425 2.14 1454.60 822.20 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1293.46 109.00 117.72 117.74 0.000398 2.12 1441.55 781.56 0.16 RIVER-1 Reach-2 94 Max WS 1293.46 109.00 117.63 117.67 0.000407 2.16 1414.96 786.99 0.17 RIVER-1 Reach-2 99 Max WS 1293.46 109.00 117.55 117.63 0.000416 2.21 1387.56 790.81 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.19 1338.72 711.27 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 99.1 Max WS 1295.12 108.50 117.52 117.56 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1295.12 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1299.16 109.00 117.43 117.44 0.000150 1.61 1294.57 1230.99 0.10 11 RIVER-1 Reach-2 88. Max WS 1299.16 109.00 117.43 1	RIVER-I	Reach-2	111.93	May WS	1307 36	113.00	118 65	118.74	0.001850	2.57	651.59	560.62	0.32
RIVER-1 Reach-2 106 Max WS 1229.24 111.00 118.12 118.17 0.000635 2.42 1155.30 757.39 0.20 RIVER-1 Reach-2 105.* Max WS 1229.40 110.50 118.08 118.12 0.000785 2.46 1123.31 768.69 0.22 RIVER-1 Reach-2 104 Max WS 1228.55 110.00 118.03 118.08 0.000761 2.82 1121.53 776.72 0.21 RIVER-1 Reach-2 103.* Max WS 1228.03 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 102 Max WS 1040.82 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 101.* Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 100 Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000438 2.15 1451.20 820.31 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000425 2.14 1451.52 819.51 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000425 2.14 1454.60 822.20 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1293.46 109.00 117.72 117.74 0.000398 2.12 1441.55 781.56 0.16 RIVER-1 Reach-2 94 Max WS 1293.46 109.00 117.63 117.67 0.000407 2.16 1414.96 786.99 0.17 RIVER-1 Reach-2 99 Max WS 1293.46 109.00 117.55 117.63 0.000416 2.21 1387.56 790.81 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.19 1338.72 711.27 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 99.1 Max WS 1295.12 108.50 117.52 117.56 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1295.12 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1299.16 109.00 117.43 117.44 0.000150 1.61 1294.57 1230.99 0.10 11 RIVER-1 Reach-2 88. Max WS 1299.16 109.00 117.43 1	RIVER-1	Reach-2	110		1261.19	114.00	118.58	118.63	0.001395	2.05	844.74	675.72	0.27
RIVER-1 Reach-2 106 Max WS 1229.24 111.00 118.12 118.17 0.000635 2.42 1155.30 757.39 0.20 RIVER-1 Reach-2 105.* Max WS 1229.40 110.50 118.08 118.12 0.000785 2.46 1123.31 768.69 0.22 RIVER-1 Reach-2 104 Max WS 1228.55 110.00 118.03 118.08 0.000761 2.82 1121.53 776.72 0.21 RIVER-1 Reach-2 103.* Max WS 1228.03 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 102 Max WS 1040.82 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 101.* Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 100 Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000438 2.15 1451.20 820.31 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000425 2.14 1451.52 819.51 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000425 2.14 1454.60 822.20 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1293.46 109.00 117.72 117.74 0.000398 2.12 1441.55 781.56 0.16 RIVER-1 Reach-2 94 Max WS 1293.46 109.00 117.63 117.67 0.000407 2.16 1414.96 786.99 0.17 RIVER-1 Reach-2 99 Max WS 1293.46 109.00 117.55 117.63 0.000416 2.21 1387.56 790.81 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.19 1338.72 711.27 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 99.1 Max WS 1295.12 108.50 117.52 117.56 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1295.12 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1299.16 109.00 117.43 117.44 0.000150 1.61 1294.57 1230.99 0.10 11 RIVER-1 Reach-2 88. Max WS 1299.16 109.00 117.43 1	KTAFK-T	Reach-2	109.*	Max WS	1236.74	113.50	118.38	118.46	0.002374	2.73	723.31	603.17	0.35
RIVER-1 Reach-2 106 Max WS 1229.24 111.00 118.12 118.17 0.000635 2.42 1155.30 757.39 0.20 RIVER-1 Reach-2 105.* Max WS 1229.40 110.50 118.08 118.12 0.000785 2.46 1123.31 768.69 0.22 RIVER-1 Reach-2 104 Max WS 1228.55 110.00 118.03 118.08 0.000761 2.82 1121.53 776.72 0.21 RIVER-1 Reach-2 103.* Max WS 1228.03 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 102 Max WS 1040.82 110.00 118.02 118.05 0.000781 2.18 1207.70 872.64 0.21 RIVER-1 Reach-2 101.* Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 100 Max WS 1291.45 110.50 117.99 118.01 0.000425 2.15 1461.30 831.76 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000438 2.15 1451.20 820.31 0.17 RIVER-1 Reach-2 99.* Max WS 1291.04 111.00 117.88 117.98 0.000425 2.14 1451.52 819.51 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000425 2.14 1454.60 822.20 0.17 RIVER-1 Reach-2 97.* Max WS 1291.99 110.50 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 96 Max WS 1292.30 110.00 117.76 117.79 0.000404 2.13 1448.58 802.09 0.17 RIVER-1 Reach-2 95.* Max WS 1293.46 109.00 117.72 117.74 0.000398 2.12 1441.55 781.56 0.16 RIVER-1 Reach-2 94 Max WS 1293.46 109.00 117.63 117.67 0.000407 2.16 1414.96 786.99 0.17 RIVER-1 Reach-2 99 Max WS 1293.46 109.00 117.55 117.63 0.000416 2.21 1387.56 790.81 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.19 1338.72 711.27 0.17 RIVER-1 Reach-2 99 Max WS 1293.72 109.00 117.55 117.59 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 99.1 Max WS 1295.12 108.50 117.52 117.56 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1295.12 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 89.* Max WS 1299.16 109.00 117.43 117.44 0.000150 1.61 1294.57 1230.99 0.10 11 RIVER-1 Reach-2 88. Max WS 1299.16 109.00 117.43 1	RIVER-1	Reach-2	108	Max WS	1231.47	113.00	118.20	118.29	0.001471	3.25	793.93	594.09	0.30
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RTVFR-1	Reach-2	107.*	Max WS	1230.38	112.00	118.15	118.21	0.001006	2.65	962.52	685./9 757.20	0.25
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	106 *	Max WS	1229.24	111.00	118 12 118 08	110.17 118 12	0.000633	2.42	1123.30	768.69	0.20
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	104	Max WS	1228.55	110.00	118.03	118.08	0.000761	2.82	1121.53	776.72	0.21
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	103.*	Max WS	1228.03	110.00	118.02	118.05	0.000781	2.18	1207.70	872.64	0.21
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RTVFR-I	Reach-2	102	Max WS	1040.82	110.00	118.02	118.04	0.000267	1.73	1473.94	847.48	0.13
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	101.*	MAY WS	1291.45	110.50	117.99	118.01	0.000425	2.15	1461.30	831.76	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	100	Max WS	1291.52	111.00	117.96 117.98	117.98	0.000438	2.13	1451.20	820.31 819 51	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-I	Reach-2	99."	Max WS	1291.04	111.00	117.80	117.83	0.000413	2.14	1454.60	822.20	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	97.*	Max WS	1291.99	110.50	117.76	117.79	0.000404	2.13	1448.58	802.09	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	96	May WS	1292.30	110.00	117.72	117.74	0.000398	2,12	1441.55	781.56	
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	95.*	Max WS	1292.47	109.50	117.68	117.71	0.000407	2.16	1414.96 1387.56	/86.99 700 81	0.1/ 0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	KTAFK-T	Reach-2	94 02 *	Max WS	1293.46 1202.72	109.00	117.03 117.50	117.0/ 117.63	0.000410	2.21 2.19	1338.72	711.27	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	KIVEK-I	Reach-2	93."	Max WS	1293.72	109.00	117.55	117.59	0.000389	2.26	1238.10	602.79	0.17
RIVER-1 Reach-2 90 Max WS 1296.24 108.00 117.49 117.52 0.000312 2.01 1529.87 1190.37 0.15 RIVER-1 Reach-2 89.* Max WS 1297.92 108.50 117.46 117.49 0.000304 2.04 1472.63 1157.08 0.15 RIVER-1 Reach-2 88 Max WS 1299.16 109.00 117.43 117.46 0.000292 2.04 1451.48 921.98 0.14 RIVER-1 Reach-2 87.* Max WS 1300.42 108.00 117.42 117.44 0.000150 1.61 1944.57 1230.91 0.11	RIVER-1	Reach-2	91.*	Max WS	1295.12	108.50	117.52	117.56	0.000364	2.17	1273.82	657.89	0.16
	RIVER-1	Reach-2	90	Max WS	1296.24	108.00	117 49	117.52	0.000312	2.01	1529.87	1190.37	0.15
	RIVER-1	Reach-2	89.*	Max WS	1297.92	108.50	117.46	117.49	0.000304	2.04	1472.63	1157.08	0.15
	RIVER-1	Reach-2	88 97 *	Max WS	1299.16	109.00	117.43 117.42	117.46 117.44	0.000292	2.04 1.61	1944 57	1230.91	0.14
		Reach-2	86."		1301.66	107.00	117.41	117.43	0.000075	1.23	2548.62	1324.88	0.08

RIVER-1 Reach-2 85.* Max WS 1302.87 107.50 117.41 117.42 0.000078 1.14 2723.57 1369.96 0.00 0.00 0.00 0.00 0.00 0.00 0.00							KiteC	reek.rep						
EVER-1 Reach-2	RIVER-1	Reach-2	85.*		1302.27	107.50	117.41		117.42	0.000078	1.14	2729.57	1369.96	0.08
EVER-1 Reach-2	RIVER-1	Reach-2	84		1302.88	108.00	117.41		117.42	0.000072	0.98	3016.73	1418.90	0.07
EVER-1 Reach-2	RIVER-1	Reach-2	83.*	Max WS	1320.22	108.50	117.40		117.41	0.000105	1.18	2593.57	1327.00	0.09
EVER-1 Reach-2	RIVER-I	Reach-2	82 81 EG	Max WS	1320.13	109.00	117.39	112 24	117.40	0.000042	1.55	2290.38 727.00	1257.30	0.10
EVER-1 Reach-2	DIVED-1	Reach-2	81 55	Max WS	Bridge	100.22	117.30	113.24	117.41	0.000943	2.73	727.90	1331.74	0.21
EVER-1 Reach-2	RTVFR-1	Reach-2	81.30	Max WS	1319.96	108.96	116.03		116.49	0.006670	5.42	243.68	70.93	0.52
EVER-1 Reach-2	RIVER-1	Reach-2	80.95	Max WS	1319.96	108.83	116.07	113.05	116.34	0.001587	4.15	318.37	64.59	0.33
RIVER-1	RIVER-1	Reach-2	80.94		Bridge									
RIVER-1 Reach-2 79.3849° Max NS 1319.87 108.33 115.91 116.10 0.001323 3.88 654.57 611.77 0.001321 116.10 0.001324 116.10 0.001	RIVER-1	Reach-2	80.38	Max WS	1319.86	108.67	116.00		116.28	0.001748	4.25	310.29	66.07	0.35
RIVER-1 Reach-2 75.92 Max WE 1319.77 108.00 115.84 115.92 0.000643 2.88 831.50 377.28 0.212 RIVER-1 Reach-2 76.19 Max WE 1319.72 107.60 115.87 107.00 115.87	RIVER-1	Reach-2	79.3849*	Max WS	1319.82	108.33	115.91		116.10	0.001325	3.88	654.57	611.27	0.30
RIVER-1 Reach-2 / 76.899	RIVER-1	Reach-2	78.39	Max WS	1319.77	108.00	115.84		115.92	0.000641	2.98	831.50	327.24	0.21
ETVER-1 Reach-2 75.103 Wax WS 1319.69 107.40 115.77 115.84 0.000603 2.83 117.101.86 692.18 0.21 ETVER-1 Reach-2 77.85 Wax WS 1319.40 107.40 115.77 115.81 0.0002131 4.08 514.05 549.18 0.30 ETVER-1 Reach-2 77.85 Wax WS 1319.40 107.20 115.57 115.59 115.79 0.001342 3.79 510.25 401.83 0.30 ETVER-1 Reach-2 77.85 Wax WS 1319.65 106.63 115.59 115.60 0.000497 2.12 1179.50 828.83 0.30 ETVER-1 Reach-2 74.7° Wax WS 1319.65 106.63 115.60 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 74.7° Wax WS 1319.65 107.60 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1319.65 107.60 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1319.65 107.60 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1574.77 107.44 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1574.77 107.44 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1574.77 107.44 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1574.77 107.44 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 77.85 Wax WS 1574.77 107.44 115.60 0.000247 1.13 1972.60 1253.22 0.12 ETVER-1 Reach-2 68 Wax WS 1574.72 107.60 115.60 0.000349 3.07 722.79 440.79 40.79 ETVER-1 Reach-2 68 Wax WS 1574.72 107.60 115.60 0.000349 3.07 722.79 440.79 40.79 ETVER-1 Reach-2 66 Wax WS 1574.72 107.40 114.60 0.000349 3.07 722.79 440.79 40.79 ETVER-1 Reach-2 66 Wax WS 1574.22 107.70 114.43 0.000349 3.06 477.33 133.33 0.33 ETVER-1 Reach-2 66 Wax WS 1574.72 107.40 114.60 0.000349 3.06 477.33 133.33 0.33 ETVER-1 Reach-2 67 Wax WS 1	RIVER-1	Reach-2	//.6566*	Max WS	1319.75	107.80	115.84		115.8/	0.000279	1.96	1411.44	556.58	0.14
ETVER-1 Reach-2 75.85 Max Ws 1319.24 107.22 115.58 112.31 115.81 0.002231 4.08 154.05 459.18 0.350 ETVER-1 Reach-2 75.85 Max Ws 1319.56 106.82 115.62 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 2.12 1197.50 10.83 0.0028 115.67 0.00447 115.60 0.0038 115.67 0.00447 115.60 0.0038 115.67 0.00447 115.60 0.0038 115.67 0.00447 115.60 0.0038 115.60 0.003	KIVER-I	Reach 2	76.9233°		1319.72	107.00	115.82		115.63	0.000320	7.TT	1170 16	/83.94 022.10	0.13
EIVER-1 Reach-2 75.83 Max MS 1319.66 106.63 115.99 1115.79 0.001447 3.79 110.25 401.83 0.30 EIVER-1 Reach-2 774.77 Max MS 1319.66 106.63 115.62 115.63 0.000042 2.13 1179.69 128.22 0.18 EIVER-1 Reach-2 77.8 Max MS 1319.65 107.66 115.60 115.60 0.000042 2.13 1179.69 128.22 0.18 EIVER-1 Reach-2 77.8 Max MS 1319.44 107.43 115.60 115.60 0.000042 2.13 1179.69 128.22 0.18 EIVER-1 Reach-2 77.8 Max MS 1319.45 107.66 115.59 115.60 0.000067 1.23 2290.10 1314.81 0.01 EIVER-1 Reach-2 77.8 Max MS 1319.45 107.66 115.59 115.60 0.000067 1.23 2290.10 1314.81 0.01 EIVER-1 Reach-2 77.8 Max MS 1319.45 107.66 115.59 115.60 0.000067 1.39 294.66 1377.83 0.09 EIVER-1 Reach-2 60.8 Max MS 1374.23 107.65 115.23 115.60 0.000049 2.55 155.15 102.43 EIVER-1 Reach-2 60.8 Max MS 1374.25 107.60 115.37 115.49 0.000049 2.55 1555.15 102.43 0.02 EIVER-1 Reach-2 66 Max MS 1374.25 107.60 115.23 115.23 115.89 0.000049 2.55 1555.15 102.43 0.02 EIVER-1 Reach-2 66 Max MS 1374.25 107.60 115.23 115.23 115.89 0.000049 2.55 1555.15 102.43 0.02 EIVER-1 Reach-2 66 Max MS 1374.25 107.40 114.61 114.65 0.000133 1.47 43.4 451.60 1.00 EIVER-1 Reach-2 66 Max MS 1374.25 107.40 114.61 114.63 0.000133 1.47 43.4 430.70 133.33 0.33 EIVER-1 Reach-2 66 Max MS 1374.25 107.40 114.61 114.63 0.000193 1.47 430.70 133.33 0.33 EIVER-1 Reach-2 65.* Max MS 1376.41 106.81 114.13 114.13 0.00193 1.47 430.70 133.33 0.33 EIVER-1 Reach-2 65.* Max MS 1376.64 106.60 111.40 0.00003 1.47 430.70 133.33 0.03 EIVER-1 Reach-2 65.* Max MS 1376.64 106.60 111.40 0.000000 2.60 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000	RIVER-1	Peach-2	70.19 75.86	Max WS	1319.09	107.40	115.77	112 31	115 81	0.000003	4.03	514.05	922.10 430 18	0.21
EVER-1 Reach-2 75.40 Max WS 1319.65 106.63 115.99 115.79 0.001342 3.79 510.25 401.83 0.30 EVER-1 Reach-2 71.7* Max WS 1319.67 10.62 115.62 115.67 0.000473 2.12 1179.50 628.83 0.185 115.79 115.79 0.001342 3.79 510.25 401.83 0.30 EVER-1 Reach-2 71.7* Max WS 1319.67 107.48 115.60 115.61 0.000067 1.23 1795.00 1254.61 0.11 EVER-1 Reach-2 71.7* Max WS 1319.25 107.48 115.60 0.00067 1.23 1795.00 1254.61 0.11 EVER-1 Reach-2 71.7* Max WS 1319.26 107.48 115.47 115.60 0.00067 1.23 1795.00 1254.61 0.11 EVER-1 Reach-2 71.7* Max WS 1574.77 107.48 115.47 115.60 0.000689 3.07 EVER-1 Reach-2 69.* Max WS 1574.72 107.48 115.47 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.65 115.23 115.74 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.65 115.23 115.74 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.65 115.23 115.47 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.65 115.47 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.65 115.47 115.60 0.000889 3.07 EVER-1 Reach-2 68 Max WS 1574.23 107.60 115.47 115.60 0.00089 3.07 EVER-1 Reach-2 66 Max WS 1574.23 107.60 115.47 115.60 0.00089 3.07 EVER-1 Reach-2 66 Max WS 1574.23 107.60 115.40 115.47 115.60 0.00089 3.07 EVER-1 Reach-2 65 EVER-1 REACH-	RTVER-1	Reach-2	75.85	MAX WS	Bridge		113.30	112.31	113.01	0.001231		314.03	433.10	
EVER-1 Reach-2 74.7° MAX WS 1319.67 106.82 115.62 115.67 0.000497 2.12 1179.50 828.83 0.18 EVER-1 Reach-2 77 * MAX WS 1318.65 10.70.00 115.60 115.63 0.000249 1.13 1972.69 1253.22 0.121 EVER-1 Reach-2 77 * MAX WS 1318.65 107.86 115.93 115.00 0.000249 1.13 1972.69 1253.22 0.121 EVER-1 Reach-2 77 * MAX WS 1318.65 107.86 115.93 115.00 0.000249 1.19 1254.66 1375.83 0.09 EVER-1 Reach-2 77 * MAX WS 1574.75 107.04 115.77 115.00 0.000389 1.07 732.79 450.79 0.02 EVER-1 Reach-2 70 * MAX WS 1574.75 107.03 115.47 115.00 0.000389 1.07 732.79 450.79 0.02 EVER-1 Reach-2 70 * MAX WS 1574.75 107.08 115.77 115.09 0.000389 1.07 732.79 450.79 0.02 EVER-1 Reach-2 68 MAX WS 1574.23 107.08 115.77 115.79 115.49 0.000389 1.07 732.79 450.79 1.00 124 EVER-1 Reach-2 67 MAX WS 1574.23 107.08 115.77 115.79 115.49 0.000389 1.07 732.79 450.79 1.07 115.77 115.79 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	RTVFR-1	Reach-2	75.40	Max WS	1319.56	106.63	115.59		115.79	0.001342	3.79	510.25	401.83	0.30
ETVER-1 Reach-2 74 Max WS 1319.65 107.00 115.62 115.63 0.000243 1.31 1977.69 1253-22 0.12 ETVER-1 Reach-2 77: Max WS 1319.36 107.46 115.69 115.69 0.000349 1.09 27: Max WS 1319.36 107.46 115.69 115.69 0.000349 1.09 27: Max WS 1319.36 107.46 115.69 115.69 0.000349 1.09 27: Max WS 1319.36 107.48 115.69 1.000349 1.09 27: Max WS 1319.36 107.48 115.69 1.000349 1.09 27: Max WS 1319.36 107.48 115.69 0.000349 1.09 27: Max WS 1319.36 107.48 115.74 115.69 0.000349 1.09 27: Max WS 1319.36 107.48 115.74 115.69 0.000349 1.09 27: Max WS 1319.36 107.48 115.74 115.7	RIVER-1	Reach-2	74.7*	Max WS	1319.67	106.82	115.62		115.67	0.000497	2.12	1179.50	828.83	0.18
RIVER-1 Reach-2 73.* Max WS 1319.34 107.43 115.60 115.61 0.000167 1.23 2290.10 1314.81 0.11 RIVER-1 Reach-2 77.* Max WS 1317.27 107.64 117.47 115.60 0.000167 1.23 177.25 107.64 117.47 115.60 0.000167 1.23 177.25 107.64 117.47 115.60 0.000168 117.25 107.64 117.47 115.60 0.000168 117.25 107.64 117.47 115.60 0.000168 117.25 107.64 117.47 115.60 0.000168 117.25 107.64 117.47 115.60 0.000168 117.25 107.64 117.47 115.60 0.000168 115	RIVER-1	Reach-2	74	Max WS	1319.65	107.00	115.62		115.63	0.000243	1.31	1972.69	1253.22	0.12
RIVER-1 Reach-2 72 Max WS 1319.267 107.86 115.99 113.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.09 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.02 115.71 115.60 0.000248 1.19 2594.66 1375.83 0.02 115.71 115.60 0.000248 1.19 115.71 115.71 115.60 0.000248 1.19 115.71 11	RIVER-1	Reach-2	73.*	Max WS	1319.34	107.43	115.60		115.61	0.000167	1.23	2290.10	1314.81	0.11
RIVER-1 Reach-2 1.1" MAX WE 1.54.1.7 100.443 113.47 113.60 0.000089 3.1.5 125.13 40.7.43 0.51 115.71 115.60 0.00089 3.1.5 125.13 40.7.43 0.51 115.71 115.60 0.00089 3.1.5 125.71 115.71	RIVER-I	Reach-2	72	Max WS	1319.26	107.86	115.59		115.60	0.000128	1.19	2594.66	1375.83	0.09
RENTER-1 REACH-2 69	RIVER-1	Reach-2	71.*	Max WS	1574.27	107.44	115.47		115.60	0.000989	3.07	732.79	450.79	0.24
REACH-2 68	RIVER-1	Reach-2	/U	Max WS	15/4.25	107.03	115.37		115.49	0.000949	2.83	222.12	102,43	0.21
RIVER-1 Reach-2 67 Max WS 1574-23 107.40 114.86 115.07 0.002033 3.87 464.69 135.10 0.30 Nat WS 1574-22 107.40 114.61 114.85 0.002480 4.17 430.70 133.33 0.33 RIVER-1 Reach-2 65." Max WS 1574-22 107.40 114.63 114.65 0.002480 4.17 430.70 133.33 0.33 RIVER-1 Reach-2 65." Max WS 1574.22 107.20 114.48 114.65 0.002480 4.17 430.70 133.33 0.33 RIVER-1 Reach-2 64." Max WS 1574.23 107.20 114.28 114.47 10.003157 3.49 466.55 186.66 0.31 RIVER-1 Reach-2 62." Max WS 1574.24 107.20 114.28 114.47 10.003157 3.49 466.55 186.66 0.31 RIVER-1 Reach-2 62." Max WS 1578.64 106.62 113.99 114.16 0.001604 3.31 500.70 198.59 0.32 RIVER-1 Reach-2 61." Max WS 1580.82 106.43 113.86 114.10 0.003189 3.14 538.91 210.53 0.30 RIVER-1 Reach-2 60." Max WS 1580.82 106.43 113.86 114.10 0.003189 3.14 538.91 210.53 0.30 RIVER-1 Reach-2 60." Max WS 1580.82 106.42 113.76 Max WS 1580.82 106.43 113.86 114.10 0.003189 3.14 538.91 210.53 0.30 RIVER-1 Reach-2 53.8 "Max WS 1580.82 106.42 113.76 Max WS 1580.82 106.42 113.77 Max WS 1580.82 106.42 113.77 Max WS 1580.82 106.42 113.77 Max WS 1580.82 106.42 113.77 Max WS 1580.82 106.42 113.77 Max WS 1580.82 106.43 113.80 0.000077 2.84 611.16 0.001604 3.31 SW 10.00077 2.84 611.16 0.001604 3.10 Max WS 1580.82 106.43 10.70 Max WS 1580.82 10.000077 2.84 611.16 0.001604 3.10 Max WS 1580.82 10.000077 2.84 611.16 0.000077 2.84 61	RIVER-1	Reach 2	69.*	Max WS	1574.23	107.33	115.23		115.30	0.001270	3.10	490.00 451.56	94.33 80.20	0.24
REVER-1 Reach-2 66 Max ws 1574-22 107.40 114.61 114.85 0.002480 4.17 430.70 1133.33 0.133	RIVER-1	Reach=2	67	Max WS	1574.23	107.00	114 86		115 07	0.001032	3.87	464.69	135.10	0.27
RIVER-1 Reach-2 65.* Max WS 1574.22 107.20 114.43 114.63 0.001793 3.69 477.53 173.72 0.31 REVER-1 Reach-2 64.* Max WS 1574.19 107.00 114.28 114.47 0.001517 3.49 466.58 186.68 0.31 RIVER-1 Reach-2 62.* Max WS 1576.41 106.81 114.13 114.13 0.001595 3.41 480.85 227.85 0.32 RIVER-1 Reach-2 62.* Max WS 1576.64 106.81 114.13 114.13 0.001595 3.41 480.85 227.85 0.32 RIVER-1 Reach-2 62.* Max WS 1578.64 106.81 114.13 114.13 0.001595 3.41 480.85 227.85 0.32 RIVER-1 Reach-2 62.* Max WS 1578.64 106.81 114.13 114.13 0.001595 3.41 480.85 127.85 0.32 RIVER-1 Reach-2 60.* Max WS 1578.69 106.24 113.99 0.001604 3.40 114.60 0.001595 3.41 480.85 127.85 0.32 RIVER-1 Reach-2 60.* Max WS 1588.05 106.24 113.77 113.89 0.001604 3.40 114.60 0.001595 3.41 480.85 127.85 0.32 RIVER-1 Reach-2 59.* Max WS 1589.99 106.07 113.68 113.80 0.001077 3.284 611.18 231.45 0.26 RIVER-1 Reach-2 59.* Max WS 1589.99 106.07 113.65 113.77 113.89 0.001707 3.284 611.18 231.45 0.25 RIVER-1 Reach-2 57.2 Max WS 1594.11 107.05 113.57 110.87 113.89 0.000900 2.80 697.46 361.94 0.25 RIVER-1 Reach-2 57.2 Max WS 1594.11 107.05 113.57 110.87 113.89 0.000186 3.40 77.68 0.19 RIVER-1 Reach-2 57.2 Max WS 1594.10 107.05 113.57 110.87 113.69 0.00044 2.44 1042.20 477.68 0.19 RIVER-1 Reach-2 55.9 Max WS 1594.60 107.05 113.45 113.49 0.000186 3.40 73.39 400.29 0.28 RIVER-1 Reach-2 55.* Max WS 1597.65 105.90 113.40 10.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55.* Max WS 1604.30 105.80 113.33 113.39 0.000186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 55.* Max WS 1604.30 105.80 113.33 113.39 0.000186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 55.* Max WS 1604.30 105.80 113.33 113.39 0.000186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 55.* Max WS 1604.30 105.80 113.33 113.39 0.000186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 54. Max WS 1604.30 105.80 113.33 113.37 113.49 0.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 54. Max WS 1604.30 105.80 113.33 113.39 0.0000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 54. Max WS 1604.30 105.80 113.33 113.39 0.000624 2.23 119.93 304.31 0.21 RIVER-1 Rea	RTVFR-1	Reach-2	66	Max WS	1574.22	107.40	114.61		114.85	0.002480	4.17	430.70	133.33	0.33
RIVER-1 Reach-2 61* Max WS 1574.19 107.00 114.28 114.47 0.001517 3.49 466.58 186.68 0.31 RIVER-1 Reach-2 61.* Max WS 1576.64 106.62 114.13 114.31 0.001595 3.41 480.85 227.85 0.32 RIVER-1 Reach-2 62.* Max WS 1576.64 106.62 113.99 RIVER-1 Reach-2 62.* Max WS 1588.69 106.07 113.99 RIVER-1 Reach-2 60.* Max WS 1588.69 106.07 113.99 RIVER-1 Reach-2 59.* Max WS 1588.69 106.07 113.68 RIVER-1 Reach-2 59.* Max WS 1588.09 106.07 113.68 RIVER-1 Reach-2 59.* Max WS 1580.98 105.90 113.65 RIVER-1 Reach-2 58.2 Max WS 1590.98 105.90 113.65 RIVER-1 Reach-2 59.* Max WS 1590.98 105.90 113.65 RIVER-1 Reach-2 59.* Max WS 1594.11 107.05 113.57 110.87 113.68 RIVER-1 Reach-2 59.* Max WS 1594.10 107.05 113.57 110.87 113.68 RIVER-1 Reach-2 55.* Max WS 1594.10 107.05 113.57 110.87 113.68 RIVER-1 Reach-2 56.9 Max WS 1594.06 107.05 113.40 RIVER-1 Reach-2 56.9 Max WS 1594.06 107.05 113.40 RIVER-1 Reach-2 55.* Max WS 1594.06 107.05 113.40 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 RIVER-1 Reach-2 55.* Max WS 1604.30 105.85 113.37 RIVER-1 Reach-2 55.* Max WS 1604.30 105.70 113.16 RIVER-1 Reach-2 55.* Max WS 1604.30 105.57 RIVER-1 Reach-2 55.* Max WS 1604.30 105.57 RIVER-1 Reach-2 56.9 Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 56.9 Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 57. Max WS 1604.30 105.57 RIVER-1 Reach-2 50.* Max WS 1604.30 105.57 RIVER-1 Reach-2 50.* Max WS 1606.38	RIVER-1	Reach-2	65.*	Max WS	1574.22	107.20	114.43		114.63	0.001793	3.69	477.53	173.72	0.31
RIVER-1 Reach-2 63.* Max WS 1576.44 106.81 114.13 114.131 0.001595 3.41 480.85 277.85 0.32 RIVER-1 Reach-2 62.* Max WS 1578.64 106.62 113.99 114.16 0.001604 3.31 500.70 118.59 0.32 RIVER-1 Reach-2 60.* Max WS 1580.80 116.43 113.87 114.16 0.001604 3.31 500.70 118.59 0.32 RIVER-1 Reach-2 59.* Max WS 1580.99 106.07 113.68 113.87 0.0001807 2.80 697.46 513.18 210.15 0.25 RIVER-1 Reach-2 59.* Max WS 1580.99 106.07 113.68 113.87 0.000990 2.80 697.46 513.18 210.15 0.25 RIVER-1 Reach-2 59.* Max WS 1590.99 106.07 113.68 113.87 0.000990 3.80 697.46 513.83 210.15 0.25 RIVER-1 Reach-2 57.7 Max WS 1590.91 105.00 113.65 113.70 0.000474 2.44 1042.20 477.68 0.19 RIVER-1 Reach-2 57.7 Max WS 1594.91 107.00 113.65 113.70 0.000474 2.44 1042.20 477.68 0.19 RIVER-1 Reach-2 57.7 Max WS 1594.91 107.00 113.45 113.50 0.00186 3.40 753.92 400.29 RIVER-1 Reach-2 55.* Max WS 1594.96 107.00 113.45 113.50 0.00186 3.40 753.92 400.29 RIVER-1 REACH-2 55.* Max WS 1597.65 105.00 113.45 113.40 113.49 0.000544 2.63 MAY WS 400.29 RIVER-1 REACH-2 55.* Max WS 1597.65 105.00 113.45 113.45 113.49 0.000542 2.21 1007.56 475.53 0.19 RIVER-1 REACH-2 55.* Max WS 1600.93 105.85 113.37 113.48 0.000512 2.21 1007.56 475.53 0.19 RIVER-1 REACH-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 475.53 0.19 RIVER-1 REACH-2 53.* Max WS 1613.09 105.80 113.33 113.38 0.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 55.* Max WS 1613.09 105.00 113.60 105.00 113.60 105.00 113.60 105.00 113.30 105.80 113.33 113.38 10.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 50.* Max WS 1613.09 105.00 113.26 113.31 0.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 50.* Max WS 1613.09 105.00 113.26 113.31 0.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 50.* Max WS 1613.09 105.00 113.26 113.31 0.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 50.* Max WS 1613.09 105.00 113.26 113.31 0.000485 2.05 1077.48 398.59 0.15 RIVER-1 REACH-2 49.* Max WS 1613.00 105.00 113.26 113.30 0.000485 2.05 11077.48 398.59 0.15 RIVER-1 REACH-2 49.* Max WS 1616.00 105.00 113.25 113.20 113.30 0.	RIVER-1	Reach-2	64	Max WS	1574.19	107.00	114.28		114.47	0.001517	3.49	466.58	186.68	0.31
RIVER-1 Reach-2 62.* Max WS 1580.82 106.63 113.99 114.16 0.001604 3.31 500.70 198.59 0.32 RIVER-1 Reach-2 66.* Max WS 1580.82 106.63 113.66 114.01 0.001389 3.14 538.91 210.53 0.32 RIVER-1 Reach-2 69.* Max WS 1580.89 106.67 113.76 113.86 0.000900 3.14 538.91 210.53 0.32 RIVER-1 Reach-2 59.* Max WS 1580.99 106.07 113.76 113.68 0.000900 3.14 538.91 210.53 0.25 RIVER-1 Reach-2 57.19 RIVER-1 Reach-2 57.19 RIVER-1 Reach-2 57.2 Max WS 1594.11 107.05 113.57 110.87 113.68 0.000948 3.13 855.82 471.91 0.26 RIVER-1 Reach-2 56.9 Max WS 1594.02 107.05 113.57 110.87 113.69 0.000186 3.40 753.92 400.29 0.26 RIVER-1 Reach-2 56.9 Max WS 1594.02 107.05 113.45 113.79 0.00186 3.40 753.92 400.49 0.26 RIVER-1 Reach-2 56.9 Max WS 1594.05 110.87 113.45 113.59 0.00186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1597.05 110.87 113.45 113.59 0.00186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1594.00 107.05 113.45 113.59 0.000186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1597.05 110.87 113.45 113.59 0.000186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1597.05 110.80 113.45 113.59 1.000186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1594.10 107.05 113.45 113.49 0.000186 3.40 753.92 400.49 0.25 RIVER-1 Reach-2 56.9 Max WS 1604.30 105.80 113.35 113.38 0.000450 1.25 114.05 55 560.60 0.25 RIVER-1 Reach-2 53.* Max WS 1613.08 105.70 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 50.* Max WS 1613.94 105.60 113.18 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 50.* Max WS 1613.90 105.60 113.18 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 50.* Max WS 1613.90 105.60 113.18 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 50.* Max WS 1613.90 105.60 113.18 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 50.* Max WS 1613.90 105.60 113.18 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 49.* Max WS 1616.00 105.40 113.30 113.30 0.000778 2.33 919.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1616.60 105.40 113.00 105.60	RIVER-1	Reach-2	63.*	Max WS	1576.41	T00.9T	114.13		114.31	0.001595	3.41	480.85	227.85	0.32
RIVER-1 Reach-2 60.* Max WS 1580.82 106.43 113.86 114.01 0.001389 3.14 538.91 210.53 0.30 0.30 RIVER-1 Reach-2 60.* Max WS 1585.05 106.24 113.67 113.89 0.001077 2.84 611.18 231.43 0.25 RIVER-1 Reach-2 53.* Max WS 1586.95 106.07 113.65 113.87 0.000947 2.84 611.18 231.43 0.25 RIVER-1 Reach-2 53.* Max WS 1594.91 110.05 113.65 113.68 0.000948 3.14 107.06 477.68 0.25 RIVER-1 Reach-2 55.* Max WS 1594.02 107.05 113.45 110.87 113.68 0.000948 3.13 8355.82 421.91 0.26 RIVER-1 Reach-2 56.9 Max WS 1594.02 107.05 113.45 113.59 0.001186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 110.87 113.49 0.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* Max WS 1600.30 105.80 113.33 113.33 0.000948 3.19 110.69 83.80 9.01 RIVER-1 Reach-2 55.* Max WS 1600.30 105.80 113.33 113.33 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* Max WS 1600.30 105.80 113.33 113.33 0.000948 3.23 19.83 13.80 9.30 1.6 RIVER-1 Reach-2 55.* Max WS 1600.30 105.80 113.33 113.33 0.000948 3.23 19.83 13.46 70.19 RIVER-1 Reach-2 55.* Max WS 1600.30 105.80 113.33 113.33 0.000948 3.23 19.83 13.46 70.19 RIVER-1 Reach-2 55.* Max WS 1606.30 105.80 113.30 113.33 0.000948 3.23 19.83 13.46 70.19 RIVER-1 Reach-2 50.* Max WS 1606.81 105.57 113.11 113.16 0.0000978 2.33 919.93 30.43 10.16 RIVER-1 Reach-2 50.* Max WS 1606.83 105.57 113.11 113.16 0.0000978 2.33 919.93 30.43 10.16 RIVER-1 Reach-2 50.* Max WS 1606.83 105.54 113.09 0.000778 2.53 919.93 30.43 10.16 RIVER-1 Reach-2 40.* Max WS 1606.83 105.54 113.09 0.000078 2.53 919.93 30.43 10.16 RIVER-1 Reach-2 40.* Max WS 1606.83 105.54 113.09 0.000078 2.53 919.93 30.43 10.16 RIVER-1 Reach-2 40.* Max WS 1606.83 105.54 113.09 0.000078 2.53 919.93 30.43 10.16 RIVER-1 Reach-2 40.* Max WS 1606.00 105.50 112.94 113.00 0.000078 2.53 919.93 30.43 10.11 RIVER-1 Reach-2 40.* Max WS 1606.00 105.50 112.94 113.00 0.000078 2.53	RIVER-1	Reach-2	62.*	Max WS	1578.64	106.62	113.99		114.16	0.001604	3.31	500.70	198.59	0.32
RIVER-1 Reach-2 59." Max WS 1585.95 106.07 113.65 113.89 0.000900 2.80 699.46 367.96 0.20 RIVER-1 Reach-2 59." Max WS 1586.98 105.90 113.65 113.66 0.00900 2.80 699.46 367.96 0.20 RIVER-1 Reach-2 57.19 Max WS 1589.00 105.90 113.65 110.87 113.68 0.000904 2.40 699.46 367.96 0.20 RIVER-1 Reach-2 57.19 Max WS 1594.02 107.05 113.57 110.87 113.68 0.00094 2.40 699.46 367.96 0.20 RIVER-1 Reach-2 55." Max WS 1594.02 107.05 113.57 110.87 113.68 0.00094 2.40 699.46 367.96 0.20 RIVER-1 Reach-2 55." Max WS 1594.02 107.05 113.40 113.49 0.00064 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55." Max WS 1600.93 105.85 113.37 113.49 0.00064 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55." Max WS 1600.93 105.85 113.37 113.49 0.000612 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 53." Max WS 1601.30 RIVER-1 Reach-2 55." Max WS 1601.30 RIVER-1 Reach-2 51." Max WS 1601.30 RIVER-1 Reach-2 51." Max WS 1613.08 105.70 113.26 113.33 113.38 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 51." Max WS 1613.08 105.70 113.26 113.31 113.38 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 51." Max WS 1613.08 105.70 113.26 113.31 0.00085 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 51." Max WS 1613.08 105.57 113.18 113.22 0.000883 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 51." Max WS 1613.08 105.57 113.18 113.12 0.000883 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 40." Max WS 1621.18 105.57 112.84 113.10 0.00093 2.2.75 888.83 304.31 0.10 RIVER-1 Reach-2 40." Max WS 1621.18 105.57 112.84 113.11 0.00093 2.2.75 888.83 304.31 0.10 RIVER-1 Reach-2 47." Max WS 1621.18 105.57 112.84 113.11 0.00093 2.2.75 888.83 304.31 0.10 RIVER-1 Reach-2 44." Max WS 1636.73 105.47 112.84 112.93 0.000800 3.02 868.32 287.52 0.23 RIVER-1 Reach-2 44." Max WS 1656.07 105.68 112.77 112.85 0.00090 3.00 368.32 105.37 106.00 357.70 0.21 RIVER-1 Reach-2 44." Max WS 1657.45 106.89 112.67 112.77 0.00063 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 44." Max WS 1657.65 106.89 112.67 112.77 0.00063 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 43." Max WS 1667.60 106.31 112.55 112.59 0.00094 2.2.37 1388.9 347.70	RIVER-1	Reach-2	61.*	Max WS	1580.82	106.43	113.86		114.01	0.001389	3.14	538.91	210.53	0.30
RIVER-1 Reach-2 39." MAX WS 1580-98 108.00 113.00 10.00094 2.00094 2.00 1092-50 367.98 0.29 RIVER-1 Reach-2 35.2 MAX WS 1594.11 107.05 113.57 110.87 113.68 0.00094 3.13 835.82 421.91 0.26 RIVER-1 Reach-2 55.9 MAX WS 1594.02 107.05 113.45 113.59 0.001186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 56 MAX WS 1594.02 107.05 113.45 113.49 0.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55.* MAX WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* MAX WS 1604.30 105.80 113.39 113.49 0.000624 2.63 849.06 584.10 0.21 RIVER-1 Reach-2 55.* MAX WS 1604.30 105.80 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* MAX WS 1604.30 105.80 113.33 113.38 0.000452 1.25 1146.45 566.50 0.15 RIVER-1 Reach-2 53.* MAX WS 1604.30 105.80 113.33 113.38 113.38 0.000452 1.55 1146.45 566.50 0.15 RIVER-1 Reach-2 53.* MAX WS 1604.30 105.80 113.38 113.38 113.38 0.000452 1.55 1146.45 836.50 0.15 RIVER-1 Reach-2 53.* MAX WS 1604.60 113.48 105.57 113.11 113.12 0.000683 2.05 104.41 9325.33 0.16 RIVER-1 Reach-2 50.* MAX WS 1636.63 81 105.57 113.11 113.12 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 50.* MAX WS 1636.63 81 105.57 113.10 113.10 0.000822 2.75 888.61 295.12 RIVER-1 Reach-2 49.* MAX WS 1636.63 105.50 112.94 113.00 0.000822 2.75 888.61 295.12 RIVER-1 Reach-2 45.* MAX WS 1636.63 105.54 113.02 113.09 0.000778 2.53 919.93 304.31 0.21 RIVER-1 Reach-2 45.* MAX WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 45.* MAX WS 1667.14 105.88 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* MAX WS 1667.14 105.88 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* MAX WS 1667.10 106.32 112.59 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 45.* MAX WS 1667.60 106.32 112.61 112.55 0.000423 2.20 123.84 414.56 0.14 RIVER-1 Reach-2 45.* MAX WS 1667.60 106.31 112.55 112.55 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* MAX WS 1667.60 106.32 112.51 112.55 0.000433 2.09 1358.34 140.65 0.14 RIVER-1 Reach-2 47.* MAX WS 1667.60	RIVER-1	Reach-2	60	Max WS	1583.05	106.24	113.//		113.89	0.001077	2.84	611.18	231.45	0.26
RIVER-1 Reach-2 57.2 Max WS 1594.11 100.95 113.67 110.87 113.68 0.000048 2.13 835.82 421.91 0.26 RIVER-1 Reach-2 57.19 Max WS 1594.02 107.05 113.45 113.57 110.87 113.68 0.000048 2.13 835.82 421.91 0.26 RIVER-1 Reach-2 56.9 Max WS 1594.02 107.05 113.40 113.49 0.000624 2.63 849.06 884.10 0.21 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 55.* Max WS 1604.30 105.80 113.43 113.33 113.48 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 52 Max WS 1613.08 105.70 113.26 113.33 113.83 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 52 Max WS 1613.08 105.70 113.26 113.18 10.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 52 Max WS 1613.08 105.50 113.18 113.12 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 52 Max WS 1613.08 105.50 113.18 113.12 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 53.* Max WS 1621.18 105.54 113.18 113.10 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 53.* Max WS 1621.38 105.54 113.18 113.19 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 45.* Max WS 1621.38 105.54 113.18 113.19 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 45.* Max WS 1621.80 105.54 113.05 113.00 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 45.* Max WS 1621.80 105.54 113.05 113.00 0.000588 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 45.* Max WS 1621.80 105.54 113.05 113.00 0.000588 2.33 962.33 304.31 0.16 RIVER-1 Reach-2 45.* Max WS 1621.80 105.54 113.05 112.05 113.00 0.000588 2.33 962.33 304.31 0.21 RIVER-1 Reach-2 47.* Max WS 1621.80 105.54 113.00 0.000588 2.35 962.33 962.33 304.31 0.21 RIVER-1 Reach-2 45.* Max WS 1621.80 105.54 112.05 112.44 0.000381 2.57 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05 112.05	RIVER-I	Reach-2	59.*	Max WS	1586.99	105.07	113.68		113.60	0.000900	2.80	1042 20	301.9 4	0.23
RIVER-1 Reach-2 57.19	RIVER-I	Reach-2	30 57 2	Max WS	1590.96	103.90	113.03	110 87	113.72	0.000474	3 13	835 82	477.00	0.19
RIVER-1 Reach-2 56.0 Max WS 1594.02 107.05 113.45 113.59 0.001186 3.40 753.92 400.29 0.28 RIVER-1 Reach-2 56 Max WS 1597.65 105.90 113.40 113.49 0.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 54 Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 53.* Max WS 1601.30.8 105.70 113.26 113.31 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 52 Max WS 1613.08 105.70 113.26 113.31 0.000452 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 52 Max WS 1615.94 105.60 113.18 113.22 0.000588 2.06 1014.19 325.33 0.16 RIVER-1 Reach-2 50.* Max WS 1621.18 105.57 113.11 113.16 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 50.* Max WS 1621.18 105.57 113.02 113.09 0.000778 2.53 961.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.00 0.000778 2.53 961.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 47.* Max WS 1631.69 105.68 112.77 112.84 113.02 0.000800 3.02 868.32 287.52 0.23 RIVER-1 Reach-2 47.* Max WS 1647.14 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.65 106.29 112.63 112.63 0.000879 2.23 1195.49 403.38 0.19 RIVER-1 Reach-2 45.* Max WS 1667.64 105.48 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1	RTVER-1	Reach-2	57.19	Max W3	Bridge	107.03	113.37	110.07	113.00		3.13	033.02	122132	
ETURE-1 Reach-2 56 Max WS 1597.65 105.90 113.40 113.49 0.000624 2.63 849.06 384.10 0.21 RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000512 2.21 1007.56 472.53 0.19 RIVER-1 Reach-2 54 Max WS 1604.30 105.80 113.33 113.38 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 53.* Max WS 1613.08 105.70 113.26 113.31 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 51.* Max WS 1615.94 105.60 113.18 113.22 0.000588 2.06 1014.19 325.33 0.16 RIVER-1 Reach-2 50.* Max WS 1621.18 105.57 113.11 1131.16 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 49.* Max WS 1626.38 105.54 113.02 113.09 0.000778 2.53 919.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 RIVER-1 Reach-2 47.* Max WS 1636.73 105.47 112.84 112.93 0.000802 2.75 888.61 295.52 0.23 RIVER-1 Reach-2 47.* Max WS 1641.94 105.68 112.77 112.84 112.93 0.000803 3.22 888.32 287.52 0.23 RIVER-1 Reach-2 47.* Max WS 1641.94 105.68 112.77 112.87 0.000743 2.25 1888.32 287.70 0.23 RIVER-1 Reach-2 47.* Max WS 1641.94 105.68 112.77 112.87 0.000743 2.27 106.00 37.70 0.11 RIVER-1 Reach-2 45.* Max WS 1641.94 105.68 112.77 112.87 0.000743 2.27 106.00 37.70 0.11 RIVER-1 Reach-2 45.* Max WS 1667.14 106.08 112.77 112.87 0.000743 2.27 106.00 37.70 0.11 RIVER-1 Reach-2 45.* Max WS 1667.10 106.31 112.77 112.87 0.000743 2.27 106.00 37.70 0.11 RIVER-1 Reach-2 47.* Max WS 1667.10 106.31 112.59 112.69 0.000397 2.23 1195.99 403.38 0.19 12.77 RIVER-1 Reach-2 43.* Max WS 1667.60 106.32 112.59 112.59 0.000397 2.23 1195.99 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1667.60 106.32 112.51 112.59 0.000397 2.23 125.50 0.20 138.74 430.65 1.67 RIVER-1 Reach-2 41.* Max WS 1667.60 106.32 112.51 112.59 0.000397 2.23 125.50 0.20 138.74 430.65 1.67 RIVER-1 Reach-2 43.* Max WS 1667.60 106.32 112.51 112.59 0.000397 2.23 125.50 0.20 138.74 0.00 0.16 RIVER-1 Reach-2 39.* Max WS 1667.60 106.32 112.51 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 39.* Max WS 1676.65 106.52 112.18 112.40 0.000259 1.35 13.95 0.33 135.00 0.16 RIVER-1 Reac	RTVFR-1	Reach-2	56.9	Max WS	1594.02	107.05	113.45		113.59	0.001186	3.40	753.92	400.29	0.28
RIVER-1 Reach-2 55.* Max WS 1600.93 105.85 113.37 113.43 0.000450 1.95 114.695 560.60 0.19 RIVER-1 Reach-2 54 Max WS 1604.30 105.80 105.70 113.26 113.31 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 52 Max WS 1613.08 105.70 113.26 113.31 0.000455 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 52 Max WS 1615.94 105.60 113.18 113.22 0.000588 2.06 1014.19 325.33 0.16 RIVER-1 Reach-2 50.* Max WS 1615.18 105.57 113.11 113.16 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 50.* Max WS 1626.38 105.54 113.02 113.09 0.000778 2.53 919.93 304.31 0.7 RIVER-1 Reach-2 49.* Max WS 1636.73 105.47 112.84 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 49.* Max WS 1636.73 105.47 112.84 112.93 0.000800 3.02 868.32 287.52 0.22 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.67 112.77 0.000633 2.57 106.00 357.70 0.19 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.71 112.77 0.000633 2.57 106.00 357.70 0.19 RIVER-1 Reach-2 43.* Max WS 1657.45 106.29 112.63 112.67 0.000397 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 43.* Max WS 1657.45 106.29 112.63 112.67 0.000397 2.32 1105.49 403.38 0.19 RIVER-1 Reach-2 43.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.32 1105.49 403.38 0.19 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.32 1205.00 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1667.60 106.31 112.55 112.59 0.000397 2.32 1205.00 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1676.67 106.33 112.46 112.51 0.000415 2.77 1230.09 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1676.67 106.33 112.46 112.51 0.000415 2.77 1230.09 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1676.67 106.33 112.46 112.51 0.000415 2.77 1230.09 418.22 0.17 RIVER-1 Reach-2 30.* Max WS 1676.67 106.33 112.46 112.51 0.000415 2.77 1230.09 418.22 0.17 RIVER-1 Reach-2 30.* Max WS 1676.67 106.33 112.46 104.00 111.65 0.000397 2.57 139.19 78.80 0.46 RIVER-1 Reach-2 31.	RTVER-1	Reach-2	56	Max WS	1597.65	105.90	113.40		113.49	0.000624	2.63	849.06	384.10	0.21
RIVER-1 Reach-2 54 Max WS 1604.30 105.80 113.33 113.38 0.000450 1.95 1146.95 560.60 0.17 RIVER-1 Reach-2 53.* Max WS 1615.94 105.60 113.18 113.32 0.000485 2.05 1077.48 398.59 0.16 RIVER-1 Reach-2 51.* Max WS 1615.94 105.60 113.18 113.22 0.000588 2.06 1014.19 325.33 0.16 RIVER-1 Reach-2 51.* Max WS 1621.18 105.57 113.11 113.16 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 50.* Max WS 1626.38 105.54 113.02 113.09 0.000778 2.53 919.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.84 113.93 0.000800 3.02 868.32 287.52 0.23 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* Max WS 1647.14 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.77 106.08 112.67 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 43.* Max WS 1652.27 106.09 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.59 112.63 0.00381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1195.49 403.38 0.19 RIVER-1 Reach-2 41.* Max WS 1667.60 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.66 112.51 0.000425 2.30 120.34 414.56 0.18 RIVER-1 Reach-2 38.* Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 120.34 414.56 0.18 RIVER-1 Reach-2 38.* Max WS 1676.65 104.52 112.51 112.55 0.000425 2.30 120.34 414.56 0.18 RIVER-1 Reach-2 38.* Max WS 1676.65 104.52 112.51 112.51 0.000425 2.30 120.34 414.56 0.18 RIVER-1 Reach-2 38.* Max WS 1676.65 104.52 112.51 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 34.82 Max WS 1676.65 104.52 112.51 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 34.82 Max WS 1676.65 104.52 112.15 112.43 0.001578 4.33 387.42 74.78 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.65 104.52 112.15 1	RIVER-1	Reach-2	55.*	Max WS	1600.93	105.85	113.37		113.43	0.000512	2.21	1007.56	472.53	0.19
RIVER-1 Reach-2 53.* Max WS 1613.08 105.70 113.26 113.31 0.000485 2.05 107.48 398.99 0.16 RIVER-1 Reach-2 51.* Max WS 1615.94 105.60 113.18 113.22 0.000588 2.06 1014.19 325.33 0.16 RIVER-1 Reach-2 51.* Max WS 1621.18 105.57 113.11 113.16 0.000693 2.31 962.38 314.67 0.19 RIVER-1 Reach-2 49.* Max WS 1626.88 105.54 113.02 113.09 0.000778 2.53 919.93 304.31 0.21 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 47.* Max WS 1631.60 105.60 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1647.4 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1647.45 106.29 112.63 112.67 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 42.* Max WS 1667.22 106.30 112.59 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.60 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 33.* Max WS 1676.67 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 33.* Max WS 1676.60 106.17 112.43 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 33.* Max WS 1676.65 105.68 112.47 112.43 112.47 0.000386 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 33.* Max WS 1676.65 105.68 112.37 112.40 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 34.82 Max WS 1676.65 105.68 112.37 112.40 0.000299 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.65 105.68 112.37 112.40 0.000299 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.65 105.68 105.68 112.37 112.40 0.000299 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82	RIVER-1	Reach-2	54	Max WS	1604.30	105.80	113.33		113.38	0.000450	1.95	1146.95	560.60	0.17
RTVER-1 Reach-2 51.* Max WS 1621.18 105.57 113.11 113.16 0.000593 2.31 962.38 314.67 0.19 RTVER-1 Reach-2 50.* Max WS 1621.18 105.57 113.11 113.15 0.000593 2.31 962.38 314.67 0.19 RTVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.09 0.000778 2.53 919.93 304.31 0.21 RTVER-1 Reach-2 48 Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RTVER-1 Reach-2 48 Max WS 1636.73 105.47 112.84 112.93 0.000800 3.02 868.32 287.52 0.23 RTVER-1 Reach-2 46.* Max WS 1641.98 105.68 112.77 112.87 0.000603 2.37 1060.00 357.70 0.21 RTVER-1 Reach-2 46.* Max WS 1647.14 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RTVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.67 0.000635 2.57 1060.00 357.70 0.21 RTVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RTVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000381 2.17 1308.37 426.30 0.17 RTVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RTVER-1 Reach-2 40 Max WS 1676.67 106.33 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RTVER-1 Reach-2 41.* Max WS 1676.60 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RTVER-1 Reach-2 40 Max WS 1676.60 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RTVER-1 Reach-2 38.* Max WS 1676.60 106.17 112.43 112.44 0.000260 1.83 1549.54 493.24 0.14 RTVER-1 Reach-2 38.* Max WS 1676.65 105.68 112.37 112.44 0.000260 1.83 1549.59 4414.56 0.18 RTVER-1 Reach-2 36 Max WS 1676.65 105.68 112.37 112.40 0.000259 1.75 1651.65 524.23 0.13 RTVER-1 Reach-2 34.81 Max WS 1676.65 105.68 112.37 112.40 0.000257 1.25 139.19 78.98 0.46 RTVER-1 Reach-2 34.82 Max WS 1676.64 105.84 112.40 112.43 0.001578 4.33 387.42 74.78 0.34 RTVER-1 Reach-2 34.82 Max WS 1676.65 105.68 112.37 112.40 0.000259 1.75 1651.65 524.23 0.13 RTVER-1 Reach-2 34.81 Max WS 1676.64 104.52 112.15 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RTVER-1 Reach-2 34.82 Max WS 1676.64 104.52 112.15 110.91 111.35 0.001049 3.08 840.29 666.19 0.27 RTVER-1 Reach-2 31.* Max WS 1676.45 104.52 112	RIVER-1	Reach-2	53.*	Max WS	1613.08	105.70	113.26		113.31	0.000485	2.05	10//.48	398.59	0.16
RIVER-1 Reach-2 51.** Max WS 1626.38 105.54 113.02 113.09 0.000778 2.51 992.38 314.07 0.121 RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.01 0.000822 2.75 888.61 295.12 0.22 RIVER-1 Reach-2 44.* Max WS 1636.73 105.47 112.84 112.93 0.000800 3.02 886.32 287.52 0.23 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1647.14 105.88 112.71 112.87 0.000633 2.57 1060.00 325.70 0.21 RIVER-1 Reach-2 45.* Max WS 1657.45 106.29 112.63 112.67 112.71 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 43.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 44.* Max WS 1667.05 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 43.* Max WS 1667.10 106.33 112.55 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 33.* Max WS 1676.60 106.17 112.43 112.47 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 33.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 33.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 33.* Max WS 1676.65 105.68 112.37 112.49 0.000260 1.83 1549.54 493.04 0.14 RIVER-1 Reach-2 34.81 Max WS 1676.65 105.68 112.37 112.49 0.000260 1.83 1549.54 493.04 0.14 RIVER-1 Reach-2 34.81 Max WS 1676.65 105.68 112.37 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.65 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.65 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 33.481 Max WS 1676.64 104.52 112.15 100.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.481 Max WS	RIVER-1	Reach-2	52	Max WS	1615.94	105.60	113.18		113.22	0.000588	2.00	1014.19	323.33	0.10
RIVER-1 Reach-2 49.* Max WS 1631.60 105.50 112.94 113.03 0.000810 2.35 313-3 38.12 0.22 RIVER-1 Reach-2 48 Max WS 1636.73 105.47 112.84 113.01 0.000822 2.75 888.61 295.12 0.23 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1647.14 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.71 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 44.* Max WS 1652.27 106.08 112.67 112.71 0.000495 2.32 1195.49 430.65 0.16 RIVER-1 Reach-2 43.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 41.* Max WS 1662.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000413 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 37.* Max WS 1676.65 104.52 112.15 112.40 0.000185 1.56 1787.40 439.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.65 104.52 112.15 112.40 0.000185 1.56 1787.40 439.24 0.14 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.40 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.15 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.40 0.00185 1.56 1787.40 493.24 0.14 RIVER-1 Reach-2 34.82 Max WS 1676.67 104.52 112.15 112.40 0.001578 4.33 387.42 RIVER-1 Reach-2 34.81 Max WS 1676.64 104.52 112.15 112.15 112.40 0.001573 3.35 803.08 583.43 RIVER-1 Reach-2 34.34 Max WS 1676.64 104.52 112.08 108.72 112.08 108.72 112.37 0.001578 4.33 387.42 RIVER-1 Reach-2 33.36 Max WS 1676.47 103.93 11	RIVER-1	Reach-2	51.*		1626.18	105.57	113.11		113.10	0.000093	7.31	902.30	314.07	0.19
RIVER-1 Reach-2 48 Max WS 1636.73 105.47 112.84 112.05 0.000880 3.02 868.32 287.52 0.23 RIVER-1 Reach-2 47.* Max WS 1641.98 105.68 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* Max WS 1647.14 105.88 112.77 112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 45.* Max WS 1647.14 105.88 112.71 112.77 0.00633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 43.* Max WS 1662.22 106.30 112.59 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 39.* Max WS 1676.67 106.33 112.46 112.51 0.000455 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 37.* Max WS 1676.65 106.01 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 37.* Max WS 1676.65 105.68 112.37 112.40 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.55 105.68 112.37 112.40 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.40 0.000250 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.40 0.000250 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.40 0.000250 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.64 104.12 110.91 111.45 0.0001578 4.33 387.42 74.78 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.12 110.91 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 34.81 Max WS 1676.44 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 34.81 Max WS	RIVER-1	Reach-2	5U.^	Max WS	1620.30	105.54	112.02		113.09	0.000778	2.33	888 61	295 12	0.21
RIVER-1 Reach-2 47.* Max WS 1641.98 103.68 112.77 1112.85 0.000744 2.82 952.60 323.34 0.23 RIVER-1 Reach-2 46.* Max WS 1647.14 103.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.71 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 43.* Max WS 1662.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.60 106.31 112.55 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 39.* Max WS 1676.60 106.31 112.43 112.44 0.000245 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 37.* Max WS 1676.60 106.17 112.43 112.47 0.000425 1.30 13549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.47 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.56 105.68 112.37 112.49 0.0001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.56 105.68 112.37 112.49 0.0001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.56 105.68 112.37 112.08 108.72 112.39 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.56 104.52 112.08 108.72 112.39 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.67* Max WS 1676.47 103.93 111.00 111.50 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 31.48 M	RIVER-I	Peach-2	49."	Max WS	1636.73	105.30	112.34		112 93	0.000022	3.02	868.32	287.52	0.23
RIVER-1 Reach-2 46.* Max WS 1647.14 105.88 112.71 112.77 0.000633 2.57 1060.00 357.70 0.21 RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 112.71 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 44. Max WS 1652.27 106.08 112.63 112.67 0.000366 2.09 1358.74 430.655 0.16 RIVER-1 Reach-2 43.* Max WS 1667.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.66 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000299 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.40 0.000299 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.56 104.52 112.15 112.49 0.0001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.52 112.09 111.09 111.15 0.0010578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.15 0.0010579 3.35 803.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.8 Max WS 1676.44 103.40 110.90 111.00 111.15 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.69 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.65 0.003779 3.15 793.62 740.48 0.30 RIVER-1 Reach-2	RTVER-1	Reach-2	47.*	Max WS	1641.98	105.68	112.77		112.85	0.000744	2.82	952.60	323.34	0.23
RIVER-1 Reach-2 45.* Max WS 1652.27 106.08 112.67 1112.71 0.000495 2.32 1195.49 403.38 0.19 RIVER-1 Reach-2 44.* Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 43.* Max WS 1667.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 40 Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.40 0.000245 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.49 0.0001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.49 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.49 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.15 0.000429 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.10 91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.6* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.6* Max WS 1676.47 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.69 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.63 102.35 110.43 110.65 0.003459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 11	RTVFR-1	Reach-2	46.*	Max WS	1647.14	105.88	112.71		112.77	0.000633	2.57	1060.00	357.70	0.21
RIVER-1 Reach-2 44. Max WS 1657.45 106.29 112.63 112.67 0.000366 2.09 1358.74 430.65 0.16 RIVER-1 Reach-2 43.* Max WS 1662.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.55 0.000412 2.27 1230.09 418.22 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.16 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 34.81 Max WS 1676.56 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.96 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.90 111.15 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.00 111.00 0.00149 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.39 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.39 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.39 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.39 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30	RIVER-1	Reach-2	45.*	Max WS	1652.27	106.08	112.67		112.71	0.000495	2.32	1195.49	403.38	17.19
RIVER-1 Reach-2 43.* Max WS 1662.22 106.30 112.59 112.63 0.000381 2.17 1308.37 426.30 0.17 RIVER-1 Reach-2 41.* Max WS 1667.10 106.31 112.55 112.59 0.000397 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 35.22 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.08 108.72 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.44 103.00 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.05 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.49 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30.00 Max WS 1676.49 102.35 110.43 110.65 0.00379 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	44	Max WS	1657.45	106.29	112.63		112.67	0.000366	2.09	1358.74	430.65	0.16
RIVER-1 Reach-2 42.* Max WS 1667.10 106.31 112.55 112.59 0.000412 2.23 1265.70 422.19 0.17 RIVER-1 Reach-2 41.* Max WS 1671.80 106.32 112.51 112.55 0.000412 2.27 1230.09 418.22 0.17 RIVER-1 Reach-2 40 Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 35.22 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.34 RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.67* Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.09 111.09 3.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.09 3.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	43.*	Max WS	1662.22	106.30	112.59		112.63	0.000381	2.17	1308.37	426.30	0.17
RIVER-1 Reach-2 41.* Max WS 1676.67 106.33 112.46 112.51 0.000425 2.30 1202.34 414.56 0.18 RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.34 RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.96 111.65 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 32.* Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.10.90 111.10.90 3.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	42.*	Max WS	1667.10	106.31	112.55		112.59	0.000397	2.23	1205.70	422.19	0.17
RIVER-1 Reach-2 39.* Max WS 1676.60 106.17 112.43 112.47 0.000343 2.09 1350.93 457.00 0.16 RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 36 Max WS 1676.55 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 8ridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.103 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	41.*	Max WS	16/1.80	106.32	112.51		112.33	0.000412	2.27	1230.09	410.22	0.17
RIVER-1 Reach-2 38.* Max WS 1676.62 106.01 112.41 112.44 0.000260 1.83 1549.54 493.24 0.14 RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 35.22 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 RIVER-1 Reach-2 34.84 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33 Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.44 103.40 110.90 111.03 0.001459 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.43 102.88 110.75 110.89 0.001459 3.97 609.58 1002.55 0.46	RIVER-I	Reach-2	40 30 *	Max WS	1676.67	106.33	112.40		112.31	0.000423	2.30	1350 93	457 00	0.16
RIVER-1 Reach-2 37.* Max WS 1676.54 105.84 112.40 112.42 0.000185 1.56 1787.40 514.02 0.12 RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.48 104.30 110.96 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33.67* Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	39."	Max WS	1676.60	106.17	112.43		112 44	0.000343	1.83	1549.54	493.24	0.14
RIVER-1 Reach-2 36 Max WS 1676.56 105.68 112.37 112.40 0.000229 1.75 1651.65 524.23 0.13 RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33 Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RTVER-1	Reach-2	37.*	Max WS	1676.54	105.84	112.40		112.42	0.000185	1.56	1787.40	514.02	0.12
RIVER-1 Reach-2 35.22 Max WS 1676.56 104.52 112.15 112.43 0.001521 4.27 392.63 75.18 0.33 RIVER-1 Reach-2 34.82 Max WS 1676.55 104.52 112.08 108.72 112.37 0.001578 4.33 387.42 74.78 0.34 RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33 Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RTVFR-1	Reach-2	36	Max WS	1676.56	105.68	112.37		112.40	0.000229	1.75	1651.65	524.23	0.13
RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33 Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	35.22	Max WS	1676.56	104.52	112.15		112.43	0.001521	4.27	392.63	75.18	0.33
RIVER-1 Reach-2 34.81 Bridge RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61 RIVER-1 Reach-2 33.67* Max WS 1676.45 104.12 110.91 111.34 0.003207 5.25 319.19 78.98 0.46 RIVER-1 Reach-2 33 Max WS 1676.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	34.82	Max WS	1676.55	104.52	112.08	108.72	112.37	0.001578	4.33	387.42	74.78	0.34
RIVER-1 Reach-2 34.34 Max WS 1676.48 104.30 110.96 111.65 0.005886 6.66 251.74 68.25 0.61	RIVER-1	Reach-2	34.81		Bridge	404	440.00		444 65		c cc	254 74	60.35	0.61
RIVER-1 Reach-2 33.6/** Max WS 16/6.45 104.12 110.91 111.34 0.0020/ 3.25 319.19 /6.96 0.46 RIVER-1 Reach-2 33 Max WS 16/6.47 103.93 111.00 111.15 0.001053 3.35 803.08 583.43 0.27 RIVER-1 Reach-2 32.* Max WS 16/6.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 16/6.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 16/6.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	34.34	Max WS	1676.48	104.30	110.96		111.65	0.005886	6.66	251./4 210.10	00.25 78.08	0.61
RIVER-1 Reach-2 32.* Max WS 1676.44 103.40 110.90 111.03 0.001049 3.08 840.29 666.19 0.27 RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	33.67*	Max WS	1676.45	104.12	110.91		111.34 111 15	0.003207	3.72	8U3 U8 2TA·TA	70.30	0.40
RIVER-1 Reach-2 31.* Max WS 1676.43 102.88 110.75 110.89 0.001459 3.15 793.62 740.48 0.30 RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-I	Keach-2	33 22 *	Max WS	10/0.4/ 1676 //	103.93	110 90		111 03	0.001033	3.33	840.29	666.19	0.27
RIVER-1 Reach-2 30 Max WS 1676.39 102.35 110.43 110.65 0.003779 3.97 609.58 1002.55 0.46	RIVER-1	Reach-2	34." 31 *	Max WS	1676 43	102.88	110.75		110.89	0.001459	3.15	/93.62	740.48	0.30
			30		1676.39	102.35	110.43		110.65	0.003779	3.97	609.58	1002.55	0.46

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RIVER-1	Reach-2	29.*	Max WS	1676.38	102.34	110.07	ccitti cp	110.31	0.003929	4.22	617.54	945.73	0.47
RIVER-1	Reach-2	28.*	Max WS	1676.30	102.33	109.75		109.97	0.003592	4.24	696.82	887.38	0.46
RIVER-1	Reach-2	27.*	Max WS	1676.20	102.33	109.52		109.67	0.002614	3.85	894.40	957.02	0.40
RIVER-1	Reach-2	26	Max WS	1676.14	102.32	109.38		109.46	0.001570	3.19	1208.68	1058.19	0.31
RIVER-1	Reach-2	25.*	Max WS	1676.16	101.99	109.23		109.33	0.002110	3.52	1117.49	1135.60	0.35
RIVER-1	Reach-2	24.*	Max WS	1676.03	101.66	109.04		109.16	0.002800	3.82	1011.04	1219.25	0.40
RIVER-1	Reach-2	23.*	Max WS	1675.92	101.33	108.86		108.95	0.002426	3.34	1073.17	1062.29	0.37
RIVER-1	Reach-2	22	Max WS	1675.86	101.00	108.72		108.77	0.001881	2.79	1219.83	1112.78	0.32
RIVER-1	Reach-2	21.*	Max WS	1675.72	101.27	108.56		108.62	0.001995	2.90	1182.50	1098.84	0.33
RIVER-1	Reach-2	20.*	Max WS	1675.66	101.54	108.39		108.45	0.002121	3.01	1145.08	1035.24	0.34
RIVER-1	Reach-2	19.*	Max WS	1675.49	101.82	108.20		108.26	0.002299	3.11	1112.67	957.68	0.35
RIVER-1	Reach-2	18	Max WS	1675.28	102.09	108.01		108.06	0.002345	3.16	1091.36	875.38	0.35
RIVER-1	Reach-2	17.*	Max WS	1675.07	101.97	107.81		107.86	0.002302	3.11	1246.43	1224.17	0.35
RIVER-1	Reach-2	16.*	Max WS	1674.96	101.85	107.67		107.70	0.001442	2.55	1460.15	1231.34	0.28
RIVER-1	Reach-2	15.*	Max WS	1674.88	101.73	107.58		107.60	0.000837	1.96	1749.20	1237.00	0.21
RIVER-1	Reach-2	14	Max WS	1674.77	101.61	107.53		107.54	0.000494	1.44	2080.78	1245.19	0.16
RIVER-1	Reach-2	13.*	Max WS	1674.74	101.43	107.50		107.51	0.000404	1.23	2222.08	1251.50	0.15
RIVER-1	Reach-2	12.*	Max WS	1674.75	101.26	107.47		107.48	0.000324	1.20	2366.93	1242.86	0.13
RIVER-1	Reach-2	11.*	Max WS	1674.70	101.08	107.45		107.46	0.000261	1.14	2519.34	1232.38	0.12
RIVER-1	Reach-2	10	Max WS	1674.74	100.90	107.43 107.40		107.44 107.41	0.000215 0.000364	1.07	2664.50 2236.25	1217.09 1197.25	0.11 0.14
RIVER-1	Reach-2	9.*	Max WS	1674.72	100.75	107.40		107.41	0.000556	1.40 1.84	1860.86	1260.08	0.14
RIVER-1	Reach-2	8.* 7.*	Max WS	1674.71 1674.69	100.60 100.45	107.28		107.37	0.000336	2.46	1581.35	1254.16	0.23
RIVER-1 RIVER-1	Reach-2 Reach-2	/." 6	Max WS Max WS	1674.66	100.43	107.26		107.31	0.001645	3.51	1306.32	1342.30	0.23
RIVER-1	Reach-2	5.*	Max WS Max WS	1674.61	100.30	106.99		107.22	0.001578	3.51	1346.47	1468.95	0.31
RIVER-1	Reach-2	4.*	Max WS	1674.62	100.00	106.85		106.93	0.00137	3.40	1423.85	1583.93	0.30
RIVER-1	Reach-2	3.*	Max WS	1674.60	99.85	106.73		106.80	0.001367	3.36	1647.41	2167.78	0.30
RIVER-1	Reach-2	ž.	Max WS	1674.55	99.70	106.65		106.68	0.000802	2.61	2060.30	2285.49	0.23
RIVER-1	Reach-2	ī.*	Max WS	1674.55	99.55	106.54		106.61	0.001276	3.36	1659.75	2243.77	0.29
RIVER-1	Reach-2	0	Max WS	1674.53	99.40	106.39	105.80	106.51	0.001670	3.89	1299.09	1963.77	0.33

Appendix P-13: HEC-RAS Results, Anatolia III – Alternative 'D' Model, 10-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

Х	Х	XXXXXX	XX	xx		XX	XX	Х	X	XXXX
X	X	X	X	X		Χ	Х	X	X	X
X	X	X	X			Х	X	Х	Х	X
XXX	(XXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	Χ	Х	Х	X
X	X	X	X	X		Х	X	X	X	×
X	X	XXXXXX	XX	XX		X	Х	X	X	XXXXX

PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 2:52:36 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

Troffic oucpu	c labic sca	ildara rabic 1											
River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	11900 11850.* 11800 11750.* 11700 11650.* 11600 11550.* 11500 11450.* 11440 11350.* 11200 111250.* 11200 11150.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	318.10 318.09 317.18 317.17 316.27 316.27 316.26 315.38 316.24 315.37 315.36 314.50 315.33 315.31	158.00 157.71 157.42 156.96 156.50 156.50 156.00 155.05 154.11 154.00 154.00 154.00 154.00 154.00	162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.25		162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26 162.26	0.000028 0.000028 0.000011 0.000011 0.000011 0.000011 0.000011 0.000011 0.000010 0.000009 0.000008 0.000005 0.000005 0.000003	0.30 0.30 0.20 0.21 0.22 0.22 0.22 0.20 0.19 0.18 0.17 0.15 0.14	1053.95 1071.62 1567.27 1530.12 1562.08 1476.20 1426.17 1440.70 1450.46 1541.01 1642.67 1720.82 1889.63 2068.50 2260.05 2475.19 2688.48	296.98 314.59 412.19 400.13 376.83 331.23 331.19 337.28 338.65 374.30 407.18 455.23 462.11 478.49 498.27 533.88	0.03 0.03 0.02 0.02 0.02 0.02 0.02 0.02

							1						
RIVER-2	Reach-1	11050.*	May MC	313.67	152.00	162 2E K1	teCreek.rep	162 25	0.000002	0 11	2002 22	545.86	0.01
RIVER-2	Reach-1	11000."	Max WS Max WS	214 44	152.00 152.00	162.23		162.23	0.000002	$0.11 \\ 0.10$	2893.23 3156.66	574.08	0.01 0.01
RIVER-2	Parch-1	11000 10887.5*	Max WS	314.44	152.00	162.23		162.23	0.000002	0.09	3544.63	574.00 584 15	0.01
RIVER-2	Reach-1 Reach-1	10775 *	Max WS	313 67	152.00	162.25		162.25	0.000001	0.08	4062.98	603.40	$\begin{array}{c} 0.01 \\ 0.01 \end{array}$
RIVER-2	Reach-1	10775.* 10662.5*	Max WS	313.66	152.00	162.25		162.25	0.000001	0.07	4656.72	639 10	0.00
RIVER-2	Reach-1 Reach-1	10550	Max WS	314 38	152.00	162 25		162.25	0.000001 0.000001 0.000000	0.06	5300.80	584.15 603.40 639.10 681.71	0.00
RIVER-2	Reach-1	10550 10490.*	Max WS	314.35	151.60	162.25		162.25	0.000000	0.05	5881.47	785.23	0.00
RIVER-2	Reach-1	10430.*	Max WS	314.31	151.20	162.25		162.25	0.000000	0.05	6425.17	882.60	0.00
RIVER-2	Reach-1	10370.*	Max WS	313.65	150.80	162.25		162.25	0 000000	0.05	6934.94	882.60 981.91	0.00
RIVER-2	Reach-1	10430.* 10430.* 10370.* 10310.* 10250 10200.*	Max WS	314.26	150.40	162.25		162.25	0.000000 0.000000 0.000000	0.04	7425.21 7920.65	1052.67 1129.89 965.93	0.00 0.00
RIVER-2	Reach-1	10250	Max WS	313.62	150.00	162.25		162.25	0.000000	0.04	7920.65	1129.89	0.00
RIVER-2	Reach-1	10200.*	Max WS	314.22	150.00	162.25		162.25	0.000000	0.04	7404.53	965.93	0.00
RIVER-2	Reach-1	10150 10100.*	Max WS Max WS	313.60	150.00	162.25		162.25	0.000000 0.000000	0.05	6907.02	856.56 847.82	0.00
RIVER-2	Reach-1	10100.*	Max WS	313.59	150.00	162.25		162.25	0.000000	0.05	6583.04	847.82	0.00
RIVER-2	Reach-1	10050 10000.*	Max WS	314.17	150.00	162.25		162.25	0.000000 0.000000	0.05	6356.18 6613.16	775.23	0.00
RIVER-2	Reach-1	10000.*	Max WS	314.15	150.00	162.25		162.25	0.000000	0.05	6613.16	795.07	0.00
RIVER-2	Reach-1	9950 9900.*	Max WS	314.12	150.00	162.25		162.25	0.000000 0.000000 0.000000 0.000000	0.05	6884.85 7538.18	815.03	0.00 0.00
RIVER-2 RIVER-2	Reach-1	9900.*	Max WS	313.59	150.00	162.25		162.25	0.000000	0.04 0.04	7538.18	1039.39	0.00
RIVER-2	Reach-1 Reach-1	9850 9800.*	Max WS Max WS	314.00	150.00 150.00	162.25		162.25	0.000000	0.04	8149.41 7946.07	1201.12	0.00 0.00
RIVER-2	Reach-1	9750	Max WS	314.03	150.00	162.23		162.25	0.000000	0.04	8747 18	1456 41	0.00
RIVER-2	Reach-1	9750 9675.*	Max WS	313.96	149.36	162.25		162.25	0.000000 0.000000	0.04	8242.18 8938.59	775.23 795.07 815.03 1039.59 1201.12 1391.53 1456.41 1495.74	0.00
RIVER-2	Reach-1	9600	Max WS	313.92	148.73	162.25		162.25	0.000000	0.03	9722.62	1534.90	0.00
RTVFR-2	Reach-1	9600 9550.*	Max WS	314. 44 314. 42 313. 67 313. 66 314. 35 314. 31 313. 62 314. 26 313. 62 314. 26 313. 69 314. 17 314. 15 314. 12 313. 59 314. 06 314. 06 314. 06 314. 08 313. 98 313. 98 313. 98 313. 98 313. 98 313. 98 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59 313. 59	148.36	162.25		162.25	0.000000 0.000000	0.03	9722.62 11983.13	1495.74 1534.90 1678.72 1729.97 1761.69 1776.63 1704.95 1608.95 1432.17 1249.52 1127.95 1022.80 995.69 950.91	0.00
RIVER-2	Reach-1	9500 9450.*	Max WS	313.85	148.00 147.00	162.25		162.25	0.000000 0.000000 0.000000	0.02	14412.61 15411.87	1729.97	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9450.*	Max WS	313.83	147.00	162.25		162.25	0.000000	0.02	15411.87	1761.69	0.00
RIVER-2	Reach-1	9400	Max WS	313.78	146.00	162.25		162.25	0.000000	0.02	16748.33 16193.90	1776.63	0.00
RIVER-2	Reach-1	9350.*	Max WS	313.73	145.51	162.25		162.25	(3 (3(3(3(3(3))	0.02	16193.90	1704.95	0.00
RIVER-2	Reach-1	9300 9200.*	Max WS	313.58	145.02	162.25		162.25	0.000000	0.02	15520.29 14492.15	1608.95	0.00
RIVER-2	Reach-1	9200.*	Max WS Max WS	313.54	144.51	162.25		162.25	0.000000 0.000000 0.000000	0.02	14492.15	1432.17	0.00
RIVER-2	Reach-1	9100	Max WS	313.52 212.61	144.00 144.00	162.25		162.25	0.000000	0.02 0.02	13415.52 13005.62	1249.52	0.00 0.00
RIVER-2	Reach-1	9050.* 9000	Max WS	313.01	144.00	102.23		162.23	0.000000 0.000000	0.02	12674.57	1022 90	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	8900.*	Max WS Max WS	313.39	143.08	162.23		162.25	0.000000	0.02	13031 26	995 69	0.00
RIVER-2	Reach-1	8800	Max WS	313.33	142.16	162.25		162.25	0.000000 0.000000	0.02	13031.26 13247.20	950.91	0.00
RIVER-2	Reach-1	8700.*	Max WS	313.50	143.70	162.25		162.25	0.000000	0.03	12461.84	980.52	0.00
RIVER-2	Reach-1	8600	Max WS	313.48	145.24	162.25 162.25	145.81	162.25 162.25	0.000000	0.03	11936.12	988.38	0.00
RIVER-2	Reach-1	8500	1147	Inl Struct									
RIVER-2	Reach-1 Reach-1	8450 8350	Max WS	313.47	140.56 140.09	152.52		152.64 152.26 151.85	0.003338 0.004218 0.004231 0.004281 0.004343 0.004418 0.004520 0.004678 0.004847 0.004919 0.005002	2.76 2.91	113.40 108.09	29.32 28.78	0.25 0.26
RIVER-2	Reach-1	8350	Max WS	314.80	140.09	152.13		152.26	0.004218	2.91	108.09	28.78	0.26
RIVER-2	Reach-1	8250.*	Max WS	316.14	139.60	151.72		151.85	0.004238	2.92	108.28	29.01	0.27 0.27 0.27
RIVER-2	Reach-1	8150.*	Max WS	317.47	139.11 138.62	151.30		151.43	0.004281	2.93	108.41	29.28 29.56	0.27
RIVER-2	Reach-1 Reach-1	8050.*	Max WS	318.82	138.62	150.87		151.01	0.004343	2.94	108.47	29.56	0.27
RIVER-2	Reach-1	7950.*	Max WS	320.16	138.13 137.64	150.44		150.57	0.004418	2.95	108.49 108.55	29.87 30.43	0.27 0.28 0.28 0.29
RIVER-2	Reach-1	/850.* 7750.*	Max WS	321.50	137.64	149.99		130.13	0.004520	2.96 2.98	108.55	30.43	0.20
RIVER-2 RIVER-2	Reach-1	7/50.*	Max WS	322.84	137.15 136.66	149.54		149.07	0.004676	2.99	100.31	31.29 32.15	0.20
RIVER-2	Reach-1 Reach-1	7030.° 7550 *	Max WS Max WS	324.19	136.17	149.00		149.20	0.004847	3.00	108.42 108.45 108.36	32.13	0.29
RIVER-2	Reach-1	7330."	Max WS	325.33	135.68	148.08		148.23	0.005002	3.02	108.36	32.38 32.52	0.29 0.29 0.29 0.29
DTVER-2	Peach-1	7350.*	Max WS	328.23	135 19	147.58		147.73	0.005081	3.03	108.23	32.57	0.29
RIVER-2 RIVER-2	Reach-1	7250.*	Max WS	329.58	134.70	147.07		147.22	0.005139	3.05	108.18	32.57 32.54	0.29
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	7150.*	Max WS Max WS	330.94	135.19 134.70 134.21	146.56		146.71	0.005081 0.005139 0.005236 0.005332	3.07	108.23 108.18 107.82	32.39	0.30 0.30 0.30
RIVER-2	Reach-1	7050.*	Max WS	332.29	133 72	146.03		146.18	0.005332	3.09	107 44	32.20	0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	8250.* 8150.* 8050.* 7950.* 7850.* 7650.* 7450.* 7450.* 7250.* 7250.* 7050.* 6950.* 6950.*	Max WS Max WS	Inl Struct 313.47 314.80 316.14 317.47 318.82 320.16 321.50 322.84 324.19 325.53 326.88 328.23 329.58 330.94 332.29 333.65 335.00 336.36 337.73 339.09 340.22	133.23	145.50		151.43 151.01 150.13 149.67 149.20 148.72 147.73 147.22 146.71 146.18 145.65 145.10 144.53 147.22 146.71	0.005486 0.005696 0.006076	3.13	106.66 105.52 103.42 99.67	31.90	0.30
RIVER-2	Reach-1	6850.*	Max WS	335.00	132.74	144.95		145.10	0.005696	3.17	105.52	31.49	0.31 0.31 0.33 0.37 0.39
RIVER-2	Reach-1	6750.*	Max WS	336.36	132.25	144.36		144.53	0.006076	3.25	103.42	30.92 30.15	0.31
RIVER-2	Reach-1	6650.*	Max WS	33/./3	131.76	143.72		143.90	0.006820 0.008996	3.39 3.73	99.67	28.76	0.33
RIVER-2	Reach-1 Reach-1 Reach-1	6550 6466.66*	Max WS Max WS	339.09	131.27 132.84	142.90		143.12	0.008335	3.73	91.40	31.66	0.37
RIVER-2	Keach-1	0400.00°	Max WS Max WS	34U.ZZ 241 26	134.40	142.19		144.40 141 83	0.006333	3.72	104.53	37.17	0.34
RIVER-2	Reach-1 Reach-1	6383.33* 6300	Max WS Max WS	342.50	135.97	141.07		141 48	0.008335 0.005420 0.003197	3.27	111.41	31.77	0.34 0.29
RIVER-2 RIVER-2	Reach-1	6250	Max WS Max WS	341.36 342.50 343.19	136.00	152.52 152.13 151.72 151.30 150.87 150.44 149.99 149.54 149.06 148.58 147.07 146.56 146.03 145.50 144.95 144.36 143.72 142.90 142.19 141.67 141.33 141.09		141.28	0.004682	3.56	96.31	29.07	0.34
RIVER-2	Reach-1	6200	Max WS	343.87	135.00	140.74		141.48 141.28 141.01	0.006321	4.16	96.31 82.63	23.37	0.39

PT/CP 2	Danah 1	C100 +	Many MC	245 24	124 75	KiteCreek.rep 140.27	140 46	0.004702	2 55	07.22	20.22	0.24
RIVER-2 RIVER-2	Reach-1	6100.* 6000.*	Max WS Max WS	345.24	134.75 134.50 134.25	140.27	140.46	0.004703	3.55	97.23 109.70 119.72	29.22 35.22 41.26 47.15	0.34 0.30 0.30 0.31 0.34 0.43 0.70 0.43 0.29 0.28 0.27 0.28 0.28 0.58 0.46 0.45 0.45
RIVER-2	Reach-1 Reach-1	5900.* 5800.* 5700.* 5600.* 5500.*	Max WS	340.02	134.30	130.00	130 66	0.003937 0.003593	3.16 2.91 2.76 2.74	110 72	33.22 41.26	0.32
RIVER-2	Reach-1	5800.*	Max WS	340.00	134.00	130 18	139.00	0.003333	2.31	126 37	41.20	0.30
DTVED_2	Peach-1	5700 *	Max WS	350.75	133.75	138 82	138 03	0.003371	2.70	120.37	52 40	0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	5600.*	Max WS	352.13	133.50	138 36	138 49	0.005320	2.89	121 81	52.40 55.43	0.31
RIVER-2	Reach-1	5500.*	May WS	352.15	133.25	137 65	137 85	0.003032	3.58	98 86	46 61	0.34
RIVER-2	Reach-1 Reach-1	5400	Max WS Max WS	354.88	133.00	135.89	136.45	0.020810	6.01	59.03	25.44	0.70
RIVER-2	Reach-1	5304.54*	Max WS	356.20	132.73	134.91	135.08	0.007895	3.33	107.01	46.61 25.44 56.53	0.43
RIVER-2 RIVER-2	Reach-1	5209.09*	Max WS Max WS	357.51	132.45	134.38	134.47	0.005274	3.33 2.47	119.72 126.37 128.13 121.81 98.86 59.03 107.01 144.54	88.82	0.34
RIVER-2	Reach-1 Reach-1 Reach-1	5113.63*	Max WS	358.84	132.18	133.96	134.03	0.004341	2.06	173.94	121.64	0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	5018.18*	Max WS Max WS	360.16	131.91	133.59	133.64	0.004027	1 83	196.37	155.06	0.29
RIVER-2	Reach-1	5400.* 5400 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81* 4636.36* 4540.90* 4445.45*	Max WS	361.48	131.64	133.25	133.30	0.003900	1.69	173.94 196.37 214.33 229.92 242.82	187.59 219.47 253.23	0.28
RIVER-2	Reach-1 Reach-1	4827.27*	Max WS Max WS	362.80	131.36	132.94	132.98	0.003829	1.58	229.92	219.47	0.27
RIVER-2	Reach-1	4/31.81*	Max WS	364.11	131.09	132.63	132.67	0.003887	1.50	242.82	253.23	0.27
RIVER-2	Reach-1	4636.36*	Max WS	365.42	130.82 130.55	132.33	132.37	0.004181	1.45	252.04	292.14 335.61	0.28
RIVER-2	Reach-1 Reach-1 Reach-1	4540.90*	Max WS	366.74	130.55	132.03	132.06	0.004553	1.45 1.41 1.31	252.04 260.22 281.33	335.61	0.28
RIVER-2	Reach-1	4445.45*	Max WS	368.03	130.27 130.00	131.73	131.78	0.004502	1.31	201.33 102.27	402.40 424.78	0.28
RIVER-2 RIVER-2	Reach-1	4330 4360 *	Max WS Max WS	270 40	129.40	131.20	131.20	0.010999	1.91 1.81 1.80	193.37 205.36		0.30
RIVER-2	Reach-1 Reach-1	4200." 4170 *	Max WS	370.43	128.80	130.36	130.03	0.013007	1 80	203.30	423.44 410.67	0.40
DIVED-2	Paach-1	4080 *	Max WS	372.76	128.20	129 62	129 66	0.013212	1.55	241 01	410.07	0.43
RIVER-2 RIVER-2	Reach-1 Reach-1	3990 *	Max WS Max WS	372.70	127.60	129 38	129 40	0.004536	1.24	302.26	472.87	0.37
RIVER-2	Reach-1	3900	Max WS	374.99	127.00	129.16	129.18	0.003513	1.13	331.89	491.09	0.24
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	3800.*	Max WS Max WS	376.43	127.00 126.70	128.88	128.90	0.003855	1.55 1.24 1.13 1.17	206.54 241.01 302.26 331.89 321.47 308.52 297.57 292.22	410.67 432.28 472.87 491.09 483.44 475.19 467.22	0.25
RIVER-2 RIVER-2	Reach-1	3700.*	Max WS Max WS	377.86	126.40	128.60	128.62	0.004353	1.22 1.27	308.52	475.19	0.27
RIVER-2	Reach-1	3600.*	Max WS	379.29	126.10	128.32	128.35	0.004837	1.27	297.57	467.22	0.28
RIVER-2	Reach-l	3500.*	Max WS Max WS Max WS	380.71	125.80 125.50 125.20	128.05	128.08	0.004585	1.30	292.22	420.47	0.28
RIVER-2 RIVER-2	Reach-1 Reach-1	3400.*	Max WS	382.12	125.50	127.78	127.81	0.004426	1.32	289.05	401.92	0.27
RIVER-2	Reach-1	4350 .* 4260 .* 4170 .* 4080 .* 3990 .* 3900 .* 3700 .* 3600 .* 3500 .* 3400 .* 3200 .* 3100 .*	Max WS	383.53	125.20	127.51	127.54	0.003571 0.003928 0.005032 0.008141 0.020810 0.007895 0.005274 0.004341 0.004027 0.003900 0.003887 0.004181 0.004502 0.016999 0.013867 0.013867 0.013212 0.004512 0.004513 0.004502 0.013867 0.013867 0.013212 0.004536 0.004537 0.005537	1.33	289.05 287.59 287.48	383.65 371.01	0.27
RIVER-2 RIVER-2	Reach-1 Reach-1	3200.*	Max WS Max WS	384.94	124.90 124.60	127.25	127.28	0.004111	1.34 1.33 1.30	287.48	3/1.01	0.27
RIVER-2	Reach-1	3100 *	Max WS	300.33	124.30	120.99	127.02	0.003933	1.33	290.69 298.41 318.13 333.12 322.78	367.12 369.92 391.85	0.26
RIVER-2	Reach-1 Reach-1 Reach-1	2900 2812.5* 2725.* 2637.5* 2550.* 2462.5*	Max WS Max WS	389 13	124.00	126 51	126.77	0.003003	1.22	318 13	391.85	0.24
RIVER-2	Reach-1	2812 5*	Max WS	390.29	123.52	126.31	126.33	0.003332	1.17	333.12	448.60 489.88 487.94 488.91	0.24
RTVER-2	Reach-1	2725.*	Max WS	391.46	123.52 123.03	126.03	126.05	0.004187	1.17 1.21	322.78	489.88	0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	2637.5*	Max WS Max WS	392.62	122.55 122.07	125.70	125.73	0.005817	1.34 1.37	292.53 287.40	487.94	0.31
RTVFR-2	Reach-1	2550.*	Max WS	393.75	122.07	125.42	125.45	0.006224	1.37	287.40	488.91	0.31
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	2462.5*	Max WS Max WS	394.90	121.58	125.18	125.21	0.004885	1.29 1.28	305.71 309.06 299.82 317.01	473.54 428.86 455.24 513.92	0.28
RIVER-2	Reach-1	2375	Max WS Max WS	396.04	121.10	124.91	124.94	0.004155	1.28	309.06	428.86	0.27
RIVER-2	Reach-1	2279.16*	Max WS	397.29	121.07	124.61	124.64	0.005006	1.33 1.26	299.82	455.24	0.29
RIVER-2	Reach-⊥	2183.33*	Max WS	398.54	121.03 121.00	124.37	124.39	0.004915	1.26	317.01 347.49	513.92	0.28
RIVER-2 RIVER-2	Reach-1	2087.5*	Max WS Max WS	399.78	121.00	124.15	124.17	0.003778	1,13	347.49 254 15	526.54	0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	1991.00*	Max WS Max WS	401.02	120.97	123.00	123.90	0.003612	1.13 1.13	354.15 356.06	537.02	0.23
DTVED-2	Poach-1	2462.5* 2375 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.* 1515.*	Max WS	402.23	120.90	123.02	123.03	0.003512	1.01	400.83	513.32 528.34 535.02 537.92 551.79 524.45 495.07	0.21
RIVER-2 RIVER-2	Reach-1 Reach-1	1705.*	Max WS Max WS	404.70	120.43	123.26	123.28	0.002350	1.01 1.01	402.45	524.45	0.20
RIVER-2		1610.*	Max WS	405.93	119.95	123.06	123.08	0.002493	1.05	402.45 387.09	495.07	0.21
RIVER-2	Reach-1	1515.*	Max WS Max WS	407.14	119.47	122.80	122.82	0.003159	1.15 1.27	355.55		0.23
RIVER-2 RIVER-2	Reach-1	1420	Max WS	408.35	119 00	122.51	122.53	0.003828	1.27	326.31	456.59	0.26
RTVER-2	Reach-1	1324.61*	Max WS	408.35	118.62	122.18	122.20	0.003773	1.26 1.27	328.92	461.75	0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	1229.23*	Max WS	408.32	118.23 117.85	121.85	121.87	0.004002	1.27	324.44	464.55	0.26
RIVER-2	Reach-1	1133.84*	Max WS Max WS	408.30	117.85	121.55	121.57	0.004060	1.27	325.47	468.50	0.26
RIVER-2	Reach-1	1038.46*	Max WS	408.28	117.46	121.21	121.24	0.003778 0.003628 0.003612 0.002533 0.002493 0.003159 0.003828 0.003773 0.004002 0.004021 0.004021 0.004021 0.00403 0.004041 0.004396 0.004396	1.35 1.44	357.05 355.55 326.31 328.92 324.44 325.47 315.01 297.14 286.10	476.71 456.59 461.75 464.55 468.50 480.00 432.49 362.97	0.24 0.25 0.27 0.28 0.27 0.27 0.27 0.27 0.26 0.25 0.24 0.26 0.31 0.31 0.28 0.27 0.29 0.29 0.29 0.29 0.25 0.25 0.25 0.27 0.29 0.25 0.27 0.29 0.28 0.27 0.29 0.28 0.29 0.28
RIVER-2	Reach-1	943.0/6*	Max WS Max WS	408.26	117.08 116.69	120.86 120.51	120.09	0.004422	1.51	286 10	432.43 362 97	0.20
RIVER-2	Keacn-I	047.092* 752.207*	Max WS	406.24 408 21	116 31	120.31	120.34	0.004003	1.62	268.60	311.74	0.28
RIVER-2	Reach-1	732.307" 656 023*	Max WS Max WS	408.21	116.31 115.92	119.77	119 81	0.004396	1.62 1.72	268.60 253.64	283.90	0.29
RIVER-2 RIVER-2	Reach-1	561.538*	Max WS	408.19	115.54	119.44	119.48	0.004308	1.77	246.49	311.74 283.90 258.01	0.29
RIVER-2	Reach-1	466.153*	Max WS	408.19	115.15	119.14	119.18	0.003921 0.003498	1.80	244.15 240.82	234.11	0.28
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1515.* 1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384*	Max WS Max WS	408.17	114.77	139.88 139.53 139.18 138.82 138.36 137.65 135.89 134.91 134.38 133.96 133.55 132.94 132.93 132.03 131.75 131.20 130.58 130.01 129.62 129.38 129.16 128.88 128.65 127.78 127.51 127.25 126.99 126.74 126.51 127.75 126.99 126.74 126.51 127.55 126.99 126.74 126.51 127.78 127.25 126.99 126.74 126.51 127.78 127.25 126.99 126.74 126.51 127.78 127.25 126.99 126.74 126.51 127.78 127.25 126.99 126.74 126.51 127.88 127.78 127.51 127.25 126.99 126.74 126.51 127.51 127.25 126.99 126.74 126.51 127.51 127.25 126.99 126.74 126.51 127.55 128.88 128.88 128.88 128.88 128.88 128.99 126.74 126.51 127.51 127.55 128.99 126.74 126.51 127.51 127.51 127.55 128.88 128.88 128.88 128.88 128.88 128.88 128.88 128.88 128.88 128.88 128.88 129.88 129.88 129.99 120.99 12	118.91	0.003498	1.82	240.82	206.31	0.27
RIVER-2		2731301	Max WS	345.24 346.60 349.37 350.75 353.50 354.88 356.20 357.51 358.84 360.16 361.48 362.80 364.11 365.42 366.49 371.63 372.76 377.86 379.29 380.71.63 371.63 372.76 373.88 374.99 376.49 371.63 372.76 373.88 374.99 376.49 377.86 379.29 380.71 383.53 384.94 387.79 380.71 383.53 384.94 387.79 389.78 399.78 401.02 408.30 408.30 408.30 408.30 408.21 408.30 408.21 408.30 408.21 408.19 408.17 408.17	114.38	118.57	140.03 139.66 139.30 138.93 138.45 136.45 137.36 131.36.45 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.96 132.97 132	0.003389 0.003345	1.93	219.99 161.87	152.91	0.27 0.27
RIVER-2	Reach-1	180	Max WS	317.29	114.00	118.16	118.22	0.003345	1.96	161.87	98.87	0.27

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ETVER-1 Reach-1 326 Max WS 79.26 169.00 170.32 170.41 0.005190 2.46 44.03 111.30 0.46 ETVER-1 Reach-1 325.5 Max WS 78.91 168.75 170.10 170.10 170.10 0.00533 2.31 49.30 113.50 0.43 ETVER-1 Reach-1 325.5 Max WS 90.48 168.00 169.26 169.26 169.40 0.006349 2.58 60.39 1142.38 0.43 ETVER-1 Reach-1 324.5 Max WS 90.48 168.00 169.26 169.26 169.34 0.006212 2.58 60.39 1142.38 0.50 ETVER-1 Reach-1 323.5 Max WS 90.48 167.02 168.68 169.26 169.34 0.006212 2.58 60.39 1142.38 0.50 ETVER-1 Reach-1 323.5 Max WS 90.48 167.02 168.68 169.26 169.34 0.006212 2.58 60.39 1142.38 0.50 ETVER-1 Reach-1 323.5 Max WS 90.48 167.02 168.68 169.26 169.34 0.006212 2.58 60.39 1142.38 0.50 ETVER-1 Reach-1 320 Max WS 90.84 167.02 168.68 169.26 169.34 0.006212 3.58 60.39 1142.38 0.50 ETVER-1 Reach-1 310.00 Max WS 103.66 166.00 167.84 169.26 169.34 0.006314 3.63 3.63 3.64 19.24 19.00 10.53 ETVER-1 Reach-1 319.8 Max WS 103.65 166.00 167.86 169.50 169.79 0.003138 1.30 79.79 161.75 0.50 ETVER-1 Reach-1 318.8 Max WS 103.65 166.00 167.16 169.50 169.79 0.003138 1.30 79.79 161.75 0.33 ETVER-1 Reach-1 317.8 Max WS 103.65 166.00 167.16 169.50 169.79 0.003138 1.30 79.79 161.75 0.33 ETVER-1 Reach-1 311.8 Max WS 103.65 166.00 167.16 169.50 166.95 166.71 0.00248 1.21 86.18 166.78 0.00548 1.21 0.00548							Ki	teCreek.rep						
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	326		79.26	169.00	170.32	•	170.41	0.005190	2.46	44.03	111.30	0.46
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	325.5*	Max WS	78.91	168.75	170.10		170.17	0.004553	2.31	49.30	123.58	0.43
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	325.*	Max WS	87.93	168.50	169.84		169.92	0.005493	2.51	52.98	134.01	0.47
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	324.5*	Max WS	90.65	168.25	169.56		169.64	0.006349	2.64	53.31	142.38	0.51
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	324	Max WS	90.48	168.00	169.26		169.34	0.006271	2.58	60.39		0.50
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	323.*	Max WS	90.84	167.02	168.68		168.83	0.006612	3.13	33.28	64.10	0.53
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	RIVER-1	Reach-1	322	Max WS	91.01	166.04	167.84		168.06	0.009514	3.79	24.02	21.97	0.64
RIVER-1 Reach-1 318. Max ws 104.07 165.00 166.95 1166.07 0.003128 1.70 79.79 161.75 0.33 RIVER-1 Reach-1 317.* Max ws 104.07 165.00 166.69 166.77 0.003128 1.21 86.18 166.71 0.30 RIVER-1 Reach-1 315.* Max ws 104.07 165.00 166.17 166.23 0.007163 1.97 53.06 106.68 0.48 RIVER-1 Reach-1 315.* Max ws 106.50 164.50 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.52 165.58 0.005967 1.83 58.20 114.25 0.45 RIVER-1 Reach-1 313.* Max ws 108.31 164.00 165.10 165.14 0.002540 1.63 73.12 221.23 0.32 RIVER-1 Reach-1 313.* Max ws 109.44 163.50 164.77 164.84 0.004285 2.15 62.08 206.94 0.42 RIVER-1 Reach-1 311.* Max ws 110.62 163.00 164.47 164.50 0.003282 1.85 111.68 339.80 0.56 RIVER-1 Reach-1 311.* Max ws 111.93 162.50 163.92 164.03 0.009185 2.99 60.97 198.45 0.60 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 113.31 162.00 163.49 163.52 0.002331 1.80 108.23 220.91 0.32 RIVER-1 Reach-1 309.* Max ws 115.13 159.76 162.34 162.34 162.40 0.002682 2.16 163.05 1.003282 1.85 111.68 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 308. Max ws 116.13 159.76 162.34 162.40 0.002682 2.01 65.12 93.76 0.44 RIVER-1 REACH-1 306. Max ws 116.13 159.00 161.39 162.00 161.39 162.02 0.002812 1.85 77 162.24 87 162.04 0.002682 2.88 47.48 47	KIVER-I	Reach-1	320	Max WS	103.62	166.00	167.37		107.43	0.006043	2.83	86.19	242.38	0.50
RTVFR-1 Reach-1 290.61 Bridge	KIVER-I	Reacii-1	319.^	Max WS	103.00	166.00	166.05		167.19	0.002450	1.45	94.28	345.12 161 75	0.31
RTVFR-1 Reach-1 290.61 Bridge	KIVER-I	Reach-1	310 317 *	Max WS	103.03	165.00	100.93		166.37	0.003548	1.30	79.79	101.73	0.33
RTVFR-1 Reach-1 290.61 Bridge	KIVER-I	Reach-1	31/." 216	Max WS	104.07	165.30	166.09		166.71	0.002346	1 07	00.10	100./1	0.30
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reacti-1	215 *	Max WS	104.09	164 50	165 52		165.23	0.007103	1.97	52.00	114 25	0.49
RTVFR-1 Reach-1 290.61 Bridge	DIVED-1	Paach-1	314	Max WS	108.30	164.00	165.32		165 14	0.003507	1.63	73 12	221 23	0.43
RTVFR-1 Reach-1 290.61 Bridge	DTVED_1	Paach-1	313 *	May WS	100.31	163 50	164 77		164 84	0.002340	2 15	62.08	206.94	0.32
RTVFR-1 Reach-1 290.61 Bridge	RTVER-1	Reach-1	312	Max WS	110.62	163.00	164.47		164.50	0.003282	1.85	111.68	339.80	0.36
RTVFR-1 Reach-1 290.61 Bridge	RTVFR-1	Reach-1	311.*	Max WS	111.93	162.50	163.92		164.03	0.009185	2.99	60.97	198.45	0.60
RTVFR-1 Reach-1 290.61 Bridge	RTVFR-1	Reach-1	310	Max WS	113.31	162.00	163.49		163.52	0.002331	1.80	108.23	220.91	0.32
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	309.*	Max WS	114.46	161.26	162.91		163.06	0.009487	3.06	37.37	47.83	0.61
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	308	Max WS	115.54	160.51	162.52		162.55	0.001351	1.41	110.51	156.64	0.24
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	307.*	Max WS	116.13	159.76	162.34		162.40	0.002687	2.01	65.21	93.76	0.34
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	306	Max WS	116.71	159.00	161.90		162.02	0.006282	2.81	41.48	43.46	0.51
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	305.*	Max WS	118.01		161.38		161.48	0.005316	2.48	47.60	53.99	0.47
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1		304	Max WS	118.43	159.00	161.07		161.12	0.002921	1.85	71.89	316.24	0.35
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	303.*	Max WS	119.32	158.75	160.89		160.93	0.001723	1.79	89.70	156.65	0.28
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	302	Max WS	120.32	158.50	160.76		160.80	0.001359	1.97	107.72	147.05	0.26
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	301.*	Max WS	121.27	158.25	160.61		160.67	0.001865	2.24	95.49	168.50	0.30
RTVFR-1 Reach-1 290.61 Bridge	RIVER-I	Reach-1	300	Max WS	122.20	158.00	160.43		160.30	0.002316	2.43	92.47	213.76	0.33
RTVFR-1 Reach-1 290.61 Bridge	RIVER-I	Reach-1	299.^	Max WS	122.97	158 62	160.22		160.26	0.003026	2.02	107.50	140.30	0.30
RTVFR-1 Reach-1 290.61 Bridge	DTVED-1	Paach-1	297 *	May WS	121 99	158 31	159 82		159.86	0.002323	1.90	121 19	215.06	0.30
RTVFR-1 Reach-1 290.61 Bridge	PTVFP-1	Reach-1	296	May WS	120.93	158 00	159.73		159.74	0.001377	0.88	255.39		0.14
RTVFR-1 Reach-1 290.61 Bridge	RTVER-1	Reach-1	295.*	Max WS	119.94	158.01	159.65		159.67	0.001049	1.35	153.99	340.69	0.22
RTVFR-1 Reach-1 290.61 Bridge	RTVFR-1	Reach-1	294	Max WS	125.51	158.01	159.56		159.57	0.000929	1.22	154.62	248.38	0.20
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	293.*	Max WS	125.25	157.51	159.48		159.50	0.000575	1.10	170.87	175.17	0.17
RTVFR-1 Reach-1 290.61 Bridge	RIVER-1	Reach-1	202	Max WS	125.00	157.00	159.43		159.44	0.000492	1.19	166.14	128.12	0.16
RTVFR-1 Reach-1 290.61 Bridge			291.5	Max WS	124.92	157.00	159.31		159.39	0.002513	2.37	63.88	50.34	0.35
RIVER-1 Reach-1 290.61 Bridge RIVER-1 Reach-1 289.32 Max WS 130.54 157.00 158.53 158.72 0.006291 3.46 37.76 29.21 0.54 RIVER-1 Reach-1 288.66* Max WS 127.19 156.50 158.07 158.27 0.008426 3.59 35.47 32.64 0.61 RIVER-1 Reach-1 288 Max WS 126.10 156.00 157.89 157.89 0.000366 0.89 248.89 293.44 0.13 RIVER-1 Reach-1 287.* Max WS 125.65 156.00 157.83 157.84 0.000772 1.30 185.85 289.45 0.19 RIVER-1 Reach-1 286 Max WS 125.52 156.00 157.75 157.76 0.001080 1.53 167.33 275.30 0.23 RIVER-1 Reach-1 285.* Max WS 125.69 155.50 157.53 157.65 0.004107 2.71 46.47 46.38 0.43 RIVER-1 Reach-1 284 Max WS 125.83 155.00 157.24 157.33 0.002594 2.37 53.14 37.52 0.35 RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	RIVER-1	Reach-1	290.62	Max WS	124.86	157.00	159.11	158.01	159.18	0.001868	2.25	55.40	32.63	0.30
RIVER-1 Reach-1 289.32 Max WS 130.54 157.00 158.53 158.72 0.006291 3.46 37.76 29.21 0.54 RIVER-1 Reach-1 288.66* Max WS 127.19 156.50 158.07 158.27 0.008426 3.59 35.47 32.64 0.61 RIVER-1 Reach-1 288 Max WS 126.10 156.00 157.89 157.89 0.000366 0.89 248.89 293.44 0.13 RIVER-1 Reach-1 287.* Max WS 125.65 156.00 157.83 157.84 0.000772 1.30 185.85 289.95 0.19 RIVER-1 Reach-1 286 Max WS 125.52 156.00 157.75 157.76 0.001080 1.53 167.33 275.30 0.23 RIVER-1 Reach-1 285.* Max WS 125.69 155.50 157.53 157.65 0.004107 2.71 46.47 46.38 0.43 RIVER-1 Reach-1 284 Max WS 125.83 155.00 157.24 157.33 0.002594 2.37 53.14 37.52 0.35 RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	RIVER-1	Reach-1	290.61		Bridge				450 50		2 46		20.21	0.54
RIVER-1 Reach-1 288.66* Max WS 127.19 156.50 158.07 158.27 0.008426 3.59 35.47 32.64 0.61 RIVER-1 Reach-1 288 Max WS 126.10 156.00 157.89 157.89 0.000366 0.89 248.89 293.44 0.13 RIVER-1 Reach-1 287.* Max WS 125.65 156.00 157.83 157.84 0.000772 1.30 185.85 289.95 0.19 RIVER-1 Reach-1 286 Max WS 125.52 156.00 157.75 157.76 0.001080 1.53 167.33 275.30 0.23 RIVER-1 Reach-1 285.* Max WS 125.69 155.50 157.53 157.65 0.004107 2.71 46.47 46.38 0.43 RIVER-1 Reach-1 284 Max WS 125.83 155.00 157.24 157.33 0.002594 2.37 53.14 37.52 0.35 RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	RIVER-1	Reach-1	289.32	Max WS	130.54	157.00	158.53		158.72	0.006291	3.46	37.76	29.21	0.54
RIVER-1 Reach-1 288 Max WS 126.10 156.00 157.89 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 293.49 0.15 157.89 0.000366 0.89 248.89 293.44 0.15 293.49 0.15 29	RIVER-1	Reach-1	288.66*	Max WS	127.19	156.50	158.07		158.27	0.008426	3.59	35.47	32.64	0.01
RIVER-1 Reach-1 287." Max WS 125.52 156.00 157.83 157.64 0.0007/2 1.30 163.63 263.93 0.123 157.67 157.64 0.0007/2 1.30 163.63 263.93 0.123 157.65 0.001080 1.53 167.33 275.30 0.23 157.65 0.001080 1.53 167.33 275.30 0.23 157.65 0.004107 2.71 46.47 46.38 0.43 167.65 0.004107 2.71 46.47 46.38 167.65 0.004107 2.71 46.47 46.38 167.65 0.004107 2.71 46.47 46.38 167.65 0.004107 2.	RIVER-1	Reach-1	288	Max WS	126.10	156.00	157.89		157.89	0.000366	0.89	248.89 10F 0F	293.44	0.13
RIVER-1 Reach-1 285.* Max WS 125.69 155.50 157.53 157.60 0.004107 2.71 46.47 46.38 0.43 RIVER-1 Reach-1 284 Max WS 125.83 155.00 157.24 157.33 0.002594 2.37 53.14 37.52 0.35 RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	KIVER-I	Reach 1	287."	Max WS	123.03	156.00	157.63		157.04	0.000772	1.30	167 33	275 30	0.13
RIVER-1 Reach-1 284 Max WS 125.83 155.00 157.24 157.33 0.002594 2.37 53.14 37.52 0.35 RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	KIVER-I	Reach 1	200 *	Max WS	125.52	155.00	157.73		157.76	0.001080	2.71	46 47	46 38	0.23
RIVER-1 Reach-1 283.* Max WS 126.11 154.75 156.91 157.03 0.003664 2.76 45.71 33.19 0.41	RIVER-1	Paach-1	284	Max WS	125.03	155.00	157 24		157.33	0.002594	2.37	53.14	37.52	0.35
	RTVER-1	Reach-1	283 *	Max WS	126.11	154 75	156.91		157.03	0.003664	2.76	45.71	33.19	0.41
RIVER-1 Reach-1 282 Max WS 126.35 154.50 156.61 156.73 0.003461 3.10 61.17 82.00 0.41	PTVEP_1	Reach-1	282	Max WS	126.35	154.50	156.61		156.73	0.003461	3.10	61.17	82 00	0.41
RIVER-1 Reach-1 281.* Max WS 126.67 154.25 156.15 156.35 0.005227 3.53 38.53 60.49 0.50 RIVER-1 Reach-1 280 Max WS 127.02 154.00 155.70 155.88 0.005499 3.45 36.81 25.39 0.51 RIVER-1 Reach-1 279.* Max WS 127.42 153.25 155.34 155.47 0.003622 2.99 42.63 26.88 0.42	RTVFR-1	Reach-1	281.*	Max WS	126.67	154.25	156.15		156.35	0.005227	3.53	38.53	60.49	0.50
RIVER-1 Reach-1 281.* Max WS 126.67 154.25 156.15 156.35 0.005227 3.53 38.53 60.49 0.50 RIVER-1 Reach-1 280 Max WS 127.02 154.00 155.70 155.88 0.005499 3.45 36.81 25.39 0.51	RTVER-1	Reach-1	280	Max WS	127.02	154.00	155.70		155.88	0.005499	3.45	36.81	25.39	0.51
RIVER-1 Reach-1 280 Max WS 127.02 154.00 155.70 155.88 0.005499 3.45 36.81 25.39 0.51 RIVER-1 Reach-1 279.* Max WS 127.42 153.25 155.34 155.47 0.003622 2.99 42.63 26.88 0.42	RIVER-1	Reach-1	279.*	Max WS	127.42	153.25	155.34		155.47	0.003622	2.99	42.63	26.88	0.42
RIVER-1 Reach-1 282 Max WS 126.35 154.50 156.61 166.73 0.003461 3.10 61.17 82.00 0.41 RIVER-1 Reach-1 281.* Max WS 126.67 154.25 156.15 156.35 0.005227 3.53 38.53 60.49 0.50 RIVER-1 Reach-1 280 Max WS 127.02 154.00 155.70 155.88 0.005499 3.45 36.81 25.39 0.51 RIVER-1 Reach-1 279.* Max WS 127.42 153.25 155.34 155.47 0.003622 2.99 42.63 26.88 0.42 RIVER-1 Reach-1 278 Max WS 127.76 152.50 155.05 155.17 0.002525 2.70 47.26 26.99 0.35 RIVER-1 Reach-1 277.* Max WS 137.54 152.45 154.69 154.84 0.003789 3.02 45.99 34.14 0.43 RIVER-1 Reach-1 276 Max WS 137.80 152.40 154.25 154.84 0.003789 3.02 45.99 34.14 0.43 RIVER-1 Reach-1 276 Max WS 137.80 152.40 154.25 154.84 0.005146 3.36 45.76 63.50 0.49 RIVER-1 Reach-1 275.* Max WS 138.05 151.90 153.96 154.02 0.003099 1.84 74.91 74.45 0.32 RIVER-1 Reach-1 274 Max WS 138.05 151.40 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.24 151.40 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.24 151.40 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.70 153.73 0.002581 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.90 15	RIVER-1	Reach-1	278	Max WS	127.76	152.50	155.05		155.17	0.002525	2.70	47.26	26.99	0.41 0.50 0.51 0.42 0.35 0.43 0.49 0.32 0.28 0.26 0.17 0.26 0.41
RIVER-1 Reach-1 277.* Max WS 137.54 152.45 154.69 154.84 0.003789 3.02 45.99 34.14 0.43 RIVER-1 Reach-1 276 Max WS 137.80 152.40 154.25 154.42 0.005146 3.36 45.76 63.50 0.49	RIVER-1	Reach-1	277.*	Max WS	137.54	152.45	154.69		154.84	0.003789	3.02	45.99	34.14	0.43
RIVER-1 Reach-1 277.* Max WS 137.54 152.45 154.69 154.84 0.003789 3.02 45.99 34.14 0.43 RIVER-1 Reach-1 276 Max WS 137.80 152.40 154.25 154.42 0.005146 3.36 45.76 63.50 0.49 RIVER-1 Reach-1 275.* Max WS 138.05 151.90 153.96 154.02 0.003099 1.84 74.91 74.45 0.32 RIVER-1 Reach-1 274 Max WS 138.05 151.90 153.70 153.73 0.002881 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 273.* Max WS 138.09 151.30 153.44 153.47 0.002588 1.35 102.34 125.50 0.26 RIVER-1 Reach-1 273.* Max WS 138.09 151.30 153.44 153.47 0.002588 1.35 102.34 125.50 0.26	RIVER-1	Reach-1	276	Max WS	137.80	152.40	154.25		154.42	0.005146	3.36	45.76	63.50	0.49
RIVER-1 Reach-1 275.* Max WS 138.05 151.90 153.96 154.02 0.003099 1.84 74.91 74.45 0.32 RIVER-1 Reach-1 274 Max WS 138.24 151.40 153.70 153.73 0.002881 1.50 92.21 101.01 0.28	RIVER-1	Reach-1	275.*	Max WS	138.05	151 90	153.96		154.02	0.003099	1.84	/4.91 02 21	/4.45 101 01	0.32
RIVER-1 Reach-1 274 Max WS 138.24 151.40 153.70 153.73 0.002881 1.50 92.21 101.01 0.28 RIVER-1 Reach-1 273.* Max WS 138.09 151.30 153.44 153.47 0.002588 1.35 102.34 125.50 0.26 RIVER-1 Reach-1 272 Max WS 138.05 151.20 153.29 153.30 0.001063 0.99 153.16 220.37 0.17	RIVER-1	Reach-1	274	Max WS	138.24	151.40	153.70		153./3	0.002688	1.30	92.21 102.21	101.01	0.26
RIVER-1 Reach-1 273.* Max WS 138.09 151.30 153.44 153.47 0.002588 1.35 102.34 125.50 0.26 RIVER-1 Reach-1 272 Max WS 138.05 151.20 153.29 153.30 0.001063 0.99 153.16 220.37 0.17 RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26	RIVER-1	Reach-1	2/3.**	Max WS	138.09	151.30	153.44 152.20		153.4/ 153.30	0.002388	0.00	102.34 153.16	220.30	0.20
RIVER-1 Reach-1 272 Max WS 138.05 151.20 153.29 153.30 0.001063 0.99 153.16 220.37 0.17 RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 11.38 11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 11.38 11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 11.38 11 150.85 153.11 150.85 150.	KIVER-1	Keach-I	2/2 271 *	Max WS	138.U3 120 11	151.20	153.49		153.30	0.001003	1 36	101 18	115.53	0.26
RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 RIVER-1 Reach-1 270 Max WS 138.22 150.50 152.63 152.72 0.005977 2.39 57.88 54.39 0.41	KIVER-I	Reach-1	2/1.°	Max WS	138.11	150.65	152 63		152.72	0.002321	2.39	57.88	54.39	0.41
RIVER-1 Reach-1 272 Max WS 138.05 151.20 153.29 153.30 0.001063 0.99 153.16 220.37 0.17 RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 RIVER-1 Reach-1 270 Max WS 138.12 150.50 152.63 152.72 0.005977 2.39 57.88 54.39 0.41 RIVER-1 Reach-1 269.* Max WS 138.54 150.12 152.11 152.19 0.004829 2.26 61.33 53.33 0.37 0.37 0.37 0.37 0.37 0.37 0.37	KTAEK-T	Reach-1	270 269 *	Max WS	138 54	150.30	152.11		152.19	0.004829	2.26	61.33	53.33	0.37
RIVER-1 Reach-1 269.* Max WS 138.54 150.12 152.11 152.19 0.004829 2.26 61.33 53.33 0.37 RIVER-1 Reach-1 268 Max WS 138.51 149.75 151.61 151.72 0.004583 2.70 51.23 32.15 0.38 RIVER-1 Reach-1 267.265* Max WS 138.51 149.43 151.29 151.41 0.004096 2.80 49.46 31.78 0.40		Reach-1	268	Max WS	138.51	149.75	151.61		151.72	0.004583	2.70	51.23	32.15	0.38
RIVER-1 Reach-1 273.* Max WS 138.09 151.30 153.44 153.47 0.002386 1.33 102.34 123.30 0.26 RIVER-1 Reach-1 272 Max WS 138.05 151.20 153.29 153.30 0.001063 0.99 153.16 220.37 0.17 RIVER-1 Reach-1 271.* Max WS 138.11 150.85 153.11 153.13 0.002521 1.36 101.18 115.53 0.26 RIVER-1 Reach-1 270 Max WS 138.22 150.50 152.63 152.72 0.005977 2.39 57.88 54.39 0.41 RIVER-1 Reach-1 269.* Max WS 138.54 150.12 152.11 152.19 0.004829 2.26 61.33 53.33 0.37 RIVER-1 Reach-1 268 Max WS 138.51 149.75 151.61 151.72 0.004583 2.70 51.23 32.15 0.38 RIVER-1 Reach-1 267.265* Max WS 138.51 149.43 151.29 151.41 0.004096 2.80 49.46 31.78 0.40		Reach-1	267.265*		138.51	149.43	151.29		151.41	0.004096	2.80	49.46	31.78	0.40

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RIVER-1	Poach-1	266 53	Max WS	138 50	149.10	151 03 K1	teCreek.rep 150.17	151.15	0.003100	2.76	50.21	31.99	0.39
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	266.53 266.52 265.05 264.033* 263.016* 262 261.*	Max W3	Bridge		131.03	130.17	131.13	0.003100	2.70	30.21	31.33	0.33
RIVER-1	Reach-1	265.05	Max WS	138.50	148.65 148.24 147.84 147.43 146.71	150.55		150.67	0.003349 0.004531 0.007429 0.002111 0.008518 0.004209 0.007112 0.003370 0.003260 0.006958 0.007265 0.007408 0.012366 0.003847 0.003545 0.002891 0.003645 0.003515 0.005138 0.001200 0.004579 0.004242 0.003178 0.003467 0.003467 0.003467 0.003467 0.003467 0.003467 0.004242 0.003178 0.004242 0.003178 0.004242 0.003178	2.84	48.69 49.75 48.75 48.82 113.08 48.80 83.47 55.21 99.97 99.19 66.14 65.22 64.05 51.98 89.95 91.27 112.14 92.12 76.22 94.90 175.94 73.03 87.25 94.65 107.20 95.70 111.08	31.37	0.40
RIVER-1	Reach-1	264.033*	Max WS	138.50	148.24	150.23		150.35	0.004531	2.78	49.75	37.58	0.43
RIVER-1	Reach-1	263.016*	Max WS	138.37	147.84	149.79		149.91	0.007429	2.85	48.52	44.92	0.48
RIVER-1	Reach-1	262	Max WS	138.27	147.43	149.51		149.54	0.002111	1.55	113.08	158.91	0.25
RIVER-1	Reach-1	261.*	Max WS	138.52	146.71	148.87		149.00	0.008518	2.88	48.80	48.84	0.49
RIVER-1	Reach-1	260	Max WS	138.//	146.00	148.29		148.35	0.004209	2.84 2.78 2.85 1.55 2.88 2.10 2.61 1.80 2.02 3.04	83.47	164.09	0.34
RIVER-1	Reach-1	259.*	Max WS	138.80	146.00	147.78		147.89	0.00/112	2.61	55.ZI	67.90	0.45
RIVER-1	Reach-1	250 257 *	Max WS	130.03	146.00	147.40		147.30	0.003360	2.00	99.97	171.01	0.31
DTVED_1	Paach-1	256	May WS	130.34	145.50	146 71		146 81	0.003200	3.04	66 14	104 68	0.31
RTVER-1	Reach-1	260 259.* 258 257.* 256 255.*	Max WS	146.74	144 50	146.18		146.28	0.007265	3.03	65 22	93 94	0.40
RIVER-1	Reach-1	254	Max WS	146.86	144.00	145.63		145.73	0.007408	2.95	64.05	90.11	0.47
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	253.* 253.* 253.* 252 251.* 250 249.*	Max WS	146.98	143.00	144.81		144.99	0.012366	3.03 2.95 3.70 2.36 2.15	51.98	94.13	0.60
RIVER-1	Reach-1	252	Max WS	147.00	142.00	144.31		144.37	0.003847	2.36	89.95	147.12	0.34
RIVER-1	Reach-1	251.*	Max WS	147.21	141.75	143.89		143.94	0.003582	2.15	91.27	139.31	0.33
RIVER-1	Reach-1	250	Max WS	147.31	141.50	143.57		143.62	0.002891	1.93	112.14	296.28	0.29
RIVER-1	Reach-1	249.*	Max WS	147.31	141.25	143.33		143.39	0.003645	2.03	92.12	241.54	0.33
RIVER-1	Reach-1	248 247 *	Max WS	147.43	141.00	143.01		143.07	0.005313	2 20	94 90	03.32 270 43	0.32
DTVED-1	Reach-1	246	Max WS	147.47	140.73	142.02		142.03	0.003130	1 25	175 94	268 29	0.30
RTVFR-1	Reach-1	245.*	Max WS	147.68	139.75	142.10		142.19	0.004579	2.72	73.03	99.97	0.38
RIVER-1	Reach-1	249. * 248 247. * 246 245. * 244 243. * 242 241. *	Max WS	147.78	146.00 146.00 146.00 145.50 145.50 144.00 143.00 141.75 141.50 141.75 141.50 140.75 149.50 139.75 139.00 139.50 140.00	141.80		141.88	0.004242	1.94 2.29 1.25 2.72 2.84 2.23 1.92 2.22 1.88	87.25	143.57	0.36
RIVER-1	Reach-1	243.*	Max WS	147.84	139.50	141.59		141.65	0.003178	2.23	94.65	152.60	0.31
RIVER-1	Reach-1	242	Max WS	147.90	140.00	141.39		141.44	0.003467	1.92	107.20	209.94	0.32
RIVER-1	Reach-1	241.*	Max WS	148.01	139.50 139.00	141.05		141.10	0.004882	2.22	95.70	191.13	0.37
RIVER-1	Reach-1	240	Max WS	148.14	139.00	140.76		140.79	0.002703	1.88	111.08	149.59	0.28
RIVER-1	Reach-1	239.^	Max WS	140.29	130.30	140.32		140.33	0.002809	1.64 1.74	110.17	191.33	0.20
RIVER-1 RIVER-1	Reach-1	239. * 238. 237. 25* 236. 5 235. 85 235. 84 235. 23 234. 153* 233. 076* 232 231. * 239. * 229. * 228 227. *	MAX WS MAX WS	130.41	138.50 138.00 137.62 137.25 136.60	150.55 150.23 149.79 149.51 148.87 148.29 147.78 147.17 146.71 146.71 145.63 144.81 143.89 143.57 143.33 143.01 142.62 142.35 142.10 141.59 141.59 141.39 141.39 141.39 141.39 141.39 141.39 141.39 141.39 141.39 141.39		150.67 150.35 149.91 149.54 149.00 148.35 147.89 147.22 146.81 146.81 146.83 144.94 143.62 143.69 144.97 143.69 142.69 142.69 142.19 141.65 141.65 141.44 141.65 141.65 141.65 141.65 141.88	0.004113	1.21	116.17 109.48 146.93 46.17 57.01	31.37 37.58 44.92 158.91 48.84 164.09 67.90 171.81 176.54 104.68 93.94 90.11 94.13 147.12 139.31 296.28 241.54 83.32 270.43 268.29 99.97 143.57 152.60 209.94 191.13 149.59 191.35 234.43 256.79 167.70	0.40 0.48 0.25 0.34 0.31 0.31 0.47 0.60 0.33 0.23 0.33 0.23 0.33 0.32 0.38 0.39 0.38 0.39 0.38 0.39 0.31 0.31
RTVFR-1	Reach-1	236.5	Max WS	148.31	137.25	139.29	139.07	139.48	0.018541	1.21 3.54	46.17	167.70	0.69
RIVER-1	Reach-1	235.85	Max WS Max WS	148.29	136.60	138.75	139.07 137.72	138.86	0.002425	2.60	57.01	32.93	0.35
RIVER-1	Reach-1	235.84		Bridge									
RIVER-1	Reach-1	235.23	Max WS	148.29	136.10	138.72		138.78	0.001190	2.03	72.99	35.72	0.25
RIVER-1	Reach-1	234.153*	MAX WS MAX WS	148.13	135.73	138.61		138.69	0.001617	2.03 2.28 2.64 4.54 3.13 0.98 1.35 1.85 1.72 2.86 3.41 2.53 3.41 2.53	72.99 64.98 64.42 34.38 89.63 289.87 237.59 182.48 171.65 92.19 93.26 88.26 91.47 125.90 119.58 94.44 105.39 237.11 240.17 237.82	29.81	0.27
RIVER-1	Reach-1	233.076*	Max WS	144.58	135.37	138.51	137.18	138.62	0.002430	2.64	64.42	1/6.99	0.30
RIVER-1	Reach-1	∠3∠ 221 *	Max WS	140.33	135.00	130.03	137.10	130.33	0.009636	3 13	34.30 89.63	408 25	0.33
PTVER-1	Peach-1	230	Max WS	148 10	135.00	137.71		137.62	0.000467	0.98	289.87	489.76	0.12
RTVER-1	Reach-1	229.*	Max WS	156.73	134.50	137.54		137.56	0.000743	1.35	237.59	438.65	0.16
RIVER-1	Reach-1	228	Max WS	156.93	134.00	137.43		137.46	0.001237	1.85	182.48	419.05	0.20
RIVER-1	Reach-1	227.*	Max WS	157.15	133.85	137.32		137.35	0.001307	1.71	171.65	350.55	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	227.* 226 225.* 224 223.* 222 221.* 220 219.*	Max WS	157.36	133.70	136.99		137.09	0.005879	2.72	92.19	278.01	0.41
RIVER-1	Reach-1	225.*	Max WS	157.48	133.48	136.67		136.//	0.005001	2.86	93.26	2/3.06	0.39
RIVER-1	Reach-1	224	Max WS	157.59	133.25	136.33		136.46	0.005643	3.33	00.20 01.47	250.36	0.42
RIVER-1	Reach-1	223."	Max WS	157.70	133.12	133.90		130.00	0.003992	2 53	125 90	261 74	0.73
RIVER-1 RIVER-1	Reach-1	222 221 *	Max WS	157.04	132.70	135.71		135.57	0.003104	2.74	119.58	274.50	0.33
RTVER-1	Reach-1	220	Max WS	156.85	132.40	135.23		135.36	0.005300	3.47 2.69 1.24 1.13	94.44	302.83	0.41
RIVER-1	Reach-1	219.*	Max WS	154.04	131.80	135.09		135.17	0.002570	2.69	105.39	243.53	0.30
RIVER-1	Reach-1	218 217.*	Max WS	153.78	131.20	135.07		135.08	0.000437	1.24	237.11	342.67	0.12
RIVER-1	Reach-1	217.*	Max WS	153.71	131.98	135.04		135.05	0.000457	1.13	240.17	324.02	0.13
RIVER-1	Reach-1	216 215.*	Max WS	153.69	132.75	135.00		135.00	0.000512	0.98 1.30	237.82	306.68	0.13
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	215.*	Max WS	138.50 Bridge 138.50 138.50 138.57 138.57 138.57 138.77 138.80 138.80 138.89 146.74 146.98 147.01 147.31 147.31 147.47 147.57 147.68 147.47 147.78 147.47 147.57 148.01 148.14 148.29 148.31 148.29 148.31 148.29 148.31 148.31 148.29 153.78 157.78 157.78 157.78 157.78 157.78 157.78 157.79 157.70 157.79 157.70 157.79 157.70 157.79	136.10 135.73 135.37 135.00 135.00 135.00 134.50 134.50 133.85 133.70 133.85 133.70 133.48 133.25 133.12 133.12 133.12 132.70 132.40 131.98 132.75 132.62 131.88	138.72 138.61 138.51 137.71 137.61 137.54 137.32 136.99 136.67 135.71 135.70 135.71 135.04 135.07 135.04 134.92 134.92 134.90 134.74		138.78 138.69 138.62 137.83 137.62 137.56 137.46 137.35 137.09 136.77 136.76 135.76 135.76 135.76 135.76 135.77 135.36 135.76 135.08 135.08 135.00 134.97 134.93 134.91 134.96	0.001190 0.001617 0.002430 0.009856 0.005094 0.000467 0.001237 0.001307 0.005879 0.005001 0.005643 0.005992 0.003104 0.003358 0.005300 0.002570 0.000457 0.000457 0.000457 0.000837 0.000837 0.000270 0.0001741	0.76	193.U3 304.36	35.72 29.81 176.99 120.19 408.25 489.76 438.65 419.05 350.55 278.01 273.06 260.58 258.40 261.74 274.50 302.83 342.67 324.02 306.68 257.36 304.13 235.49	0.25 0.27 0.30 0.55 0.40 0.12 0.16 0.21 0.41 0.33 0.42 0.43 0.33 0.41 0.33 0.12 0.12 0.13
KIVER-1	Keach-1	214 213.*	Max WS Max WS Max WS	105.27 101 00	132.3U 121 00	134.94		134.93	0.000270	0.70	304.36 342.06 48.66	235 49	0.10
KTAFK-T	Keacn-1	213.° 212	Max WS	181 83	131.00	134.50		134.96	0.001741	0.83 3.74	48.66	187.41	0.34
RTVER-1	Reach-1	211.94	IVIAN VAS	Culvert									
RIVER-1	Reach-1	184.5	Max WS	134.72	126.00	129.08		129.25	0.002220	3.36	40.52	366.78	0.36 0.08
RIVER-1	Reach-1	184.25*	Max WS Max WS	134.68	126.00	129.10		129.10	0.000127	0.75	377.38	368.52	0.08
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	184	Max WS	331.56	126.00 126.00 126.00 126.00	129.08 129.10 129.06 128.93		129.25 129.10 129.09 129.01	0.002220 0.000127 0.000767 0.002444	3.36 0.75 1.90 3.04	40.52 377.38 368.39 193.89	366.78 368.52 363.49 185.16	0.21 0.33
RIVER-1	Reach-1	213. " 212 211. 94 184. 5 184. 25* 184 183. *	Max WS	335.85	126.00	128.93		129.01	0.002444	3.04	193.89	182.10	0.33

						Kitacaali a						
RIVER-1	Reach-1	100	Max WS	335.82	126.00	KiteCreek.r 128.84	ер 128.88	0.001401	2.17	226 10	182.94	0.23
RIVER-1	Reach-1	182 181.*	Max WS Max WS	337.05	126.00	400 00	128.00	0.001491 0.002102	2.40	236.18 212.44	191.96	0.23 0.28
RIVER-1	Reach-1	180	Max WS	338 28	126.00	128.66 128.42 128.17 128.04 127.87 127.53 127.26 127.03 126.91 126.87 126.78	128.71 128.48 128.23	0.002102	2.53	214 66	275 55	0.20
RIVER-1	Reach-1	180 179.*	Max WS	373.49	125.00	128.17	128.23	0.002835 0.002693	2.68	214.66 246.15	275.55 334.30	0.31 0.31
RIVER-1	Reach-1	178	Max WS	373.70	124.00	128.04	128.06	0.000845	1.61	405.60	424.17 422.56 425.52	0.17 0.22 0.35 0.39 0.36
RIVER-1	Reach-1	178 177.*	Max WS	375.19	124.00	127.87	127.91	0.001395	2.12	339.74	422.56	0.22
RIVER-1 RIVER-1	Reach-1 Reach-1	176	Max WS	376.63	124.00	127.53	127.61	0.003428	3.16	339.74 245.38	425.52	0.35
RIVER-1	Reach-1	176 175.*	Max WS	381.71	123.50	127.26	127.38	0.004273	3.53	220 43	433.06 546.71	0.39
RTVFR-1	Reach-1	174	Max WS	380.50	123.00	127.03	127.13	0.003676	3.30	244.51	546.71	0.36
RIVER-1	Reach-1	174 173.*	Max WS	379.04	123.50	126.91	126.95	0.002635 0.000845 0.001395 0.003428 0.004273 0.003676 0.001983	2.32	244.51 354.89	614.20 737.68	0.26
RIVER-1	Reach-1 Reach-1	172 171.*	Max WS Max WS	378.81	124.00	126.87	126.87	0.000521	1.14	612 02	737.68	ለ 13
RIVER-1 RIVER-1	Reach-1	171.*	Max WS	378.73	124.00	126.78	126.79	0.000913	1.48	518.93	767.76	0.18
RIVER-1	Reach-1	170 169.*	Max WS	338.28 373.49 373.70 375.19 376.63 381.71 380.50 379.04 378.81 378.73 378.60 377.81	124.00	126.76 126.65 126.53 126.39 126.26 126.18 125.94	126.67	0.000521 0.000913 0.001504 0.002694	1.83 2.60	518.93 422.10 320.73	672.01 611.27	0.18 0.22 0.30 0.29 0.25
RIVER-1	Reach-1	169.*	Max WS	377.81	123.50	120.33	120.57	0.002694	2.60	320.73	011.27	0.30
RIVER-1	Reach-1	168 167.*	Max WS	370.04	123.00	120.39	120.43	0.002437	2.57 2.36	316.23	547.75 585.82	0.29
RIVER-1 RIVER-1	Reach-1 Reach-1	167."	Max WS Max WS	374.13	122.50 122.00	126.26	126.30	0.001752 0.000958 0.001635 0.001198	1 85	349.65 437.71 362.75	653 O1	0.23
RIVER-1	Paach-1	166 165.* 164	Max WS	369.52	121.00	125.18	125.20	0.000338	1.85 2.39	362 75	653.01 606.16	0.19 0.24
PTVFP-1	Reach-1 Reach-1	164	Max WS Max WS	368 75	120.00	125.69	125.71	0.001198	1.88	432.81	676.81	0.19
RTVFR-1	Reach-1	163.*	Max WS	368.42	120.00	125.54	125.59	0.001859	2.62	353.14	695.13	0.25
RIVER-1	Reach-1	162	Max WS Max WS	368.65	120.00 120.00	125.11	125.41	0.001859 0.006033	4.81	432.81 353.14 130.60	695.13 415.57	0.45
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	161.*	Max WS	367.59	120.25	124.81	124.94	0.003136	3.32	220.04	586.16	0.25 0.45 0.34
RIVER-1	Reach-1	160	Max WS	367.69	120.50	124.68	124.71	0.000938	1.74	418.02	636.43	0.18
RIVER-1 RIVER-1	Reach-1	159.*	Max WS	368.18	120.25 120.50 120.25 120.00	124.60	124.62	0.000818 0.000679	1.60	425.40 458.20	666.27 719.51	0.17
RIVER-1	Reach-1 Reach-1	158 157.*	Max WS Max WS	376.04 372.13 371.25 369.52 368.75 368.42 368.65 367.69 368.73 369.50 368.73 369.50 388.03 387.91 398.36 397.67 400.23 402.97 405.15 407.24 409.50 412.73 415.69	120.00	125.54 125.11 124.81 124.68 124.60 124.53 124.46 123.95 123.76 123.76 123.58 123.44 123.19 122.92 122.74 122.60 122.39 122.19 121.81	124.55	0.000679	1.41	458.20	719.51	0.16
RIVER-1 RIVER-1	Reach-1	157.*	Max WS	369.13	119.50	124.46	124.50	0.001021	1.89	382.54	727.84 694.57	0.20 0.36
RIVER-1	Reach-1	156 155.*	Max WS	369.30	$119.00 \\ 119.00$	124.20	124.43	0.001021 0.003719 0.002704	3.76 3.19	202.85 276.38	645.97	0.30
RIVER-1	Reach-1 Reach-1	155.* 154	Max WS Max WS	308.72 270 14	119.00	123.93	124.04	0.002704	2.00	444 62	688 00	0.31 0.19 0.21
RIVER-1 RIVER-1	Reach-1	153.*	Max WS	388 03	119.00	123.70	123.70	0.001102	2.12	441.02	688.00 782.95	0.13
DTVED_1	Reach-1	152	Max WS Max WS	387 91	119.00	123.58	123.61	0.001102 0.001197 0.001106	1.96	444.62 441.81 466.84	871.86	0.20
RIVER-1 RIVER-1	Reach-1	151.*	Max WS	398 36	119.00	123.44	123.47	0.001614	2.10	418.28	854.82	0.20 0.24
RTVFR-1	Reach-1	150	Max WS	397.67	119.00	123.19	123.26	0.001614 0.004256 0.002686 0.001492	2.10 2.79	418.28 292.34	781.87	0.36
RIVER-1 RIVER-1	Reach-1 Reach-1	150 149.*	Max WS Max WS	400.23	118.50 118.00	122.92	122.99	0.002686	2.71 2.28	319.16	724.24 660.51	0.30
RIVER-1	Reach-1	148 147.*	Max WS Max WS	402.97	118.00	122.74	122.77	0.001492	2.28	396.22	660.51	0.23
RIVER-1	Reach-1	147.*	Max WS	405.15	117.92	122.60	122.65	0.001432 0.002132 0.004346 0.001950 0.003282 0.000899	2.43	319.16 396.22 383.24 323.39	870.58 1007.93	0.30 0.23 0.27 0.37
RIVER-1	Reach-1	146	Max WS	407.24	117.83 117.92	122.39	122.46	0.004346	2.94	323.39	1007.93	0.37
RIVER-1	Reach-1 Reach-1	145.*	Max WS	409.50	117.92	122.19	122.23	0.001950	1.85	345.15 312.98	960.75 715.60	0.25 0.30
RIVER-1	Reach-1	144 143.*	Max WS	411.01	118.00 117.50	121.90	122.02	0.003282	1.77 1.49	453.44	890.72	0.30
RIVER-1 RIVER-1	Reach-1 Reach-1	143."	Max WS Max WS	412./3 /15 15	117.00	121.01	121.03	0.001003	1.97	534.01	884 47	0.10
RIVER-1	Reach-1	142 141.*	Max WS	417.69	117.00	121.73 121.60	121.73	0 001647	2.50	448.71	884.47 916.23	0.19 0.24 0.33 0.27
DTVED-1	Reach-1	140	Max WS Max WS	418.65	117.00	121.40	121.49	0.003212	3.39	352.05	1035.06	0.33
RIVER-1 RIVER-1	Reach-1	139.*	Max WS	417.95	117.50	121.25	121.29	0.001996	2.48	410 04	925.77	0.27
RIVER-1	Reach-1	138	Max WS	418.94	118.00	121.40 121.25 121.17	121.19	0.003212 0.001996 0.000901 0.001195 0.001657	1.57	418.04 568.36 496.28 401.57 473.68 560.17 477.45 489.59 453.08 5144.58	949.06	0.18 0.20
RIVER-1 RIVER-1	Reach-1	138 137.*	Max WS	420.00	118.00	121.09	121.11	0.001195	1.69	496.28	800 21	0.20
RIVER-1	Reach-1	136 135.*	Max WS	421.62	118.00	120.97	121.00	0.001657	1.79	401.57	621.60 662.52 732.99 650.52 578.10	0.23 0.19 0.15 0.17 0.15
RIVER-1	Reach-1	135.*	Max WS	423.24	117.50	120.86	120.88	0.001086 0.000758	1.36	473.68	662.52	0.19
RIVER-1	Reach-1	134	Max WS	424.89	117.00	120.79	120.80	0.000758	1.08	56U.1/	732.99	0.15
RIVER-1	Reach-1 Reach-1	133.* 132	Max WS	427.16	117.00 117.00	120.70	120.72	0.000930	1.18 1.05	4//.45	578 10	0.17
RIVER-1 RIVER-1	Reach-1	132 131.*	Max WS	429.49	117.00	120.02	120.04	0.000731	1.15	453.33	588.27	0.17
RIVER-I	Reach-1	130	Max WS Max WS	430.73	117.00	120.33	120.30	0.001004	1.10	514.58	588.27 796.46	0.17 0.17
RIVER-1 RIVER-1	Reach-1	129.*	Max WS	432.63	117.00	120.38	120.40	0.000930 0.000751 0.001004 0.000997 0.001476	1.30	444.48 230.55 299.90	810.28	0.21
RIVER-1	Reach-1	128	Max WS	433.25	117.00	120.11	120.18	0.005464 0.003229	1.30 2.17	230.55	614.44 648.78	0.21 0.39
RIVER-1	Reach-1	127.*	Max WS	432.99	116.71	119.84	119.90	0.003229	2.16	299.90	648.78	0.32 0.22 0.22
RIVER-1	Reach-1	126	Max WS	432.85	116.42	119.77	119.79	0.001405	1.89	472.31 479.66	690.85	0.22
RIVER-1	Reach-1	125.*	Max WS	432.84	116.21	119.74	119.76	0.001408 0.001006	1.71	479.66	756.54	0.22
RIVER-1	Reach-1	124	Max WS	432.70	116.00	120.97 120.86 120.79 120.62 120.55 120.47 120.38 120.11 119.84 119.77 119.74 119.72	119./3	0.001006	1.31	550.81	803.98 808.16	0.18 0.21
RIVER-1	Reach-1	123.*	Max WS	432.56	116.18	119.65 110.57	119.6/	0.001282 0.001604	1.59 1.79	500.03 488.97	934.38	0.21
RIVER-1	Reach-1 Reach-1	122 121.*	Max WS Max WS	418 65 417.95 418.94 420.00 421.62 423.24 424.89 427.16 429.49 430.75 431.97 432.63 433.25 432.85 432.85 432.85 432.85	116.35 115.68	119.65 119.57 119.36	128.06 127.38 127.61 127.61 127.38 127.38 127.38 126.95 126.87 126.67 126.67 126.67 126.57 126.43 126.30 125.98 125.71 125.598 125.71 124.94 124.71 124.62 124.55 124.55 124.55 124.55 124.55 124.55 124.55 124.10 123.78 123.69 123.61 123.47 123.26 122.99 122.77 122.65 122.46 122.99 122.11 121.19	0.001604	2.45	369.91	599.11	0.30
RIVER-1 RIVER-1	Reach-1	121. *	Max WS Max WS	477.69	115.00	119.19	119.22	0.001449	2.20	369.91 432.72	585.75	0.23
VTAEK-T	Veacii-T	120	MAX WS	777.03	113.00		*** · · · ·	2.0013				-

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		440 1		477 40	114 50	Ki	teCreek.rep	110 12	0.002454	2 00	240 47	407.40	0 21
RIVER-1	Reach-1 Reach-1	119.* 118	Max WS Max WS	477.48 477.00	114.50 114.00	119.04 118.72		119.12	0.002154 0.003625	3.00	340.47 213.02 287.22 265.49	487.10 267.24	0.31 0.45 0.28 0.34
RIVER-1 RIVER-1	Reach-1	117.*	Max WS Max WS	477.00 476.56	114.50	118.72		118.93 118.72 118.59	0.003023	4.25 2.37	213.02	310.81	0.43
RIVER-1	Reach-1	116	Max WS	476.56 474.00	115.00	118.65 118.51 118.34		118.59	0.001398 0.002506	2.30	265.49	344.42	0.34
RIVER-1	Reach-1	115.*	Max WS	156 06	114.50	118.34		118.39 118.19 118.23	0.002293	1.93	264.76	347.67	0.32 0.28 0.27
RIVER-1	Reach-1	114	Max WS	410.40	114.00	118.16		118.19	0.001943	1.53	282.22	384.23	0.28
RIVER-1	Reach-2	112.05	Max WS	727.69	112.00	118.16 118.16		118.23	0.001943 0.001284	2.22	282.22 359.38	418.14	0.27
RIVER-1	Reach-2	112	Max WS	410.40 727.69 727.77	112.00	118.15		118.23	0.001298	2.23	356.50	416.34	0.27
RIVER-1	Reach-2	111.95		Lat Struct									
RIVER-1	Reach-2	111.*	Max WS	727.51	113.00 114.00	118.01		118.09	0.001845	2.24	368.86	360.78	0.31
RIVER-1	Reach-2	110 109.*	Max WS	720.98	114.00	118.01 117.87 117.58		117.94	0.001845 0.002243 0.002668	2.24 2.15 3.50	368.86 433.56 339.02	360.78 471.32 375.27	0.33
RIVER-1 RIVER-1	Reach-2 Reach-2	109.~	Max WS Max WS	727.32	113.00	117 35		117 51	0.002000	3.71	367.02	412.01	0.33
RIVER-1	Reach-2	108 107.*	Max WS	728.76	112.00	117.27		117.38	0.002294 0.001564	3.18	441.89	469.40	0.31
RIVER-1	Reach-2 Reach-2	106	Max WS Max WS	729.29	111.00	117.22		117.30	0.001003	2.81	555.31	469.40 565.20 526.79	0.25
RIVER-1	Reach-2 Reach-2	105 *	Max WS Max WS	729.87	110.50	117.13		117.24	0.001003 0.001319	3.18	509.45	526.79	0.28
RIVER-1	Reach-2	104	Max WS	730.66	110.00	117.03		117.16	0.001335	3.49 2.88	487.95	491.68	0.28
RIVER-1	Reach-2 Reach-2	103.*	Max WS Max WS	730.81	110.00	117.00		117.08	0.001550	2.88	528.62	511.09	0.29
RIVER-1	Reach-2	102 101.*	Max WS	640.10	110.00 110.50	117.35 117.35 117.27 117.22 117.13 117.03 117.00 116.95		117.03	0.000426	1.98 2.31	339.05 367.05 441.89 555.31 509.45 487.95 528.62 751.30 740.53	491.68 511.09 567.77 565.30	0.17
RIVER-1 RIVER-1	Reach-2 Reach-2	101.	Max WS Max WS	/32.13 733 17	111.00	116.93		116 95	0.000658	2.36	740.33	559.48	0.20
RIVER-1	Reach-2	99.*	Max WS	736.55	111.00	116.79		116.84	0.000697	2.44	701.21	558.34	0.21
RIVER-1	Reach-2 Reach-2	98	Max WS Max WS	740.02	111.00	116.67		116.72	0.000742	2.54 2.52	668.59	553.40 536.54	0.22
RIVER-1	Reach-2 Reach-2	97.*	Max WS Max WS	742.00	110.50	116.59		116.64	0.000714	2.52	669.52	536.54	0.21
RIVER-1	Reach-2	96	Max WS	727.77 Lat Struct 727.51 726.98 727.52 728.45 728.76 729.29 729.87 730.66 730.81 640.10 732.13 733.17 736.55 740.02 742.00 743.99 745.79 747.59 749.40 751.20	110.00	116.95 116.91 116.79 116.67 116.59 116.51 116.44 116.35		118.09 117.94 117.73 117.51 117.30 117.24 117.08 117.08 117.09 116.95 116.84 116.57 116.51 116.44 116.36 116.22 116.22 116.09	0.001319 0.001335 0.001550 0.000426 0.000607 0.000658 0.000697 0.000742 0.000714 0.000703 0.000771 0.000827 0.000736	2.51 2.68	740.53 729.48 701.21 668.59 669.52 669.07 614.33 558.74 559.98 549.58	525.19 512.69	0.31 0.33 0.37 0.37 0.25 0.28 0.29 0.17 0.20 0.21 0.21 0.21 0.22 0.21 0.21 0.21 0.21 0.21 0.21 0.21
RIVER-1	Reach-2 Reach-2	95.*	Max WS Max WS	745.79	109.50 109.00	116.44		116.51	0.000//1	2.68	614.33	512.69	0.22
RIVER-1 RIVER-1	Reach-2 Reach-2	94 93.*	Max WS Max WS	747.59	109.00	116.33		116.44	0.000827	2.82 2.70	550.74 559 98	489.32 464.90	0.23
RIVER-1	Reach-2	92	Max WS	751 20	109.00	116.21		116.29	0.000730	2.62	549.58	414.72	0.21
RIVER-1	Reach-2	91.*	Max WS	753.06	108.50	116.21 116.14 116.08		116.22	0.000663 0.000677 0.000688 0.000606	2.62 2.58	553.79	431.74	0.21
RIVER-1	Reach-2	90	Max WS Max WS	754.89 756.70	108.00	116.08		116.15	0.000688	2.54 2.48	559.12 598.87	444 98	0.21
RIVER-1	Reach-2 Reach-2	89.*	Max WS Max WS	756.70	108.50	116.02		116.09	0.000606	2.48	598.87	429.47	0.20
RIVER-1	Reach-2	88	Max WS	756.70 758.48 759.72 761.22 761.91 762.53 780.72 780.70 663.75	109.00	115.97		116.09 116.03 115.98 115.96 115.96 115.94 115.93 115.91	0.000543 0.000241 0.000117	2.42	640.48 784.92 959.82	415.26 437.69	0.19
RIVER-1	Reach-2	87.*	Max WS	759.72	108.00	115.95		115.98	0.000241	1.77 1.33	784.92	437.69 462.89	0.13
RIVER-1	Reach-2 Reach-2	86 85.*	Max WS Max WS	761.22 761.01	107.00 107.50	115.94		115.96	0.000117	1.37	1059.15	579.50	0.03
RIVER-1 RIVER-1	Reach-2	84	Max WS	762.53	108.00	115.95 115.94 115.94 115.93 115.91		115.94	0.000154 0.000172	1.25	1236.62	704.93	0.11
RIVER-1	Reach-2	83.*	Max WS	780.72	108.50	115.91		115.93	0.000307	1.65	999.79	737.57	0.14
RIVER-1	Reach-2 Reach-2	82	Max WS	780.70	109.00	115.85 115.79		115.91	0.000659	2.28	726.26	781.59	0.20
RIVER-1 RIVER-1	Reach-2 Reach-2	81.56	Max WS	663.75	108.22	115.79	112.06	115.85	0.000726	2.02	329.23	79.44	0.17
RIVER-1	Reach-2	81.55 81.30		Bridge	400.00	445 40			0.005044	4 17	105 70	C4 OF	0.43
RIVER-1	Reach-2 Reach-2	81.30 80.95	Max WS	774.45	108.96 108.83	$115.18 \\ 115.21$	112.19	115.45 115.34	0.005044 0.000946	4.17 2.94	185.70 263.86	64.95 61.19	0.43 0.25
RIVER-1 RIVER-1	Reach-2 Reach-2	90 04	Max WS	873.90 774.45 774.45 8ridge 773.90 773.04	100.03	113.21	112.19	113.34	0.000940	2.34	203.00	01.15	0.23
RIVER-1	Reach-2	80.38 79.3849* 78.39 77.6566* 76.9233* 76.19 75.86 75.85	Max WS	773.90	108.67	115.18		115.32	0.001040	3.01	257.26	62.64	0.26
RIVER-1	Reach-2	79.3849*	Max WS Max WS Max WS	773.04	108.33	115.18 115.01		115.32 115.20	0.001040 0.001339 0.000561 0.000283	3.01 3.48	257.26 222.29 556.43	62.64 229.64	0.26 0.30 0.20
RIVER-1	Reach-2 Reach-2	78.39	Max WS	773.01 773.01 772.99 772.79 772.77 772.64	108.00	115.00 114.99		115.06 115.02 115.01	0.000561	2.53	556.43	326.92	0.20
RIVER-1	Reach-2	77.6566*	Max WS	772.99	107.80	114.99		115.02	0.000283	1.79	940.47	556.15	0.14 0.17 0.22 0.24
RIVER-1	Reach-2 Reach-2	76.9233*	Max WS	772.79	107.60	114.96		115.01	0.000438 0.000753	2.20	836.30 514.92 251.09	737.20 566.83	0.17
RIVER-1	Reach-2	76.19	Max WS Max WS	772.77	107.40 107.22	114.89 114.82	111.25	114.99 114.97	0.000753	2.84 3.08	251 09	312.47	0.22
RIVER-1 RIVER-1	Reach-2 Reach-2	75.86 75.85	Max WS	772.04 Bridge	107.22	114.02	111.23	114.37	0.00001	3.00		312.47	0.2,
RIVER-1	Reach-2	75.40	Max WS	772.24	106.63	114.60		114.75	0.001177	3.08	250.72	121.61 647.63	0.27
RIVER-1	Reach-2	74.7*	Max WS	772.23	106.82	114.60 114.59		114.75 114.67	0.001177 0.000937	2.41	412.04	647.63	0.24
RIVER-1 RIVER-1	Reach-2	74	Max WS	772.22	107.00	114.56		114.60	0.000834	1.89	732.12	1080.21	0.22
RIVER-1	Reach-2	75.40 74.7* 74 73.*	Max WS Max WS	7/2.64 Bridge 772.24 772.23 772.22 772.14 772.04 980.95 980.80 980.68	107.43	114.56 114.51 114.48 114.33 114.28		114.54	0.000834 0.000483 0.000339 0.001130	1.71 1.64	250.72 412.04 732.12 935.71 1145.55	1159.78 1226.50	0.27 0.24 0.22 0.17 0.15 0.24 0.18 0.20 0.23
RIVER-1	Reach-2 Reach-2	72 71.*	Max WS Max WS	//Z.U4	107.86 107.44	114.46 114 22		114.30	0.000339	2.81	379 11	185.93	0.13
RIVER-1 RIVER-1	Reach-2	71.^	Max WS Max WS	980.93	107.44	114.28		114.35	0.000722	2.20	379.11 446.74	96.62	0.18
RIVER-1	Reach-2 Reach-2	69.*	Max WS	980.80	107.35	114.18		114.27	0.000722 0.000887	2.43	403.31	86.65	0.20
RIVER-1	Reach-2	68	Max WS	980.68	107.68	114.18 114.06		114.17	0.001166	2.68	365.93	83.66	0.23
RIVER-1	Reach-2	67	Max WS	200.22	107.40	113.87		114.67 114.60 114.54 114.50 114.45 114.35 114.27 114.17	0.001780	3.26	335.37	124.77	0.28
RIVER-1	Reach-2	66	Max WS	980.28	107.40	113.66		113.84	0.002144	3.48	309.52	117.35	0.30

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RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	65.* 64	Max WS Max WS	979.97 979.80	107.20 107.00	113.51 113.39 113.26 113.11 112.97 112.86 112.76 112.76		113.65 113.51 113.38 113.23 113.08 112.95 112.85 112.78	0.001600 0.001170 0.001449 0.001692 0.001450 0.001123 0.000875 0.000486 0.001236	3.03 2.80 2.82 2.82	332.85 349.54 347.69	133.85 104.45 121.82	0.28 0.27 0.29 0.31 0.29 0.26 0.23 0.18
RIVER-1 RIVER-1	Reach-2	63.* 62.*	Max WS Max WS	981.33	106.81 106.62	113.20		113.30	0.001449	2.02	349.06	144.14	0.23
RIVER-1	Reach-2	61.*	Max WS	983.95	106.43	112.97		113.08	0.001450	2.68	371.82	162.32	0.29
RIVER-1	Reach-2	60	Max WS	985.28	106.24	112.86		112.95	0.001123	2.42 2.38	420.62 433.87	186.67	0.26
RIVER-1 RIVER-1	Reach-2	59.*	Max WS Max WS	988.00	106.07	112.76		112.85	0.000875	2.38	433.87	187.22 447.88	0.23
RIVER-1 RIVER-1	Reach-2	58 57.2	Max WS Max WS	990.96	105.90 107.05	112.71	110.02	112.78 112.74	0.000486	2.20 3.11	614.83 444.80	393.57	0.18
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	57.19	Max W3	Bridge	107.03	112.00	110.02	112.74	0.001230	J. 11			0.20
RIVER-1	Reach-2	56.9	Max WS	990.70	107.05	112.45		112.63	0.001652	3.46	369.22 490.66 553.16 590.59 698.01	369.75 343.42 445.61 539.49 354.17	0.32
RIVER-1	Reach-2	56 55.*	Max WS Max WS Max WS Max WS	993.55	105.90 105.85	112.42		112.50	0.000642	3.46 2.33 2.07	490.66	343.42	0.21
RIVER-1 RIVER-1	Reach-2	55.*	Max WS	995.49	105.85	112.37		112.44	0.000613	2.07	553.16	445.61	0.20
RIVER-1	Reach-2	54	Max WS	997.78	105.80	112.32		112.38	0.000639	1.93 1.88	590.59 698.01	339.49 354 17	0.20
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	53.* 52 51.*	Max WS Max WS Max WS Max WS Max WS	1010.63	105.80 105.70 105.60 105.57 105.54 105.50	112.17		112.21	0.000541	1.96	697.32	301.03 288.12 274.96 261.45 247.90 281.30 317.34	0.17
RIVER-1 RIVER-1	Reach-2	51.*	Max WS	1013.73	105.57	112.08		112.13	0.000806	2.19	654.44	288.12	0.20
RIVER-1	Reach-2	50.*	Max WS	1016.26	105.54	111.99		112.05	0.000904	2.39	620.66	274.96	0.22
RIVER-1	Reach-2	49.*	Max WS	1019.03	105.50	111.89		111.96	0.000921	2.56	598.34	261.45	0.23
RIVER-1	Reach-2	48 47.*	Max WS	1021.77	105.47 105.68	111.79 111 72		111.87 111 79	0.000821	2.71	632 88	247.90	0.23
RIVER-1 RIVER-1	Reach-2	46.*	Max WS	1027.46	105.88	111.65		111.70	0.000754	2.45	698.17	317.34	0.22
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	45.* 44	Max WS	1030.43	105.88 106.08 106.29	111.58		111.63	0.000600	1.96 2.19 2.39 2.56 2.71 2.62 2.45 2.22 1.98 2.03	789.95	317.34 353.82 390.20 374.73 372.43 369.29 365.80 394.36 432.55 466.32	0.20
RIVER-1	Reach-2	44	Max WS	1033.40	106.29	111.54		111.57	0.000433	1.98	910.26	390.20	0.17
RIVER-1	Reach-2	43.* 42.* 41.*	Max WS	1036.16	106.30 106.31 106.32 106.33 106.17	111.49		111.53	0.000455	2.03	821 70	374.73	0.18
RIVER-1 RIVER-1	Reach-2	41.*	Max WS Max WS	1041.72	106.31	111.39		111.44	0.000501	2.09 2.14	786.94	369.29	0.18
RIVER-1	Reach-2	40	Max WS	1044.53	106.33	111.34		111.39	0.000523	2.18 1.96 1.70	759.94	365.80	0.19
RIVER-1 RIVER-1	Reach-2	39.* 38.*	Max WS	1044.51	106.17	111.30		111.34	0.000414	1.96	867.30	394.36	0.17
RIVER-1	Reach-2	38.*	Max WS	1044.49	106.01 105.84	111.27		111.30	0.000306	1.70	1021.82	432.55	0.14 0.12
RIVER-1 RIVER-1	Reach-2 Reach-2	37.* 36	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1044.45	105 68	112.45 112.42 112.37 112.37 112.08 111.99 111.89 111.72 111.65 111.54 111.44 111.39 111.44 111.39 111.27 111.27		112.63 112.50 112.44 112.38 112.30 112.21 112.05 111.96 111.79 111.70 111.63 111.57 111.44 111.39 111.30 111.31	0.001652 0.000642 0.000633 0.000639 0.000574 0.000806 0.000904 0.000921 0.000821 0.000821 0.000821 0.000603 0.000455 0.000455 0.000452 0.000501 0.000523 0.000414 0.000306 0.000207 0.000207	1.68	697 32 654.44 620.66 598.34 588.72 632.88 698.17 789.95 910.26 864.39 821.70 786.94 759.94 867.30 1021.82 1227.19 1075.14 315.36 312.06	484.67	0.32 0.21 0.20 0.17 0.17 0.20 0.23 0.23 0.23 0.22 0.20 0.17 0.18 0.18 0.19 0.17 0.14 0.14 0.14 0.27
RIVER-1	Reach-2	35.22	Max WS	1044.36	104.52	111.07		111.24	0.001090	3.31 3.35	315.36	69.05	0.27
RIVER-1	Reach-2	35.22 34.82 34.81 34.34 33.67*	Max WS	1044.35	104.52 104.52	111.03	107.78	111.20	0.001123	3.35	312.06	68.78	0.28
RIVER-1	Reach-2	34.81		Bridge		110 40		110 02	0.002204	4 75	210 72	65 22	0.46
RIVER-1 RIVER-1	Reach-2	34.34	Max WS	1043.99	104.30 104.12 103.93 103.40	110.48 110.44 110.46		110.83	0.003364	4.75 3.63 2.42 2.52 3.28 3.54 3.73 2.86 3.32 3.28 3.12 2.676 2.87	219.73 283.10 522.99 543.64 495.49 317.90 322.95 385.75 543.74 818.49	65.32 75.76	0.40
RIVER-1	Reach-2	33.0/~	Max WS Max WS	1043.87	104.12	110.44		110.57	0.000750	2.63	522.99	75.76 457.20	0.22
RIVER-1	Reach-2	33 32.* 31.*	Max WS	1043.84	103.40	110.39		110.48	0.000757	2.42	543.64	503.71 526.95 203.94 462.27 666.12 779.32 909.50	0.22
RIVER-1	Reach-2	31.*	Max WS	1043.79	102.88 102.35 102.34	110.39 110.29 110.01 109.66 109.35 109.12 108.99 108.82 108.64 108.46 108.29 108.11 107.74		110.38	0.001109	2.52	495.49	526.95	0.26
RIVER-1	Reach-2	30 29.* 28.*	Max WS	1043.73	102.35	110.01		110.18	0.003370	3.28	317.90	203.94 462.27	0.42
RIVER-1	Reach-2	29.*	Max WS	1043.72	102.34	109.66		109.85	0.003300	3.34	322.93	666 12	0.43
RIVER-1 RIVER-1	Reach-2	27.*	Max WS Max WS	1043.37	102.33	109.12		109.27	0.002637	3.51	543.74	779.32	0.39
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	26	Max WS	1043.32	102.33 102.33 102.32 101.99	108.99		109.06	0.001504	2.86	818.49	909.50	0.30
RIVER-1 RIVER-1	Reach-2	25.* 24.* 23.* 22 21.* 20.*	Max WS	1043.17	101.99	108.82		108.93	0.002268	3.32	694.34	944.65 737.78 849.06	0.36
RIVER-1	Reach-2	24.*	Max WS	1043.04	101.66	108.64		108.74	0.002537	3.28	676 16	/3/./0 849 06	0.37
RIVER-1 RIVER-1	Reach-2	23.*	Max WS	1042.89	101.33 101.00 101.27 101.54 101.82	108.40		108.35	0.002271	2.69	774.56	967.81	0.34
RIVER-1	Reach-2	21.*	Max WS	1042.33	101.27	108.11		108.17	0.002367	2.76	741.86	967.81 830.15 763.30 731.67	0.35
RTVFR-1	Reach-2 Reach-2	20.*	Max WS	1041.55	101.54	107.92		107.98	0.002346	2.87	736.95	763.30	0.35
RIVER-1	Reach-2	19.* 18	Max WS	1040.47	101.82	107.74		107.80	0.002215	3.00 3.08	/42.4/ 757 75	/31.6/ 707.45	0.34
RIVER-1	Reach-2	18	Max WS	1038.54	102.09 101.97	107.57		107.03	0.002034	3.09	803.25	797.59	0.33
RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	17.* 16.* 15.*	Max WS Max WS	1030.51	101.85	107.27		107.31	0.001667	3.09 2.85 1.94 1.30	975.40	707.45 797.59 1182.77	0.30
RIVER-1	Reach-2	15.*	Max WS	1027.28	101.73	107.18		107.20	0.000848	1.94	1256.45	1204.20	0.21
RIVER-1	Reach-2	14	Max WS	1025.88	101.61	107.13		107.14	0.000431	1.30 1.06	1588.28	1219.76	0.15
RIVER-1 RIVER-1	Reach-2	14 13.* 12.* 11.*	Max WS	1024.97	101.43 101.26	107.10		10/.11 107 00	0.003384 0.001751 0.000750 0.000757 0.001109 0.003370 0.003500 0.003441 0.002637 0.001504 0.002268 0.002268 0.002267 0.002367 0.002367 0.002346 0.002215 0.002054 0.002215 0.001667 0.000348 0.0001667 0.000349 0.000329 0.000329	0.97	1890.50	1204.20 1219.76 1222.22 1214.02	0.13
RIVER-1 RIVER-1	Reach-2	12.^ 11 *	Max WS Max WS	1024.32	101.28	107.03		107.07	0.000183	0.90	2055.21	1198.91	0.10
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2	10	Max WS	1023.71	100.90	107.06		107.06	0.000139	0.82	694.34 634.90 676.16 774.56 741.86 736.95 742.47 757.75 803.25 975.40 1256.45 1588.28 1734.38 1890.50 2055.21 2215.03	1163.30	0.09
RIVER-1	Reach-2	9.* 8.*	MAX WS MAX WS	981.33 982.79 983.95 985.28 988.00 990.96 992.69 Bridge 990.70 993.55 995.49 1010.62 1019.03 1021.77 1024.47 1023.43 1033.40 1036.16 1038.94 1044.53 1044.45 1044.45 1044.35 Bridge 1043.87 1043.87 1043.87 1043.87 1043.87 1043.87 1043.87 1043.72 1043.73 1043.73 1043.73 1043.73 1043.77 1043.77 1043.77 1043.77 1043.77 1043.89 1042.54 1044.55 1023.73 1023.73 1023.73 1023.73 1023.73	100.75	107.74 107.57 107.41 107.27 107.18 107.13 107.10 107.08 107.07 107.06 107.04		110.83 110.65 110.57 110.48 110.38 110.18 109.85 109.55 109.27 109.06 108.93 108.74 108.35 108.17 107.63 107.63 107.46 107.31 107.07 107.07	0.000212 0.000384	1.05	1832.52	1020.70	0.46 0.34 0.22 0.22 0.22 0.42 0.43 0.44 0.39 0.36 0.37 0.37 0.35 0.35 0.35 0.35 0.35 0.31 0.11 0.10 0.09 0.11
RIVER-1	Reach-2	8.*	Max WS	1023.04	100.60	107.00		107.01	0.000384	1.42	1464.44	960.90	0.13

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RIVER-1	Reach-2	7.*	Max WS	1022.47	100.45	106.94	•	106.97	0.000682	2.03	1187.14	1112.95	0.20
RIVER-1	Reach-2	6	Max WS	1020.87	100.30	106.82		106.90	0.001478	3.14	896.70	1210.05	0.30
RIVER-1	Reach-2	5.*	Max WS	1019.52	100.15	106.70		106.77	0.001296	3.02	945.17	1280.73	0.28
RIVER-1	Reach-2	4.*	Max WS	1018.49	100.00	106.59		106.65	0.001100	2.84	1025.78	1408.44	0.26
RIVER-1	Reach-2	3.*	Max WS	1017.78	99.85	106.49		106.55	0.000903	2.62	1173.92	1667.97	0.24
RIVER-1	Reach-2	2	Max WS	1017.54	99.70	106.43		106.46	0.000573	2.13	1583.44	2200.23	0.19
RIVER-1	Reach-2	1.*	Max WS	1017.38	99.55	106.36		106.42	0.000812	2.61	1282.09	2122.17	0.23
RIVER-1	Reach-2	0	Max WS	1017.33	99.40	106.28	103.73	106.35	0.000820	2.68	1098.41	1829.83	0.23

Appendix P-14: HEC-RAS Results, Anatolia III – Alternative 'D' Model, 100-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

х	х	xxxxxx	XX	xx		XX	xx	×	×	xxxx
X	X	Х	X	X		Х	Х	Х	Х	X
X	X	X	Х			Х	Х	Х	Х	X
XXX	XXXX	XXXX	X		XXX	XX	XX	XXX	XXX	XXXX
X	X	X	Х			Х	Х	X	Х	X
Х	Х	X	Х	X		Х	Х	Х	Х	X
Y	X	XXXXXX	XX	XX		X	· X	X	X	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/18/2010 12:42:19 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River Reach River Sta Profile Q Total Min Ch El W.S. Elev Crit W.S. E.G. Elev E.G. Slope Vel Chnl Flow Area	Top Width Froude # Ch	h1
(cfs) (ft) (ft) (ft) (ft/ft) (ft/s) (sq ft)		
RIVER-2 Reach-1 11800 Max WS 598.66 157.71 163.01 163.02 0.000053 0.47 1281.41 RIVER-2 Reach-1 11850.* Max WS 598.66 157.71 163.01 163.02 0.000054 0.45 1316.06 RIVER-2 Reach-1 11750.* Max WS 600.15 157.42 163.01 163.02 0.000023 0.32 1882.95 RIVER-2 Reach-1 11750.* Max WS 600.14 156.96 163.01 163.01 0.000024 0.33 1837.49 RIVER-2 Reach-1 11700 Max WS 600.12 156.50 163.01 163.01 0.000024 0.33 1852.64 RIVER-2 Reach-1 11650.* Max WS 598.65 156.25 163.01 163.01 0.000024 0.32 1852.64 RIVER-2 Reach-1 11600 Max WS 597.21 156.00 163.01 163.01 0.000025 0.36 1680.65 RIVER-2 Reach-1 11550.* Max WS 597.21 156.00 163.01 163.01 0.000025 0.36 1680.65 RIVER-2 Reach-1 11550.* Max WS 597.20 155.05 163.01 163.01 0.000025 0.35 1698.91 RIVER-2 Reach-1 11500 Max WS 597.19 154.11 163.01 163.01 0.000025 0.35 1698.91 RIVER-2 Reach-1 11500 Max WS 597.19 154.11 163.01 163.01 0.000025 0.35 1710.54 RIVER-2 Reach-1 11450.* Max WS 597.17 154.05 163.01 163.01 0.000025 0.33 1827.48 RIVER-2 Reach-1 11400 Max WS 595.76 154.00 163.00 163.01 163.01 0.000025 0.33 1827.48 RIVER-2 Reach-1 11350.* Max WS 595.76 154.00 163.00 163.00 0.000018 0.30 1956.21 RIVER-2 Reach-1 11350.* Max WS 595.76 154.00 163.00 163.00 0.000018 0.30 2034.90 RIVER-2 Reach-1 11350.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000012 0.25 2422.30 RIVER-2 Reach-1 11250.* Max WS 595.77 154.00 163.00 163.00 0.000007 0.21 2857.07 RIVER-2 Reach-1 11150.* Max WS 595.71 154.00 163.00 163.00 0.000007 0.21 2857.07 RIVER-2 Reach-1 11150.* Max WS 594.36 152.00 163.00 163.00 0.000005 0.18 3310.40	305.82 0.0 334.38 0.0 425.14 0.0 416.35 0.0 395.46 0.0 371.65 0.0 347.09 0.0 351.33 0.0 355.65 0.0 390.87 0.0 434.93 0.0 434.94 0.0 479.62 0.0 485.57 0.0 502.64 0.0 524.52 0.0 554.28 0.0	04 03 03 03 03 03 03 03 03 02 02 02 02

							and the						
RIVER-2	Reach-1	11000	Max WS	594.34	152.00	163.00	:Creek.rep	163.00	0.000004	0.17	3599.35	612.54	0.01
RIVER-2	Reach-1	11000 10887.5*	Max WS	594.34 594.31	152.00	163.00		163.00	0.000003	0.15	3599.35 3990.10	612.54 609.73 625.07 657.83	0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	10775.* 10662.5*	Max WS	594.31 593.09 594.27 594.25 593.11 594.20 594.17 594.13 594.07	152 00	163.00 163.00		163.00	0.000002 0.000001	0.13	4521.25	625.07	0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	10662.5*	Max WS	594.27	152.00	163.00		163.00	0.000001	0.12	5140.64	657.83	0.01 0.01
RIVER-2	Reach-1	10550 10490.*	Max WS	594.25	152.00	163.00 163.00 163.00		163.00	0.000001 0.000001	0.10	5815.46 6475.89	698.07 807.77 908.62	0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	10490.*	Max WS	593.11	151.60	163.00		163.00	0.000001	0.09	54/5.89	807.77	0.01 0.01
RIVER-2	Reach-1	10430.*	Max WS Max WS	594.20 504.17	151.20 150.80	163.00		163.00	0.000001 0.000001	0.08	7093.18 7676.10	1006.05	0.01
RIVER-2 RIVER-2	Reach-1 Reach-1	10430.* 10370.* 10370.*	Max WS Max WS	594.17 594.13	150.40	163.00		163.00	0.000001	0.07	8235 14	1108 23	0.00 0.00
RIVER-2	Reach-1	10250	Max WS	594.07	150.00	163.00 163.00		163.00	0.000001 0.000001	0.07	8235.14 8779.71	1108.23 1174.51	0.00
RIVER-2	Reach-1	10200.*	Max WS	594.97	150.00	163.00		163.00	0.000001	0.07	8156.17 7553.17	1042.81	0.00
RIVER-2	Reach-1	10150	Max WS Max WS	594.04	150.00	163.00		163.00	0.000001	0.08	7553.17	876.21	0.00 0.01
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	10250 10250 10200.* 10150 10100.*	Max WS	594.97 594.04 594.02 594.00	150.00	163.00 163.00 163.00 163.00 163.00		163.00	0.000001 0.000001 0.000001 0.000001 0.000001	0.08	7228.41 6944.77 7215.44	1042.81 876.21 882.04 803.18 820.24	0.01
RIVER-2	Reach-1 Reach-1	10050 10000.* 9950	Max WS	594.00	150.00 150.00	163.00		163.00	0.000001	0.09 0.08	6944.77 7215 44	820 24	0.01 0.00 0.00
RIVER-2 RIVER-2	Reach-1	9950	Max WS Max WS	594.60 593.97	150.00	163.00		163.00	0.000001	0.08	7505.85	842.71	0.00
RIVER-2	Reach-1	9900.*	Max WS	593.94	150.00	163.00		163.00	0.000001	0.07	7505.85 8338.41	842.71 1101.11 1241.72	0.00
RIVER-2	Reach-1 Reach-1	9850 9800.*	Max WS Max WS	594.66	150.00	163.00		163.00	0.000000	0.07	9060.95 9017.36 9346.52	1241.72	0.00
RIVER-2	Reach-1	9800.*	Max WS	593.21	150.00	163.00		163.00	0.000001	0.07	9017.36	1485.00 1505.48	0.00
RIVER-2	Reach-1	9750 9675.*	Max WS Max WS	594.51	150.00	163.00 163.00 163.00 163.00 163.00 163.00 163.00		163.00	0.000001 0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	0.06 0.06	9346.52	1505.48	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	96/5.* 9600	Max WS	594.42	149.36 148.73	163.00		163.00	0.000000	0.05	10071.08 10885.02 13250.78	1582 71	0.00
RIVER-2	Reach-1	9550.*	Max WS Max WS	593 22	148.36	163.00		163.00	0.000000	0.04	13250.78	1718.54	0.00 0.00
RIVER-2	Reach-1	9500	Max WS	593.77	148.00	163.00 163.00		163.00	0.000000	0.04	15722.80 16740.29	1830.49	0.00 0.00
RIVER-2	Reach-1	9450.*	Max WS	593.74	147.00	163.00 163.00		163.00	0.000000	0.04	16740.29	1538.83 1582.71 1718.54 1830.49 1836.06	0.00
RIVER-2	Reach-1	9400	Max WS Max WS	593.68	146.00	163.00		163.00	0.000000	0.03	18084.60 17477.69	1807.33	0.00 0.00
RIVER-2	Reach-1	9350.*	Max WS	593.62	145.51 145.02	163.00		163.00	0.000000 0.000000 0.000000 0.000000	0.03 0.04	1/4//.69	1/38.24	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9300 9200.*	Max WS Max WS	593.57 593.49	144.51	163.00		163.00	0.000000	0.04	16729.20 15569.40	1455.78	0.00
RIVER-2	Reach-1	9100	Max WS	593.32	144.00	163.00		163.00	0.000000	0.04	14359.69 13866.98	1279.93	0.00
RIVER-2	Reach-1	9050.*	Max WS	593.31	144.00	163.00		163.00	0.000000	0.04	13866.98	1178.12	0.00
RIVER-2	Reach-1	9000	Max WS	594.80 593.94 594.66 593.21 594.42 593.82 593.77 593.74 593.62 593.62 593.31 593.32 593.31	144.00	163.00 163.00 163.00 163.00 163.00		163.00 163.00	0.000000	0.04	13450.48	1836.08 1807.33 1738.24 1633.81 1455.78 1279.93 1178.12 1058.23 1025.35	0.00 0.00
RIVER-2	Reach-1	8900.*	Max WS	593.48	143.08	163.00 163.00		163.00	0.000000	0.04 0.04	13784.44 13966.46	1023.33 078 18	0.00
RIVER-2	Reach-1 Reach-1	8800 8700.*	Max WS Max WS	593.40 503.31	142.16	163.00		163.00	0.000000	0.04	13199.07	978.18 996.42	0.00
RIVER-2 RIVER-2	Reach-1	8600	Max WS	593.31	143.70 145.24	163.00 163.00	145.98	163.00	0.000000	0.05	12677.05	998.84	0.00 0.00
RIVER-2	Reach-1 Reach-1	8500		Inl Struct									
RIVER-2	Reach-1	8450	Max WS	593.29	140.56	154.39 153.98 153.55 153.10 152.65 152.19 151.72 151.25 150.30 149.82 149.85 148.86		154.57	0.003543	3.40	174.46 168.03 168.06 168.17 168.27	35.86 35.96 36.58	0.27 0.29 0.30 0.30 0.30 0.31
RIVER-2	Reach-1	8350	Max WS	595.94	140.09	153.98		154.18	0.004343	3.55 3.56	168.03	35.96	0.29
RIVER-2	Reach-1	8250.*	Max WS	598.59 601.22	139.60 139.11	153.55		153.74	0.004423	3.58	168.17	37.30	0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	8050 *	Max WS Max WS	603.88	138.62	152.65		152.85	0.004626	3.59	168.27	37.30 38.05	0.30
RIVER-2	Reach-1	7950.*	Max WS	606.53	138.13 137.64 137.15	152.19		152.39	0.004699	3.60	168.47 168.86	38.51	0.30
RIVER-2	Reach-1	7850.*	Max WS Max WS	609.19	137.64	151.72		151.93	0.004744	3.61	168.86	38.86	0.31
RIVER-2	Reach-1	7750.*	Max WS	611.85	137.15	151.25		151.45	0.004/81	3.61 3.62	169.29	39.16	0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	/65U.* 7550 *	Max WS	614.5U 617.17	136.66 136.17	150.78		150.90	0.004811	3.62	169.29 169.70 170.35	39.35 39.47	0.31
RIVER-2	Reach-1	7330." 7450 *	Max WS Max WS	619.84	135.68	149.82		150.03	0.004805	3.62	171.05 171.89 172.46 171.48	29 52	0.31
RIVER-2	Reach-1	7350.*	Max WS	622.47	135.68 135.19	149.35		149.55	0.004785	3.62	171.89	39.60	0.31
RIVER-2	Reach-1	7250.*	Max WS	625.13	134.70	148.86		149.06	0.004806	3.62	172.46	39.79	0.31
RIVER-2	Reach-1	7150.*	Max WS	627.78	134.21	148.34		148.54	0.004957	3.66 3.72	1/1.48	39.82 42.53	0.31
RIVER-2	Reach-1	7050.*	Max WS	630.35	133.72 133.23	147.77		147.99	0.005562	3.58	166 18	44.66	0.33
RIVER-2 RIVER-2	Reach-1 Reach-1	6950.* 6850 *	Max WS Max WS	595.30 591 24	132.74	148.34 147.77 147.17 146.61		146.81	0.005945	3.58	165.08	47.34	0.34
RIVER-2	Reach-1	8350 8250.* 8150.* 8050.* 7950.* 7750.* 7650.* 7450.* 7350.* 7150.* 7050.* 6850.* 6850.*	Max WS	590.56	132.25	145.99 145.30 144.57 143.92		146.20	0.003543 0.004423 0.004423 0.004519 0.004699 0.004744 0.004781 0.004811 0.004805 0.004785 0.004805 0.004957 0.005562 0.005554 0.005501	3.65	169.33 166.18 165.08 161.80	48.37	0.35
RIVER-2	Reach-1	6650.*	Max WS Max WS	638.64	131.76	145.30		145.56	0.008642	4.12	155.06	47.50	0.40
RIVER-2	Reach-1 Reach-1	6550	Max WS	641.01	131.27	144.57		144.87	0.010112	4.37	146./1	45.57 57 72	0.43
RIVER-2	Reach-1	6466.66* 6383.33*	Max WS Max WS	643.10	132.84 134.40	143.92		144.15 143.66	0.008642 0.010112 0.007512 0.004361	3.84 3.48	155.06 146.71 167.35 185.33	57.72 52.71	0.33
RIVER-2 RIVER-2	Reach-1 Reach-1	6300	Max WS Max WS	Inl Struct 593.94 598.99 601.23 603.88 606.53 609.19 611.85 614.50 617.17 625.47 625.47 625.43 630.35 595.50 595.50 591.24 590.64 641.01 643.19 647.29 648.54 649.77	135.97	143.13		143.35	0.003358	3.69	1/5.26	39.14	0.31 0.31 0.31 0.31 0.31 0.33 0.33 0.33
RIVER-2	Reach-1	6250	Max WS	648.54	136.00	142.87		143.15	0.004669	4.20	154.58	36.19	0.36
RIVER-2	Reach-1	6200 6100.*	Max WS	649.77	135.00	143.48 143.13 142.87 142.44		142.85	0.007155	5.14	126.53	28.34	0.43
RIVER-2	Reach-1	6100.*	Max WS	652.03 645.95	134.75	141.96 141.59		154.57 154.18 153.74 153.30 152.85 152.89 151.93 151.45 150.98 150.50 150.03 149.06 148.54 147.37 146.81 146.20 145.56 144.87 144.15 143.66 143.35 143.15 142.85 142.85	0.004960 0.003693	4.29 3.65	152.09 177.09	35.58 43.49	0.37 0.32
RIVER-2	Reach-1	6000.*	Max WS	645.95	134.50		Page 7	141.00	0.005055	3.03	1//.03	73.73	0.32

RIVER-2 Reach-1 500.* Max NS 666.39 134.25 141.41 Co.03105 2.25 139.67 51.95 0.29 RIVER-2 Reach-1 5700.** Max NS 606.38 134.00 140.87 141.40 0.00356 2.29 2234.27 124.31 0.35 0.31 RIVER-2 Reach-1 5700.** Max NS 606.31 135.70 140.42 140.54 0.00356 2.29 2234.27 124.31 0.35 0.35 0.20 0.31 RIVER-2 Reach-1 5700.** Max NS 607.24 133.07 130.87 130.20 140.24 0.00356 2.29 2234.27 124.31 0.35 0.42 RIVER-2 Reach-1 5700.** Max NS 607.24 133.07 133.58 0.00 111.50 0.00257 2.29 2234.27 124.31 0.35 0.42 RIVER-2 Reach-1 5700.** Max NS 6070.24 133.07 133.58 0.00 111.50 0.00257 2.29 2234.27 124.31 0.35 0.42 RIVER-2 Reach-1 5700.** Max NS 6070.24 133.07 133.58 0.00 111.50 0.00257 2.29 2234.27 124.31 0.35 0.00257 2.20 0.20 0.20 0.20 0.20 0.20 0.20 0.2													
RIVER-2 Reach-1 3000 ** Max WS 697.70 1131.50 1136.60 1139.50 0.00357.		a l d	F000 #		640.00	124 25	KiteCreek.rep	1 41 41	0 003005	2.25	100 67	F1 0F	0.20
RIVER-2 Reach-1 3000 ** Max WS 697.70 1131.50 1136.60 1139.50 0.00357.		Reach-1	5900.*		648.90	134.25	141.24	141.41	0.003095	3.25	199.67	51.95	0.29
RIVER-2 Reach-1 3000 ** Max WS 697.70 1131.50 1136.60 1139.50 0.00357.	RIVER-Z	Reach-1	5800.*	Max WS	650.83	134.00	140.87	141.00	0.003596	2.98	218.10	73.00	0.31
RIVER-2 Reach-1 3000 ** Max WS 697.70 1131.50 1136.60 1139.50 0.00357.	KIVER-Z	Reach-1	5/00.*	Max WS	653.43	133./3	140.42	140.54	0.002377	2.79	234.23	144.00	0.36
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RIVER-2	Reach-1	5000.*	Max WS	667.13	133.30	139.00	140.00	0.003694	2.73	242.79	161 20	0.30
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	KIVER-2	Reach 1	5300."	Max WS	670.70	133.23	136.23	137.37	0.000207	8 02	220.33	78 60	0.42
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RIVER-2	Reach-1	5304 54*	May WS	672 67	133.00	135 66	137.00	0.027373	4 45	151 08	60 47	0.63
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RTVER-2	Reach-1	5209.09*	May WS	675 13	132.75	135 04	135.21	0.005000	3.30	204.58	93.59	0.30
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RTVER-2	Reach-1	5113.63*	Max WS	677.59	132.18	134.56	134.67	0.005021	2.73	248.47	127.37	0.34
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RIVER-2	Reach-1	5018.18*	Max WS	680.04	131.91	134.16	134.25	0.004306	2.37	286.94	162.11	0.31
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RIVER-2	Reach-1	4922.72*	Max WS	682.52	131.64	133.80	133.87	0.003897	2.13	320.84	197.97	0.29
RIVER-2 Reach-1 4721.81* Max WS 687.51 131.09 133.14 133.20 0.003766 1.82 373.47 280.55 0.28 RIVER-2 Reach-1 4461.63.60 Max WS 695.02 130.27 132.08 132.86 0.003760 1.66 402.41 330.47 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 0.42 0.25 RIVER-2 Reach-1 4445.45* Max WS 695.02 130.27 132.08 132.81 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 4450.* Max WS 695.02 130.27 132.08 132.80 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 130.00 131.47 131.55 0.004748 1.65 421.33 442.85 0.30 RIVER-2 Reach-1 450.* Max WS 697.54 131.00 0.004761 1.62 431.33 442.85 0.00476 1.62 431.35 0.00476 1.62 431.45 0.00476 1.62	RIVER-2	Reach-1	4827.27*	Max WS	685.03	131.36	133.47	133.53	0.003706	1.95	350.73	227 NO	0.28
RTVER-2 Reach-1 2810. 5* MAX WS 735.95 124.00 126.93 125.64 126.66 0.003865 1.49 493.75 520.81 0.26 RIVER-2 Reach-1 2725.* MAX WS 738.23 123.52 126.64 126.68 0.003865 1.49 493.75 520.81 0.27 RIVER-2 Reach-1 2735.* MAX WS 740.78 122.53 126.12 126.64 0.003919 1.50 493.95 5319.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.85 519.11 0.27 RIVER-2 Reach-1 2550.* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.79 121.58 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.79 121.58 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.36 0.003469 1.45 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003378 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.66 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.60.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 1.30 0.85 80.89 0.23 RIVER-2 Reach-1 1.60.* MAX WS 766.68 120.93 124.10 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.60.* MAX WS 773.85 118.62 122.54 122.54 0.003607 1.45 533.55 527.74 572.22 680.03 RIVER-2 Reach-1 1.50.* MAX WS 773.85 118.62 122.54 122.54 0.003652 1.60 0.003654 1.50 0.003655 1.45 533.60 0.25 RIVER-2 Reach-1 1.50.4 MAX WS 773.45 117.85 121.90 1.20.67 122.50 0.003656 1.45 533.70 465.34 0.26 RIVER-2 Reach-1 1.50.5 MAX WS 773.	RIVER-2	Reach-1	4731.81*	Max WS	687.51	131.09	133.14	133.20	0.003626	1.82	378.47	280.85	0.28
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	4636.36*	Max WS	690.03	130.82	132.82	132.86	0.003702	1.71	402.82	331.78	0.27
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	4540.90*	Max WS	692.52	130.55	132.46	132.51	0.004080	1.66	418.41	390.42	0.28
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	4445.45*	Max WS	695.02	130.27	132.08	132.13	0.004/48	1.65	421.33	442.85	0.30
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-Z	Reach-1	4350	Max WS	697.54	130.00	131.47	131.33	0.013881	2.23	309.99	457.33	0.48
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach 1	4200." 4170 *	Max WS	701 88	129.40	130.07	130.33	0.011247	1 87	376.07	469 95	0.44
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	DIVED-3	Paach-1	4080 *	Max WS	701.00	128 20	130.33	130.43	0.007034	1 62	433 53	484 27	0.30
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RTVER-2	Reach-1	3990.*	Max WS	706.24	127.60	129.74	129.77	0.003745	1.48	477.72	495.48	0.27
RTVER-2 Reach-1 2812.5° MAX WS 738.23 123.5° 126.64 126.68 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2725.° MAX WS 740.51 123.03 126.37 126.64 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2735.° MAX WS 740.78 122.55 126.12 126.64 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2637.5° MAX WS 742.78 122.55 126.12 126.60 0.003686 1.47 503.49 3.95 519.11 0.27 RIVER-2 Reach-1 2550.° MAX WS 742.78 122.55 126.12 126.60 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5° MAX WS 745.03 122.50 125.59 125.60 0.003686 1.47 500.41 0.26 RIVER-2 Reach-1 2467.5° MAX WS 749.39 121.58 125.59 125.50 0.00369 1.46 514.27 513.90 0.26 RIVER-2 Reach-1 2467.5° MAX WS 749.39 121.58 125.59 125.50 0.00369 1.46 514.27 513.90 0.26 RIVER-2 Reach-1 2183.33° MAX WS 752.05 121.07 125.05 125.08 0.003369 1.45 252.06 525.48 0.25 RIVER-2 Reach-1 2183.33° MAX WS 754.51 121.07 125.05 125.08 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 2267.5° MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 191.66° MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 191.66° MAX WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 71.56 0.24 RIVER-2 Reach-1 1895.83° MAX WS 761.85 120.93 124.76 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1895.83° MAX WS 766.28 120.93 124.03 124.60 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1895.83° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.21 1.30 0.85 80.89 0.21 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.21 1.30 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.25 600.20 549.76 0.21 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.60 123.81 123.85 0.002155 1.25 600.20 549.76 0.21 RIVER-2 Reach-1 160.0° MAX WS 773.85 118.62 120.43 123.60 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 160.0° MAX WS 773.85 118.62 120.43 123.60 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1324.61° MAX WS 773.85 118.62 120.43 123.00 0.003675 1.45 534.76 502.74 0.24 RIV	RIVER-2	Reach-1	3900	Max WS	708.42	127.00	129.50	129.53	0.003241	1.40	504.92	508.27	0.25
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	3800.*	Max WS	711.19	126.70	129.25	129.28	0.003234	1.41	503.78	501.74	0.25
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	3700.*	Max WS	713.96	126.40	129.00	129.03	0.003203	1.42	503.96	495.68	0.25
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	3600.*	Max WS	716.72	126.10	128.76	128.79	0.003142	1.42	505.82	490.30	0.25
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	3500.*	Max WS	719.47	125.80	128.51	128.55	0.003042	1.41	510.21	400.17	0.24
RTVER-2 Reach-1 2810. 5* MAX WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* MAX WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.55 519.11 0.27 RIVER-2 Reach-1 2637.5* MAX WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2637.5* MAX WS 740.78 121.15 125.55 126.12 126.16 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2467.5* MAX WS 740.53 121.15 125.59 125.60 0.003578 1.47 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 740.59 121.10 125.33 125.60 0.003469 1.44 500.15 315.01 0.26 RIVER-2 Reach-1 2279.16* MAX WS 752.05 121.07 125.05 125.08 0.003364 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.91.66* MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.76 124.79 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1.895.83* MAX WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.895.83* MAX WS 766.28 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 630.08 580.89 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.03 123.60 0.003557 1.28 600.20 549.76 0.21 RIVER-2 Reach-1 1.105.* MAX WS 773.68 120.93 124.10 124.03 123.60 0.003557 1.28 600.20 549.76 0.23 RIVER-2 Reach-1 1.105.* MAX WS 773.48 120.93 124.10 120.00	RIVER-2	Reach-1	3400.*	Max WS	722.22	125.50	128.27	128.30	0.002900	1.40	517.12	403.44	0.24
RTVER-2 Reach-1 2810. 5* Max WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* Max WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2550.* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 138.02 0.26 RIVER-2 Reach-1 2450.5* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 138.02 0.26 RIVER-2 Reach-1 2450.5* Max WS 740.78 121.15 125.59 125.59 125.60 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2460.5* Max WS 740.79 121.58 125.59 125.50 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2279.16* Max WS 740.59 121.50 125.59 125.50 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2279.16* Max WS 740.59 121.10* 125.50 125.05 125.08 0.003369 1.45 500.15 135.01 0.26 RIVER-2 Reach-1 2279.16* Max WS 754.51 121.07 125.05 125.08 0.003369 1.45 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* Max WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 191.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 46.61 0.25 RIVER-2 Reach-1 191.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 180.0* Max WS 766.28 120.93 124.03 123.63 123.85 0.002155 1.21 130.08 580.89 0.21 RIVER-2 Reach-1 160.1* Max WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 130 0.002658 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1515.* Max WS 773.85 118.62 122.54 123.55 0.003631 1.45 535.75 774.19 0.27 RIVER-2 Reach-1 150.1* Max WS 773.85 118.62 122.54 122.54 0.003652 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1515.* Max WS 773.85 118.62 122.54 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 133.84* Max WS 773.76 117.85 121.10 121.10 121.10 0.003487 1.55 577.74 592.22 0.26 RIVER-2 Reach-1 133.84* Max WS 773.45 1	RIVER-2	Reach 1	3300.°	Max WS	724.97	123.20	120.03	120.00	0.002320	1.40	518 82	480 41	0.24
RTVER-2 Reach-1 2810. 5* Max WS 738.23 123.5; 124.00 126.93 126.64 126.68 0.003865 1.49 493.25 520.81 0.27 RIVER-2 Reach-1 2725.* Max WS 740.51 123.03 126.37 126.64 0.003919 1.50 493.55 519.11 0.27 RIVER-2 Reach-1 2637.5* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.59 519.11 0.27 RIVER-2 Reach-1 2550.* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 138.02 0.26 RIVER-2 Reach-1 2450.5* Max WS 740.78 122.55 126.12 126.15 0.003686 1.47 503.49 138.02 0.26 RIVER-2 Reach-1 2450.5* Max WS 740.78 121.15 125.59 125.59 125.60 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2460.5* Max WS 740.79 121.58 125.59 125.50 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2279.16* Max WS 740.59 121.50 125.59 125.50 0.003578 1.47 500.15 131.50 0.26 RIVER-2 Reach-1 2279.16* Max WS 740.59 121.10* 125.50 125.05 125.08 0.003369 1.45 500.15 135.01 0.26 RIVER-2 Reach-1 2279.16* Max WS 754.51 121.07 125.05 125.08 0.003369 1.45 525.06 525.48 0.25 RIVER-2 Reach-1 2267.5* Max WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.25 RIVER-2 Reach-1 191.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 46.61 0.25 RIVER-2 Reach-1 191.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 180.0* Max WS 766.28 120.93 124.03 123.63 123.85 0.002155 1.21 130.08 580.89 0.21 RIVER-2 Reach-1 160.1* Max WS 766.68 120.93 124.03 123.63 123.85 0.002155 1.21 130 0.002658 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1515.* Max WS 773.85 118.62 122.54 123.55 0.003631 1.45 535.75 774.19 0.27 RIVER-2 Reach-1 150.1* Max WS 773.85 118.62 122.54 122.54 0.003652 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1515.* Max WS 773.85 118.62 122.54 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 133.84* Max WS 773.76 117.85 121.10 121.10 121.10 0.003487 1.55 577.74 592.22 0.26 RIVER-2 Reach-1 133.84* Max WS 773.45 1	RIVER-2	Reach-1	3100 *	Max WS	727.72	124.50	127.76	127 55	0.002037	1 41	517.82	476.93	0.24
RTVER-2 Reach-1 2812.5° MAX WS 738.23 123.5° 126.64 126.68 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2725.° MAX WS 740.51 123.03 126.37 126.64 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2735.° MAX WS 740.78 122.55 126.12 126.64 0.003865 1.49 495.25 520.81 0.27 RIVER-2 Reach-1 2637.5° MAX WS 742.78 122.55 126.12 126.60 0.003686 1.47 503.49 3.95 519.11 0.27 RIVER-2 Reach-1 2550.° MAX WS 742.78 122.55 126.12 126.60 0.003686 1.47 503.49 3.80 0.26 RIVER-2 Reach-1 2467.5° MAX WS 745.03 122.50 125.59 125.60 0.003686 1.47 500.41 0.26 RIVER-2 Reach-1 2467.5° MAX WS 749.39 121.58 125.59 125.50 0.00369 1.46 514.27 513.90 0.26 RIVER-2 Reach-1 2467.5° MAX WS 749.39 121.58 125.59 125.50 0.00369 1.46 514.27 513.90 0.26 RIVER-2 Reach-1 2183.33° MAX WS 752.05 121.07 125.05 125.08 0.003369 1.45 252.06 525.48 0.25 RIVER-2 Reach-1 2183.33° MAX WS 754.51 121.07 125.05 125.08 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 2267.5° MAX WS 754.51 121.00 124.49 124.52 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 191.66° MAX WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 191.66° MAX WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 71.56 0.24 RIVER-2 Reach-1 1895.83° MAX WS 761.85 120.93 124.76 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1895.83° MAX WS 766.28 120.93 124.03 124.60 0.002647 1.30 587.47 571.56 0.24 RIVER-2 Reach-1 1895.83° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.21 1.30 0.85 80.89 0.21 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.21 1.30 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.63 123.85 0.002155 1.25 600.20 549.76 0.21 RIVER-2 Reach-1 160.0° MAX WS 766.68 120.43 123.60 123.81 123.85 0.002155 1.25 600.20 549.76 0.21 RIVER-2 Reach-1 160.0° MAX WS 773.85 118.62 120.43 123.60 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 160.0° MAX WS 773.85 118.62 120.43 123.60 0.003675 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1324.61° MAX WS 773.85 118.62 120.43 123.00 0.003675 1.45 534.76 502.74 0.24 RIV	DTVED-2	Peach-1	3000 *	May WS	733.70	124.30	127.24	127.27	0.0023131	1.44	509.35	480.75	0.25
RIVER-2 Reach-1 275.* Max WS 738.23 123.52 126.64 126.68 0.003865 1.49 495.75 520.81 0.27 RIVER-2 Reach-1 275.* Max WS 740.51 123.03 126.37 126.40 0.003919 1.50 493.95 520.81 0.27 RIVER-2 Reach-1 2637.5* Max WS 742.78 122.55 126.12 126.15 0.003686 1.47 503.95 518.81 0.26 RIVER-2 Reach-1 255.5 * Max WS 742.78 122.55 126.12 126.15 0.003686 1.47 503.95 518.81 0.26 RIVER-2 Reach-1 255.5 * Max WS 747.33 121.58 125.99 125.62 0.003578 1.47 509.15 515.51 0.26 RIVER-2 Reach-1 237.5 Max WS 749.59 121.10 125.86 125.90 0.003503 1.45 512.40 518.02 0.26 RIVER-2 Reach-1 237.5 Max WS 749.59 121.10 7 125.05 125.06 0.003578 1.47 509.15 515.51 0.26 RIVER-2 Reach-1 2279.16* Max WS 752.05 121.07 125.05 125.08 0.003354 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2183.33* Max WS 754.51 121.03 124.76 124.79 0.003473 1.44 524.83 525.06 525.48 0.25 RIVER-2 Reach-1 1991.68* Max WS 756.57 121.09 124.46 124.79 0.003470 1.44 524.83 53.61 0.25 RIVER-2 Reach-1 1991.68* Max WS 756.57 121.09 124.46 124.79 0.003470 1.47 535.28 536.75 0.24 RIVER-2 Reach-1 1991.68* Max WS 756.48 120.99 123.83 124.66 0.002647 1.30 587.47 1.27 588.75 0.24 RIVER-2 Reach-1 1800.88* Max WS 766.68 120.43 123.83 123.85 0.002155 1.21 630.08 589.76 0.21 RIVER-2 Reach-1 1800.88* Max WS 766.68 120.43 123.63 123.85 0.002155 1.21 630.08 589.76 0.21 RIVER-2 Reach-1 150.8* Max WS 776.98 119.95 123.42 123.45 0.003401 1.47 535.28 601.20 589.89 0.21 RIVER-2 Reach-1 150.8* Max WS 776.68* 120.49 119.47 123.63 123.83 123.85 0.002155 1.21 630.08 589.76 0.21 RIVER-2 Reach-1 150.8* Max WS 776.88 110.99 123.43 123.85 123.85 0.002155 1.21 630.08 589.76 0.21 RIVER-2 Reach-1 150.8* Max WS 776.98 119.95 123.42 123.45 0.003602 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 150.8* Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 537.79 580.51 0.26 RIVER-2 Reach-1 1324.61* Max WS 773.59 114.77 119.65 119.90 0.003632 1.60 0.	RTVFR-2	Reach-1	2900	Max WS	735.95	124.00	126.93	126.96	0.003481	1.46	505.30	507.34	0.26
RIVER-2 Reach-1 2637, 5* Max WS 740, 51 123, 03 126, 37 126, 40 0, 003919 1.50 493, 95 518, 11 0.27 RIVER-2 Reach-1 2637, 5* Max WS 742, 78 122, 55 126, 12 126, 15 0, 003666 1.47 503, 95 518, 81 0.26 RIVER-2 Reach-1 2462, 5* Max WS 745, 05 122, 07 125, 86 125, 90 0, 003503 1.45 512, 40 518, 02 0.26 RIVER-2 Reach-1 2462, 5* Max WS 749, 59 121, 10 125, 33 125, 59 0, 003503 1.45 512, 40 518, 02 0.26 RIVER-2 Reach-1 2375 Max WS 749, 59 121, 10 125, 33 125, 36 0, 003469 1.46 514, 27 509, 15 515, 51 0.26 RIVER-2 Reach-1 2279, 16* Max WS 752, 05 121, 07 125, 05 125, 08 0, 003354 1.43 525, 06 525, 48 0.25 RIVER-2 Reach-1 2183, 33* Max WS 754, 51 121, 03 124, 76 124, 79 0, 003470 1.44 524, 83 535, 91 0.26 RIVER-2 Reach-1 2087, 5* Max WS 754, 51 121, 03 124, 76 124, 79 0, 003470 1.44 524, 83 535, 91 0.26 RIVER-2 Reach-1 1891, 66* Max WS 759, 41 120, 97 124, 25 124, 28 0, 003070 1.37 555, 78 558, 75 0.24 RIVER-2 Reach-1 1895, 63* Max WS 761, 85 120, 93 124, 03 124, 03 124, 06 0, 002647 1.30 587, 45 571, 56 0.23 RIVER-2 Reach-1 1895, 83* Max WS 764, 28 120, 90 123, 83 123, 85 0, 002155 1.21 630, 08 580, 89 0.21 RIVER-2 Reach-1 1705, * Max WS 766, 68 120, 43 123, 63 123, 65 0, 002557 1.28 601, 20 549, 76 0.21 RIVER-2 Reach-1 1515, * Max WS 771, 49 119, 47 123, 17 122, 20 0, 003401 1.42 532, 20 546, 60 1.23 RIVER-2 Reach-1 1515, * Max WS 771, 49 119, 47 123, 17 122, 20 0, 003401 1.45 569, 42 6 522, 68 0.21 RIVER-2 Reach-1 1515, * Max WS 771, 49 119, 47 123, 17 122, 20 0, 003401 1.47 569, 42 6 50, 60 257 71, 28 601, 20 549, 76 0.21 RIVER-2 Reach-1 1515, * Max WS 773, 69 119, 47 123, 17 122, 20 0, 003657 1.28 601, 20 549, 76 0.21 RIVER-2 Reach-1 1515, * Max WS 773, 69 119, 47 123, 17 122, 20 0, 003657 1.28 601, 20 549, 76 0.21 RIVER-2 Reach-1 1515, * Max WS 773, 69 119, 47 123, 17 122, 20 0, 003657 1.28 601, 20 549, 76 0.21 RIVER-2 Reach-1 152, 23 ** Max WS 773, 69 118, 42 123, 17 122, 20 0, 003657 1.25 559, 20 0, 20 124, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0, 20 0	RIVER-2	Reach-1	2812.5*	Max WS	738.23	123.52	126.64	126.68	0.003865	1.49	495.75	520.81	0.27
RIVER-2 Reach-1 2567.5* Max WS 742.78 122.55 126.12 126.15 0.003686 1.47 503.95 518.81 0.26 RIVER-2 Reach-1 2550.* Max WS 745.05 122.07 125.86 125.90 0.003503 1.45 512.40 518.02 0.26 RIVER-2 Reach-1 2462.5* Max WS 747.33 121.58 125.59 125.62 0.003578 1.47 509.15 515.51 0.26 RIVER-2 Reach-1 2375 Max WS 749.59 121.10 71 125.03 125.62 0.003578 1.47 509.15 515.51 0.26 RIVER-2 Reach-1 2279.16* Max WS 752.05 121.07 125.05 125.06 0.00369 1.46 512.77 513.90 0.26 RIVER-2 Reach-1 2287.3* Max WS 752.05 121.07 125.05 125.08 0.003549 1.44 512.77 513.90 0.26 RIVER-2 Reach-1 2183.33* Max WS 754.55 121.03 124.76 125.05 125.08 0.003549 1.44 525.06 525.48 0.25 RIVER-2 Reach-1 2087.5* Max WS 754.55 121.03 124.76 124.29 0.003409 1.44 525.06 525.48 0.25 RIVER-2 Reach-1 2087.5* Max WS 754.51 121.03 124.76 124.28 0.003070 1.44 525.06 525.48 0.25 RIVER-2 Reach-1 1095.8* Max WS 756.91 120.97 124.25 124.28 0.003070 1.37 555.78 558.55 122.03 124.03 124.05 124.28 0.003070 1.37 555.78 558.55 122.03 RIVER-2 Reach-1 100.00 100.00 125.00 124.00 125.00 12	RIVER-2	Reach-1	2725.*	Max WS	740.51	123.03	126.37	126.40	0.003919	1.50	493.95	519.11	0.27
RIVER-2 Reach-1 2550.* Max WS 745.05 122.07 125.86 125.90 0.003578 1.45 512.40 118.02 0.26 RIVER-2 Reach-1 2462.5° Max WS 747.33 121.58 125.59 125.62 0.003578 1.47 509.15 515.51 0.26 RIVER-2 Reach-1 2275 Max WS 749.59 121.10 125.33 125.36 0.003469 1.46 514.27 513.90 0.26 RIVER-2 Reach-1 2279.16° Max WS 752.05 121.07 125.05 125.08 0.003584 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2183.33° Max WS 754.51 121.03 124.76 124.79 0.003470 1.44 524.83 335.91 0.26 RIVER-2 Reach-1 2183.33° Max WS 754.51 121.03 124.76 124.79 0.003470 1.44 524.83 335.91 0.26 RIVER-2 Reach-1 1991.66° Max WS 759.41 120.97 124.25 124.25 0.003401 1.42 533.20 456.61 0.25 RIVER-2 Reach-1 1895.83° Max WS 761.85 120.93 124.03 124.03 124.06 0.002575 1.21 630.88 389.90 1.21 RIVER-2 Reach-1 1895.83° Max WS 761.85 120.93 124.03 124.03 123.83 123.85 0.002575 1.21 630.68 389.90 1.21 RIVER-2 Reach-1 1705.° Max WS 766.68 120.43 123.83 123.85 0.002575 1.21 630.68 389.90 1.21 RIVER-2 Reach-1 1610.° Max WS 766.68 120.43 123.63 123.65 0.002575 1.21 630.68 389.90 1.21 RIVER-2 Reach-1 1610.° Max WS 769.08 119.95 123.42 123.42 123.60 0.002575 1.21 630.68 389.90 1.21 RIVER-2 Reach-1 1610.° Max WS 769.08 119.95 123.42 123.42 123.60 0.002575 1.21 630.60 224.78 6.0 124 RIVER-2 Reach-1 1610.° Max WS 773.85 118.62 122.47 123.40 0.003641 1.60 0.00248 1.35 124.64 124.78 6.0 124.78 124.78 6.0 124.78	RIVER-2	Reach-1	2637.5*	Max WS	742.78	122.55	126.12	126.15	0.003686	1.47	503.95	518.81	0.26
RIVER-2 Reach-1 2462.5° Max WS 747.33 121.58 125.59 125.60 0.003378 1.47 509.15 315.31 0.26 RIVER-2 Reach-1 2375 Max WS 749.59 121.10 125.33 125.66 0.033454 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2123.33° Max WS 752.05 121.07 125.05 125.08 0.003354 1.43 525.06 525.48 0.25 RIVER-2 Reach-1 2087.5° Max WS 754.51 121.03 124.76 124.79 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 2087.5° Max WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 191.66° Max WS 759.41 120.97 124.49 124.55 124.28 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1895.83° Max WS 756.97 121.00 124.49 124.55 124.28 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1895.83° Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1895.83° Max WS 766.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1705. ° Max WS 766.68 120.43 123.63 123.66 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1705. ° Max WS 766.68 120.43 123.63 123.66 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1515. ° Max WS 773.88 119.00 122.87 123.14 123.20 0.002658 1.35 569.42 522.66 0.23 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 123.14 123.20 0.002658 1.35 569.42 522.66 0.23 RIVER-2 Reach-1 1315. ° Max WS 773.85 118.62 122.54 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1324.61° Max WS 773.85 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1334.84° Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1338.84° Max WS 773.69 117.46 121.62 121.56 0.003458 1.55 537.71 579.22 0.26 RIVER-2 Reach-1 1338.84° Max WS 773.69 117.46 121.62 121.56 0.003458 1.55 537.71 579.22 0.26 RIVER-2 Reach-1 1338.84° Max WS 773.69 117.46 121.62 121.56 0.003458 1.55 537.74 579.22 0.26 RIVER-2 Reach-1 1338.84° Max WS 773.56 117.08 121.31 121.95 0.003458 1.55 537.74 579.22 0.26 RIVER-2 Reach-1 1338.84° Max WS 773.56 117.08 121.31 121.91 121.95 0.003458 1.55 537.74 579.22 0.26 RIVER-2 Reach-1 1330.86° Max WS 773.41 116.31 120.78 121.31 120.79	RIVER-2	Reach-1	2550.*	Max WS	745.05	122.07	125.86	125.90	0.003503	1.45	512.40	518.02	0.26
RIVER-2 Reach-1 23/5 Max WS 752.05 121.07 125.05 125.08 0.003369 1.48 314.27 315.30 0.20 RIVER-2 Reach-1 2183.33* Max WS 752.05 121.07 125.05 125.08 0.003369 1.48 3525.06 525.88 0.25 RIVER-2 Reach-1 2183.33* Max WS 754.51 121.03 124.76 124.79 0.003470 1.44 524.83 535.91 0.26 RIVER-2 Reach-1 1991.66* Max WS 756.97 121.00 124.49 124.52 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1991.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 0.24 Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1705.* Max WS 766.68 120.43 123.63 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1610.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.85 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.38 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 561.338* Max WS 773.34 116.61 120.78 121.00 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 566.223* Max WS 773.34 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 566.223* Max WS 773.34 116.69 121.07 121.00 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 566.223* Max WS 773.34 116.59 120.07 120.07 120.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 566.223* Max WS 773.34 1	RIVER-2	Reach-1	2462.5*	Max WS	747.33	121.58	125.59	125.62	0.003578	1.4/	509.15	515.51	0.26
RIVER-2 Reach-1 273.80° Max WS 754.01 121.03 124.76 124.79 0.003470 1.74 524.83 535.91 0.26 RIVER-2 Reach-1 2087.5° Max WS 756.57 121.00 124.49 124.52 0.003470 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1991.66° Max WS 759.41 120.97 121.03 124.76 124.28 0.003070 1.30 535.78 555.78 0.24 RIVER-2 Reach-1 1895.83° Max WS 759.41 120.97 124.03 124.03 124.06 0.002647 1.30 387.47 571.56 0.24 RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 124.06 0.002647 1.30 387.47 571.56 0.25 RIVER-2 Reach-1 1705. Max WS 764.28 120.90 123.83 124.03 124.06 0.002647 1.30 387.47 571.56 0.21 RIVER-2 Reach-1 1705. Max WS 766.68 120.43 123.63 123.66 0.002557 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1610. Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 509.42 522.68 0.23 RIVER-2 Reach-1 1515. Max WS 771.49 119.47 123.17 123.20 0.002658 1.35 509.42 522.68 0.23 RIVER-2 Reach-1 1420 Max WS 773.85 118.62 122.54 122.80 0.003622 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61° Max WS 773.85 118.62 122.54 122.80 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61° Max WS 773.85 118.62 122.54 122.86 0.003512 1.57 517.94 509.51 0.26 RIVER-2 Reach-1 1334.61° Max WS 773.76 117.85 121.91 121.35 0.003455 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46° Max WS 773.76 117.85 121.91 121.35 0.003455 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46° Max WS 773.76 117.85 121.91 121.45 0.003455 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 133.46° Max WS 773.76 117.85 121.91 121.47 0.003499 1.47 542.26 532.86 0.26 RIVER-2 Reach-1 943.076° Max WS 773.56 117.08 121.34 121.37 0.003495 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 566.5928 Max WS 773.56 117.08 121.34 121.37 0.003495 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 566.5928 Max WS 773.56 117.08 121.30 10.003490 1.47 542.26 533.80 0.26 RIVER-2 Reach-1 566.5928 Max WS 773.34 116.31 120.78 120.91 120.03 0.003455 1.59 527.74 579.22 0.26 RIVER-2 Reach-1 566.5928 Max WS 773.56 117.08 121.34 121.37 0.003455 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 566.5928 Max WS 773.34 116.69 121.07 121.00 0.003490 1.47 542.26 533.80 1.20 3	RIVER-Z	Reach-1	23/5	Max WS	749.59	121.10	125.33	125.30	0.003469	1.40	525 06	525 48	0.20
RIVER-2 Reach-1 1991.66* Max WS 756.97 121.00 124.49 124.55 0.003401 1.42 533.20 546.61 0.25 RIVER-2 Reach-1 1991.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 0.24 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 555.78 558.75 0.24 RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 123.65 0.002155 1.21 630.08 380.88 90 0.21 RIVER-2 Reach-1 1705.* Max WS 766.68 120.43 123.63 123.66 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1515.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 0.22 47 RIVER-2 Reach-1 1324.61* Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.88 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.76 117.85 121.91 121.60 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.76 117.85 121.91 121.60 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.60 117.08 121.34 121.37 0.003395 1.59 535.21 575.94 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003478 1.55 527.74 599.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003478 1.55 527.74 599.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003478 1.55 527.74 599.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003478 1.55 535.21 575.94 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003478 1.55 535.21 575.94 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.95 120.47 120.99 120.23 0.003582 1.50 0.003478 1.55 542.00 0.	KIVER-Z	Reach 1	22/9.10" 2192 22*	Max WS	754.03	121.07	124 76	124 79	0.003334	1 44	524.83	535.91	0.26
RIVER-2 Reach-1 1891.66* Max WS 759.41 120.97 124.25 124.28 0.003070 1.37 555.78 558.75 0.24 RIVER-2 Reach-1 1895.83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1705.* Max WS 766.68 120.43 123.63 123.85 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1515.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 120.90 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.85 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1133.84* Max WS 773.79 118.23 122.22 122.26 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.74 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.56 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 115.92 120.47 120.51 0.003375 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.91 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 466.153* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reac	KIVER-2	Reach-1	2103.33"	Max WS	756 97	121.03	124 49	124 52	0.003401	1.42	533.20	546.61	0.25
RIVER-2 Reach-1 1895 83* Max WS 761.85 120.93 124.03 124.06 0.002647 1.30 587.47 571.56 0.23 RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1705.* Max WS 766.68 120.43 123.63 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1610.* Max WS 766.68 120.43 123.63 123.85 0.002155 1.21 630.08 580.89 0.21 RIVER-2 Reach-1 1610.* Max WS 769.08 119.95 123.42 122.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 779.08 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 129.23* Max WS 773.88 119.00 122.87 122.50 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 129.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 129.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.04 121.05 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.36 117.08 121.04 121.05 0.003478 1.55 527.76 540.63 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 116.31 120.78 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.34 116.30 120.78 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 666.923* Max WS 773.34 115.54 120.07 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 666.53* Max WS 773.34 115.54 120.07 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 120.07 120.33 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 120.30 0.003847 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003847 1.70 421.00 0.3344 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003682 2.97 88.08 139.29 0.50 142.24 0.48 RIVER-2 Reach-1 180 Max WS 773.33 115.15 119.91 119.96 0.003887 1.80 421.00	RTVFR~2	Reach-1	1991.66*	Max WS	759.41	120.97	124.25	124.28	0.003070	1.37	555.78	558.75	0.24
RIVER-2 Reach-1 1800 Max WS 764.28 120.90 123.83 123.85 0.002155 1.21 630.08 \$80.89 0.21 RIVER-2 Reach-1 1705.* Max WS 766.68 120.43 123.63 123.66 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1515.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 509.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.60 122.87 122.90 0.003652 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.60 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 133.84* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.56 117.08 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 847.692* Max WS 773.56 117.08 121.07 121.10 0.003459 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003459 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.523* Max WS 773.34 115.92 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.523* Max WS 773.34 115.92 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.538* Max WS 773.34 115.92 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.538* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.65 481.98 100.23 1.57 1.50 1.003434 1.58 100.23 1.59 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	RIVER-2	Reach-1	1895.83*	Max WS	761.85	120.93	124.03	124.06	0.002647	1.30	587.47	571.56	0.23
RIVER-2 Reach-1 1705.* Max WS 766.68 1120.43 123.63 123.66 0.002357 1.28 601.20 549.76 0.21 RIVER-2 Reach-1 1610.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002695 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.62 122.54 122.58 0.03641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.58 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1334.46* Max WS 773.76 117.85 121.91 121.95 0.003455 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 533.21 575.94 0.26 RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 752.307* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.47 120.51 0.003476 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003476 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 666.23* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 666.23* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 666.23* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 666.23* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 666.23* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 275.384* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.33 115.15 119.91 119.96 0.003565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 326 Max WS 173.65 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325	RIVER-2	Reach-1	1800	Max WS	764.28	120.90	123.83	123.85	0.002155	1.21	630.08	580.89	0.21
RIVER-2 Reach-1 1610.* Max WS 769.08 119.95 123.42 123.45 0.002658 1.35 569.42 522.68 0.23 RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1133.84* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 943.076* Max WS 773.69 117.46 121.62 121.65 0.003478 1.55 535.21 575.94 0.26 RIVER-2 Reach-1 943.076* Max WS 773.86 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 656.923* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.33 115.54 120.19 120.23 0.003583 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.54 120.19 120.23 0.003583 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.54 120.19 120.23 0.003584 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.35 114.77 119.65 119.94 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 275.384* Max WS 773.85 114.77 119.65 119.94 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 275.384* Max WS 773.85 114.77 119.65 119.94 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005482 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.09 170.18 0.005800 2.99 88.08 159.29 0	RIVER-2	Reach-1	1705.*	Max WS	766.68	120.43	123.63	123.66	0.002357	1.28	601.20	549.76	0.21
RIVER-2 Reach-1 1515.* Max WS 771.49 119.47 123.17 123.20 0.002995 1.45 534.76 502.74 0.24 RIVER-2 Reach-1 1420 Max WS 773.88 119.00 122.87 122.90 0.003632 1.60 494.42 478.63 0.27 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.62 122.54 122.58 0.003641 1.60 501.67 574.19 0.27 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1133.84* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003475 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 943.076* Max WS 773.69 117.46 121.62 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.51 0.003476 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 752.307* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 565.538* Max WS 773.34 115.54 120.19 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.54 120.19 120.51 0.003487 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.34 115.55 119.91 120.51 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 120.51 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 326 Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-1 Reach-1 325.5* Max WS 162.88 168.50 170.09 170.61 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.5* Max WS 162.88 168.50 170.09 170.61 170.45 0.004832 2.76 86.23 151.07 0.46	RIVER-2	Reach-1	1610.*	Max WS	769.08	119.95	123.42	123.45	0.002658	1.35	569.42	522.68	0.23
RIVER-2 Reach-1 1324.61* Max WS 773.85 119.00 122.87 RIVER-2 Reach-1 1324.61* Max WS 773.85 118.62 122.54 RIVER-2 Reach-1 1229.23* Max WS 773.79 118.23 122.22 122.26 0.003512 1.57 517.97 580.51 0.26 RIVER-2 Reach-1 1133.84* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 752.307* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.34 116.31 120.78 120.81 0.0033434 1.55 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.81 0.0033434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 120.23 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 180 Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 773.25 114.77 119.65 119.70 0.003562 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 774.91 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 325.5* Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	1515.*	Max WS	771.49	119.47	123.17	123.20	0.002995	1.45	534./6	502.74	0.24
RIVER-2 Reach-1 129,23* Max WS 773.79 118.23 122.22 122.66 0.003512 1.00 301.07 517.19 50.26 RIVER-2 Reach-1 1133.84* Max WS 773.79 118.23 122.22 122.66 0.003512 1.57 517.97 580.551 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 943.076* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 752.307* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 773.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 149.95 168.75 170.36 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	1420	Max WS	7/3.88	119.00	122.87	122.90	0.003634	1.60	494.42 501.67	4/0.03 57/ 10	0.27
RIVER-2 Reach-1 1133.84* Max WS 773.76 117.85 121.91 121.95 0.003478 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003475 1.55 527.74 579.22 0.26 RIVER-2 Reach-1 847.692* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.92 120.47 120.51 0.003494 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.25 114.77 119.65 110.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 773.25 114.77 119.65 110.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 774.912 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	1324.61*	Max WS	//3.85 772 70	118.62	122.54	122.30	0.003041	1.50	517 97	580 51	0.27
RIVER-2 Reach-1 1038.46* Max WS 773.69 117.46 121.62 121.65 0.003455 1.52 535.21 575.94 0.26 RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.33 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.25 114.77 119.65 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 180 Max WS 774.80 114.38 119.34 119.42 0.005565 1.70 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 325.5* Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	1133 84*	Max WS	773.75	117.85	121 91	121.95	0.003312	1.55	527.74	579.22	0.26
RIVER-2 Reach-1 943.076* Max WS 773.56 117.08 121.34 121.37 0.003395 1.49 542.85 572.14 0.26 RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 466.153* Max WS 773.33 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 180 Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.46 170.18 0.005800 2.99 88.08 159.29 0.50	PTVFR-2	Reach-1	1038 46*	Max WS	773.69	117.46	121.62	121.65	0.003455	1.52	535.21	575.94	0.26
RIVER-2 Reach-1 847.692* Max WS 773.48 116.69 121.07 121.10 0.003409 1.47 544.26 563.86 0.26 RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 370.769* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 275.384* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 325.5* Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RTVFR-2	Reach-1	943.076*	Max WS	773.56	117.08	121.34	121.37	0.003395	1.49	542.85	572.14	0.26
RIVER-2 Reach-1 752.307* Max WS 773.41 116.31 120.78 120.81 0.003376 1.51 527.76 516.63 0.26 RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26 RIVER-2 Reach-1 561.538* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 325.5* Max WS 150.61 169.00 170.61 170.71 0.003342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	847.692*	Max WS	773.48	116.69	121.07	121.10	0.003409	1.47	544.26	563.86	0.26
RIVER-2 Reach-1 656.923* Max WS 773.34 115.92 120.47 120.51 0.003434 1.58 503.70 465.34 0.26	RIVER-2	Reach-1	752.307*	Max WS	773.41	116.31	120.78	120.81	0.003376	1.51	527.76	516.63	0.26
RIVER-2 Reach-1 561.538* Max WS 773.34 115.54 120.19 120.23 0.003533 1.65 481.98 425.42 0.27 RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.003564 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	656.923*	Max WS	773.34	115.92	120.47	120.51	0.003434	1.58	503.70	465.34	0.26
RIVER-2 Reach-1 466.153* Max WS 773.33 115.15 119.91 119.96 0.00384 1.70 461.59 381.81 0.27 RIVER-2 Reach-1 370.769* Max WS 773.25 114.77 119.65 119.70 0.003887 1.80 421.00 323.53 0.28 RIVER-2 Reach-1 275.384* Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RTVER-2	Reach-1	561.538*	Max WS	773.34	115.54	120.19	120.23	0.003533	1.65	481.98	445.44	0.27
RIVER-2 Reach-1 275.384* Max WS 772.80 114.38 119.34 119.42 0.005565 2.17 344.51 257.17 0.34 RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.91 0.007121 3.43 218.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	466.153*	Max WS	773.33	115.15	119.91	119.96	0.003564		401.39 421.00	301.01	0.27
RIVER-2 Reach-1 180 Max WS 749.12 114.00 118.73 118.73 128.70 101.33 0.41 RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-2	Reach-1	3/0./69*	Max WS	7/3.25	114.//	119.00 110.24	119.70	0.003007	2 17	344 51	257 17	0.20
RIVER-1 Reach-1 326 Max WS 150.61 169.00 170.61 170.71 0.005342 2.91 80.02 142.24 0.48 RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	KIVER-2	κeacn-⊥	2/5.384* 180	Max WS	//2.8U 7/0 12	114.30	112.34 118 73	118 91	0.003303	3.43	218.70	101.33	0.41
RIVER-1 Reach-1 325.5* Max WS 149.95 168.75 170.36 170.45 0.004832 2.76 86.23 151.07 0.46 RIVER-1 Reach-1 325.* Max WS 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RIVER-1	Reach-1	326	Max WS	150.61	169.00	170.61	170.71	0.005342	2.91	80.02	142.24	0.48
RIVER-1 Reach-1 325.* Max W5 162.88 168.50 170.09 170.18 0.005800 2.99 88.08 159.29 0.50	RTVER-1	Reach-1	325.5*	Max WS	149.95	168.75	170.36	170.45	0.004832	2.76	86.23	151.07	0.46
			325.*		162.88	168.50	170.09	170.18	0.005800	2.99	88.08	159.29	0.50

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RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	324.5*	Max WS	166.76	168.25	169.78		169.89 169.61 169.31 168.56 167.61 167.40 167.21 166.52 165.88 165.42 165.88 164.70 164.26 163.82 163.40 162.86 162.36 161.42 161.32 161.32 161.03 160.84 160.21 160.24 160.21 160.12 160.08	0.006560 0.004407 0.004196 0.015051 0.006538 0.002602 0.002614 0.002437 0.007487 0.005618 0.002637 0.004867 0.003232 0.007009 0.002121 0.009165 0.001669 0.004449 0.007499 0.006730 0.001406 0.001223 0.002123 0.002169 0.002169 0.002147 0.002169 0.000441 0.000453 0.000453 0.000302 0.002302 0.002093	3.14 2.63 3.23 5.35 3.28 1.76 1.49 1.39	90.23 113.69 88.57 32.71 130.19 146.36 162.79 146.68 96.75 133.69 115.85 83.38 159.44 96.62 104.15 98.62 273.02 244.43 202.81 170.71 176.86 259.40 467.09 351.69 320.18 294.05 292.29 98.71 75.92	182.42 200.56 192.85	0.53 0.445 0.83 0.33 0.31 0.31 0.51 0.45 0.346 0.37 0.55 0.31 0.628 0.45 0.57 0.57 0.25 0.25 0.36 0.33 0.31 0.63 0.45 0.51
RIVER-1 RIVER-1	Reach-1	324 323.*	Max WS	166.45	168.00	169.55		169.61	0.004407	2.63	113.69	200.56	0.44
RIVER-1	Reach-1	323.*	Max WS	166.98	167.02	169.18		169.31	0.004196	3.23	88.57	192.85	0.45
RIVER-1	Reach-1	322 320	Max WS	164.40	166.04	168.12	167.94	168.56	0.015051	5.35	32./1	47.58	0.83
RIVER-1 RIVER-1 RIVER-1	Reach-1	320	Max WS	192.47	166.00	167.55		167.61	0.006538	3.28	130.19	254.14	0.54
RIVER-1	Reach-1	319.*	Max WS	192.69	166.00	167.36		167.40	0.002602	1.76	164.36	370.92	0.33
RIVER-1 RIVER-1	Reach-1 Reach-1	319.* 318 317.*	Max WS	192.68	166.00	167.18		167.21	0.002614	1.49	162.79	505.59	0.31
RIVER-1	Reach-1	317."	Max WS	193.48	165.30	166.45		166.59	0.002437	1.39	140.00	3/0.32 175 73	0.30
RIVER-1 RIVER-1	Reach-1	316 315.*	Max WS	194.33	164 50	100.43		166.32	0.00/40/	2.10	92.00	1/3./3	0.31
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	313."	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	200.36	164.30	165 37		165 42	0.003618	2.04	133 69	239.47	0.43
DTVED-1	Reacti-1	314 313.*	May WS	200.30	163 50	167.37		165.08	0.002037	2.60	114 68	273 30	0.34
RIVER-1 RIVER-1	Peach-1	312	May WS	204.20	163.00	164.67		164 70	0.004007	2.03	181 60	355.06	0.40
RTVER-1	Reach-1	311 *	Max WS	206.34	162 50	164 17		164.76	0.003232	3 12	113.89	230.94	0.55
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	312 311.* 310 309.*	Max WS	208.22	162.00	163.79		163.82	0.002121	2.02	175.85	233.00	0.31
RIVER-1	Reach-1	309.*	Max WS	210.78	161.26	163.21		163.40	0.009165	3.63	83.38	260.01	0.63
RIVER-1 RIVER-1	Reach-1	308	Max WS	212.83	160.51	162.83		162.86	0.001669	1.82	159.44	165.99	0.28
RTVFR-1	Reach-1 Reach-1 Reach-1 Reach-1	307.* 306 305.*	Max WS	212.72	159.76	162.56		162.68	0.004449	2.85	96.62	299.98	0.45
RIVER-1	Reach-1	306	Max WS	214.93	159.00	162.18		162.36	0.007499	3.52	104.15	575.97	0.57
RIVER-1 RIVER-1 RIVER-1	Reach-1	305.*	Max WS	215.92	159.00	161.66		161.80	0.006730	3.18	98.62	494.50	0.54
RIVER-1	Reach-1	304	Max WS	214.93	159.00	161.40		161.42	0.001406	1.58	2/3.02	692.28	0.25
RIVER-1	Reach-1	303.*	Max WS	214.67	158./5	161.28		161.32	0.001390	1.93	244.43	662.06	0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	302 301.*	Max WS	213.90	150.30	160.06		161.22	0.002240	2.00	170 71	273 57	0.33
DTVED_1	Peach-1	300	Max WS	217.20	158.00	160.30		160.84	0.002123	2.70	176.86	260.30	0.37
RTVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	299 *	MAX WS MAX WS	217.57	166.04 166.00 166.00 165.50 165.50 165.50 164.50 164.50 163.50 162.50 162.50 162.50 162.50 162.50 159.00 159.00 159.00 158.75 158.50 158.31 158.62 158.31 158.01 157.51	169.55 169.18 168.12 167.55 167.36 167.38 166.96 166.45 165.81 165.87 164.17 163.21 162.83 162.18 161.60 161.28 161.14 160.96 160.78 160.29 160.23 160.23 160.20 160.11		160.66	0.002734	2.10 2.04 2.00 2.69 2.13 3.12 2.02 3.63 1.82 2.85 3.52 3.18 1.58 2.70 2.54 2.90 2.54 2.90 2.50	154.72	47.58 254.14 370.92 505.59 376.32 175.73 154.36 239.47 273.30 355.06 230.94 233.90 260.01 165.99 299.98 575.97 494.50 662.06 651.16 273.57 260.30 206.60 184.12 354.75 450.80 386.90	0.38
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	299.* 298 297.*	Max WS	216.24	158.62	160.43		160.47	0.002169	2.50	173.36	184.12	0.33
RIVER-1	Reach-1	297.*	Max WS	213.99	158.31	160.29		160.31	0.001114	1.76	259.40	354.75	0.24
RIVER-1	Reach-1	296 295.* 294 293.*	Max WS	214.79	158.00	160.23		160.24	0.000247	0.85	467.09	450.80	0.11
RIVER-1	Reach-1	295.*	Max WS	214.20	158.01	160.20		160.21	0.000421	1.10	351.69	386.90	0.15
RIVER-1 RIVER-1	Reach-1 Reach-1	294	Max WS	224.82	158.01	160.15		160.17	0.000431	1.10	320.18	322.75 217.05 151.35 65.02 36.21	0.15
RIVER-1	Reach-1	293.*	Max WS	224.79	157.51	160.11		160.12	0.000391	1.17 1.40 3.05 2.74	294.05	217.05	0.15
RIVER-1	Reach-1	292	Max WS	224.59	157.00	160.06		160.08	0.000453	1.40	252.29	151.35	0.16
RIVER-1	Reach-1	291.5	Max WS	218.38	157.00 157.00	159.93	150 30	160.04	0.002302	3.05	98.71	65.02	0.36
RIVER-1	Reach-1	290.62	Max WS	208.04	157.00	159.70	158.39	159.82	0.002093	2.74	75.92	30.21	0.33
RIVER-1	Reach-1	290.61	14 1-15	Briage	157 00	150.00		150 27	0.006024	4 21	E1 97	21 09	0.58
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	293.* 291.5 290.62 290.61 289.32 288.66* 288 287.* 286 285.*	Max WS	218.39	157.00	159.00		159.27	0.000934	4.21 4.39 1.05 1.29 1.40 3.04 2.97 3.40 3.65	50.60	38 50	0.38
RIVER-I	Reach-1	200.00"	Max WS	222.31 220.87	156.00	158 31		158 32	0.003032	1 05	409.02	427.29	0.14
RIVER-1	Peach-1	287 *	May WS	220.56	156.00	158 27		158.28	0.000535	1.29	345.09	387.56	0.17
RTVER-1	Reach-1	286	Max WS	220.50	156.00	158.22		158.23	0.000617	1.40	315.43	333.42	0.18
RIVER-1 RIVER-1	Reach-1	285.*	Max WS	220.68	155.50	158.05		158.18	0.003227	3.04	100.29	164.52	0.41
RIVER-1	Reach-1	284	Max WS	220.92	155.00	157.75		157.89	0.003367	2.97	74.47	45.62	0.41
RIVER-1 RIVER-1	Reach-1	284 283.* 282 281.*	Max WS	221.27	154.75	157.39		157.56	0.003869	3.40	77.36	88.68	0.45
RIVER-1 RIVER-1	Reach-1	282	Max WS	221.70	154.50	157.12		157.28	0.003522	3.70	108.14	140.63	0.43
RIVER-1	Reach-1	281.*	Max WS	222.19	154.25	156.78		156.95	0.003560	3.65	93.41	111.42	0.43
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	280 279.* 278 277.*	Max WS	222.71	154.00	156.37		156.59	0.004378	3.86	/3.61 67.07	103.26	0.48
RIVER-1	Reach-1	279.*	Max WS	223.22	153.25	155.98		156.18	0.003928	3.30	67.07 66.57	01.23 45 07	0.43
RIVER-1	Reach-1	2/8	Max WS	223./3	152.30	155.02		155.61	0.003089	3.37	66.09	70.41	0.77
RIVER-1	Reach-1	277."	Max WS	239.11	152.40	154 64		154 89	0.005204	4.19	77.53	100.82	0.55
DTVCD-1	Poach-1	275 *	Max WS	239.76	151.90	154.34		154.42	0.003106	2.25	116.59	142.96	0.34
RIVER-1 RIVER-1 RIVER-1	Reach-1	274	Max WS	239.91	151.40	154.08		154.13	0.003153	1.76	139.95	237.21	0.30
RIVER-1	Reach-1	273.*	Max WS	239.80	151.30	153.88		153.91	0.001809	1.46	180.14	235.40	0.23
RIVER-1	Reach-1	272	Max WS	240.10	151.20	153.78		153.80	0.000670	1.02	268.66	246.79	0.15
RIVER-1	Reach-1	276. * 275. * 274 273. * 272 271. * 270 269. *	MAX WS MAX WS	240.19	157.00 156.50 156.00 156.00 155.50 155.00 154.75 154.25 154.25 154.20 152.45 152.45 152.40 151.40 151.30 151.20 150.85 150.50 150.12 149.75 149.43	159.00 158.49 158.31 158.27 158.22 158.05 157.75 157.39 157.75 156.78 156.37 155.62 155.12 154.64 154.08 153.88 153.68 153.27 152.78 152.26		159.27 158.79 158.32 158.28 158.23 158.18 157.89 157.28 156.95 156.59 156.59 156.42 155.36 155.36 154.42 154.13 153.80 153.70 153.70 153.80	0.006934 0.009852 0.000359 0.000617 0.003227 0.003367 0.003560 0.003560 0.003560 0.004378 0.003928 0.005284 0.005284 0.005153 0.001809 0.001809 0.001474 0.005990 0.003902 0.004807 0.004234 0.003299	3.86 3.58 3.51 3.98 4.19 2.25 1.76 1.46 1.02 1.32 2.29 2.29 3.29 3.36	51.87 50.60 409.02 345.09 315.43 100.29 74.47 77.36 108.14 93.41 67.07 66.57 66.59 139.95 180.14 268.66 192.61 105.01 104.93 73.23 70.62 71.13	31.98 38.59 427.29 387.56 333.42 164.52 45.62 88.68 140.63 111.42 103.26 61.23 45.97 70.41 100.82 142.96 237.21 235.40 246.79 249.22 105.56 76.05	0.58 0.68 0.14 0.17 0.18 0.41 0.45 0.43 0.48 0.45 0.55 0.30 0.23 0.15 0.21 0.40 0.40 0.40
RIVER-1 RIVER-1	Reach-1	270	Max WS	240.26	150.50	153.27		153.35	0.005990	2.29	105.01	105.56	0.40
RIVER-1 RIVER-1	Reach-1	269.*	Max WS	240.70	150.12	152.78		152.86	0.003902	2.29	104.93	/6.05	0.34
RIVER-1	Reach-1	268	Max WS	240.68	149.75	152.26		152.43	0.00480/	3.29	70.63	35.36 35.28	0.40
RIVER-1 RIVER-1	Reach-1	267.265*	Max WS	237.14	149.43	151.92	150 60	152.09	0.004234	3.30	70.02 71 13	35.82	0.42
RIVER-1	Reacn-1	266.53	max WS	230.3U	149.10	T2T.02	150.60	131.04	0.003233	3.34	, 1.13	33.02	0.42
RIVER-1	Reach-1 Reach-1	268. 267.265* 266.53 266.52 265.05 264.033*	May We	166.76 166.48 164.40 192.69 192.69 192.68 193.48 194.35 197.26 200.20 204.11 206.32 210.78 212.83 212.72 214.93 214.69 214.93 214.67 215.96 217.26 218.42 217.57 216.24 213.99 214.20 224.79 224.59 218.87 220.87 220.87 220.87 220.87 220.87 220.92 221.77 221.70 222.71 223.22 233.73 239.11 239.40 239.91 239.90 240.19 240.68 237.14 239.91 239.91 239.91 239.91 239.91 239.91 239.91 239.91 239.91 239.91 239.91 239.76 239.91	148 65	151 03		151 25	0.004443	3.72	64.64	34.29	0.48
RIVER-1 RIVER-1	Reacti-1	264 033*	Max WS Max WS	240.00	148.65 148.24	151.03 150.62		151.25 150.83	0.004443 0.006668	3.72 3.69	64.64 65.24	34.29 43.20	0.48 0.53
KTAEK-T	reacii-T	204.033"	Max W3	240.37	170.27		Dago 1	130.03	3.00000	5.05			

#IVER-1							Kite	Creek.rep						
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	263.016*		240.39	147.84	150.23	•	150.37	0.006213	3.11	91.50	121.94	0.46
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	262	Max WS	240.28	147.43	150.03		150.05	0.001456	1.59	204.72	229.01	0.22
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	KTAFK-T	Reach-1	261."	Max WS	240.00	146.71	149.23	_	149.44	0.010607	3.34	127 65	01.07 171 /1	0.30
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	259 *	Max WS Max WS	241.04	146.00	148.05		148.23	0.003337	3.49	75.39	84.92	0.53
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-l	258	Max WS	241.12	1/6 00	147.74		147.79	0.003266	2.07	149.32	183.02	0.31
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	257.*	Max WS	241.35	145.50	147.47		147.52	0.003267	2.31	153.89	210.73	0.32
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	256	Max WS	241.57	145.00	147.06		147.15	0.006607	3.44	133.07	276.68	0.46
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	255.*	Max WS	251.45	144.50	146.52		146.66	0.008233	3.75	105.83	169.92	0.51
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	254	Max WS	251.61	144.00	145.91		146.06	0.008309	3.58	90.94	100.32	0.51
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	255."	Max WS	251.77	143.00	145.10		143.30	0.012361	2 62	00.97 145.60	182 76	0.02
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RTVER-1	Reach-1	251.*	Max WS	252.21	141.75	144.18		144.26	0.003013	2.59	148.51	266.59	0.36
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	250	Max WS	252.53	141.50	143.82		143.86	0.002485	1.94	215.17	425.86	0.28
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	249.*	Max WS	252.58	141.25	143.58		143.63	0.003378	2.14	181.04	388.18	0.32
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	248	Max WS	252.71	141.00	143.28		143.35	0.004017	2.37	146.25	370.23	0.35
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	247.*	Max WS	252.71	140.75	142.91		142.95	0.003515	2.10	1/6.58	293.31	0.32
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-I	Reach-1	246 245 *	Max WS	252.97 253 10	140.50	142.08		142.09	0.001006	3 35	203.99 107.01	131 73	0.10
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-I	Reach-1	243.	Max WS	253.10	139.75	142.08		142.18	0.005103	3.41	134.53		0.41
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RTVFR-1	Reach-1	243.*	Max WS	253.34	139.50	141.85		141.93	0.003982	2.76	136.81	180.89	0.36
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	242	Max WS	253.42	140.00	141.64		141.69	0.003527	2.21	160.78	226.18	0.33
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	241.*	Max WS	253.55	139.50	141.32		141.37	0.004227	2.39	150.50	217.04	0.36
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	240	Max WS	253.74	139.00	141.03		141.08	0.003079	2.23	152.45	1/2.63	0.31
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	239.*	Max WS	253.96	138.50	140.75		140.79	0.003183	2.99	152.77	247.43	0.31
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 220 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 1.36 321.68 331.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000500 0.000500 1.36 321.68 331.79 0.11 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.0000	RIVER-1	Reach-1	230 237 25*	Max WS Max WS	237.20	137.62	140.38		140.12	0.003794	2.03	158.77	260.31	0.33
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.73 0.35 RIVER-1 Reach-1 234.153* Max WS 253.82 135.73 138.87 139.05 0.003298 3.47 77.09 91.33 0.39 RIVER-1 Reach-1 233.076* Max WS 253.78 135.37 138.66 138.87 0.004967 3.94 96.97 230.12 0.44 RIVER-1 Reach-1 232 Max WS 253.76 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.76 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.55 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 230 Max WS 253.21 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.00 137.65 137.66 0.001504 1.99 243.62 361.96 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.86 136.50 0.005321 3.46 145.53 278.98 0.44 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.54 0.000925 1.50 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 264.50 133.48 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 264.50 133.40 136.23 136.54 0.000925 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.47 132.70 136.19 136.61 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.99 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0	RIVER-1	Reach-1	236.5	Max WS	253.88	137.25	139.62		139.72	0.008160	2.94	127.49	280.97	0.48
RIVER-1 Reach-1 235.23 Max WS 253.84 136.10 139.05 139.19 0.002239 2.98 85.27 37.70 133 RIVER-1 Reach-1 234.153* Max WS 253.84 136.10 138.67 139.05 0.002298 3.47 77.09 21.33 0.35 RIVER-1 Reach-1 233.076* Max WS 253.86 135.73 138.67 139.05 0.002298 3.47 77.09 21.33 0.35 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 2.30 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.47 77.09 0.002298 3.4	RIVER-1	Reach-1	235.85	Max WS	253.84	136.60	139.12	138.17	139.33	0.004006	3.65	69.55	35.14	0.46
RIVER-1 Reach-1 234.153* Max WS 253.84 136.10 139.05 139.19 0.002289 2.98 85.27 37.73 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.3	RIVER-1	Reach-1	235.84		Bridge						2 22	05.37	27 72	0.35
RIVER-1 Reach-1 233.076* Max WS 253.62 133.73 138.66 133.07 0.002697 3.44 0.00271 12.00.12 0.04 RIVER-1 Reach-1 233.076* Max WS 253.76 135.00 138.65 138.85 0.010266 5.11 106.75 400.93 0.04 RIVER-1 Reach-1 231.* Max WS 253.71 135.00 137.85 138.65 0.003569 2.85 130.06 130.06 1.00 RIVER-1 Reach-1 221.* Max WS 253.72 135.00 137.85 137.85 0.000503 1.00 0.003599 2.85 130.06 130.06 1.00 RIVER-1 Reach-1 229.* Max WS 263.91 134.00 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 229.* Max WS 263.91 134.00 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.68 0.001310 2.01 273.95 428.55 0.021 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 133.70 137.79 0.00599 2.90 151.40 360.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 133.79 137.70 0.00599 2.90 151.40 360.36 0.42 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 133.65 136.54 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 225.* Max WS 264.40 133.18 136.65 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 225.* Max WS 264.40 133.18 136.54 136.55 0.00521 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 264.40 133.12 136.52 136.57 0.00508 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 223.* Max WS 247.55 133.00 133.12 136.52 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 221.* Max WS 247.55 131.80 136.16 136.65 0.00521 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 221.* Max WS 247.55 131.00 133.12 136.22 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 221.* Max WS 247.55 131.40 136.16 136.16 0.000229 1.01 348.16 343.24 0.00 RIVER-1 Reach-1 221.* Max WS 247.55 131.00 135.16 136.16 136.16 0.000229 1.01 348.16 343.24 0.00 RIVER-1 Reach-1 211.* Max WS 247.55 131.40 136.16 136.16 136.16 0.000229 1.01 488.16 343.24 0.00 RIVER-1 Reach-1 211.* Max WS 247.55 131.40 136.16 136.16 136.16 0.000229 1.01 488.16 343.24 0.00 RIVER-1 Reach-1 211.* Max WS 247.55 131.00 135.06 136.14 136	RIVER-1	Reach-1	235.23	Max WS	253.84	136.10	139.05		139.19	0.002239	2.98	85.27	3/./3	0.35
RIVER-1 Reach-1 231.* Max WS 253.21 135.00 138.25 138.55 0.010956 5.11 106.75 409.93 0.59 RIVER-1 Reach-1 231.* Max WS 253.21 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 229.* Max WS 252.93 135.00 137.95 137.97 0.000805 1.50 337.77 450.89 0.17 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.77 450.89 0.17 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.75 137.79 0.000805 1.50 337.77 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.91 134.50 137.55 137.55 137.66 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 288.28 0.42 RIVER-1 Reach-1 223.* Max WS 260.64 133.25 136.54 136.86 0.005511 3.22 145.79 288.28 0.42 RIVER-1 Reach-1 223.* Max WS 260.64 133.12 136.32 136.34 136.35 0.005321 3.46 145.53 278.88 0.42 RIVER-1 Reach-1 223.* Max WS 271.00 133.12 136.32 136.34 0.00269 1.56 146.53 278.88 0.42 RIVER-1 Reach-1 221.* Max WS 271.00 133.12 136.32 136.34 0.00269 1.56 146.53 278.88 0.42 RIVER-1 Reach-1 221.* Max WS 274.58 132.40 136.10 136.10 0.000570 1.36 8311.79 RIVER-1 Reach-1 221.* Max WS 274.58 132.40 136.10 136.10 0.000570 1.36 8311.79 RIVER-1 Reach-1 221.* Max WS 274.58 132.40 136.10 136.10 0.0000570 1.36 8311.79 RIVER-1 Reach-1 221.* Max WS 274.58 131.80 136.16 136.16 0.0000570 1.36 8311.79 RIVER-1 Reach-1 210.* Max WS 274.59 131.80 136.16 136.16 0.0000570 1.36 831.49 343.24 0.09 RIVER-1 Reach-1 210.* Max WS 274.59 131.80 136.16 136.16 0.0000570 1.36 832.99 0.06 RIVER-1 Reach-1 217.* Max WS 274.58 131.20 136.16 136.16 0.0000570 1.36 832.99 0.06 RIVER-1 Reach-1 217.* Max WS 274.59 131.80 136.16 136.16 0.0000570 1.36 832.99 0.06 RIVER-1 Reach-1 217.* Max WS 274.59 131.80 136.16 136.16 0.0000570 0.48 743.44 0.09 RIVER-1 Reach-1 217.* Max WS 274.59 131.80 136.16 136.10 0.0000570 0.48 743.44 0.09 RIVER-1 Reach-1 217.4 Max WS 274.59	RIVER-1	Reach-1	234.153*	Max WS	253.82	135./3	138.87		139.05	0.003298	3.47	77.09 96.97	230 12	0.39
RIVER-1 Reach-1 231.* Max WS 253.21 135.00 137.94 138.01 0.003599 2.85 190.26 442.57 0.35 RIVER-1 Reach-1 230 Max WS 252.93 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.35 RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 228 Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 264.91 133.85 137.85 0.0003110 2.01 273.95 442.55 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 260.64 133.25 136.54 136.56 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.34 0.000252 1.34 6.145.53 278.98 0.44 RIVER-1 Reach-1 222. Max WS 244.32 133.00 136.23 136.24 0.000925 1.61 268.92 285.63 0.28 RIVER-1 Reach-1 221.* Max WS 247.57 132.80 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.57 131.80 136.16 136.17 0.000329 1.10 394.97 349.59 0.14 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 433.49 6 340.59 0.14 RIVER-1 Reach-1 218.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 433.49 6 340.59 0.6 RIVER-1 Reach-1 218.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 433.49 6 340.59 0.06 RIVER-1 Reach-1 218.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 433.49 6 340.59 0.06 RIVER-1 Reach-1 218.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 6 60.45 332.99 0.06 RIVER-1 Reach-1 218.* Max WS 247.57 131.80 136.16 136.16 0.000239 1.00 6 60.45 332.99 0.06 RIVER-1 Reach-1 211.* Max WS 247.57 131.80 136.16 136.16 0.000030 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 211.* Max WS 247.57 131.80 136.16 136.16 0.0000000 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 211.* Max WS 247.57 131.80 136.16 136.16 0.0000000 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 211.* Max WS 247.58 131.20 136.16 136.16 0.00000	RIVER-1	Reach-1	233.070"	Max WS	253.76	135.37	138.00		138.55	0.004307	5.11	106.75	409.93	0.59
RIVER-1 Reach-1 229.* Max WS 252.93 135.00 137.85 137.85 0.000503 1.09 406.13 500.54 0.13 RIVER-1 Reach-1 229.* Max WS 263.97 134.00 137.65 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 228 Max WS 263.97 134.00 137.65 137.68 0.001310 2.01 273.95 428.55 0.21 RIVER-1 Reach-1 226 Max WS 264.49 133.50 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 226 Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.60 133.55 136.54 136.66 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 224 Max WS 264.60 133.25 136.54 136.65 0.005511 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 261.00 133.12 136.32 136.34 136.65 0.005511 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 222. Max WS 243.32 133.00 136.23 136.34 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 222. Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 321.68 321.69 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 321.69 321.68 321.79 0.14 RIVER-1 Reach-1 220 Max WS 247.55 132.40 136.16 136.16 136.17 0.00029 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 10.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 218 Max WS 247.58 131.20 136.16 136.16 10.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 218 Max WS 247.59 131.80 136.16 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.69 131.98 136.15 136.14 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.59 131.50 136.13 136.13 136.13 0.000071 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 216 Max WS 247.59 131.50 136.13 136.13 136.13 0.000071 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 216 Max WS 263.66 132.50 136.13 136.13 136.13 0.000071 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 184.5 Max WS 263.64 132.50 136.13 136.13 136.13 0.000071 0.48 703.64 70 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 263.64 132.50 135.00 129.32 129.49 129.75 0.000189 0.78 538.87	RIVER-1	Reach-1	231.*	Max WS	253.21	135.00	137.94		138.01	0.003599	2.85	190.26	442.57	0.35
RIVER-1 Reach-1 229.* Max WS 263.91 134.50 137.77 137.79 0.000805 1.50 337.72 450.89 0.17 RIVER-1 Reach-1 227.* Max WS 263.97 134.00 137.65 137.68 0.001310 2.01 273.95 428.55 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 225.* Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 2224 Max WS 260.64 133.25 136.54 136.65 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 221.* Max WS 243.2 133.00 136.23 136.24 0.000925 1.61 268.92 285.63 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 221.* Max WS 247.55 131.40 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.16 136.16 0.000021 1.00 394.97 340.59 0.11 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.16 136.16 0.000021 1.00 394.97 340.59 0.11 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.16 136.16 0.000021 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.16 136.16 0.000021 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 211.* Max WS 247.59 131.80 136.15 136.14 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 211.* Max WS 263.61 133.62 136.14 136.13 0.000077 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 211.* Max WS 263.61 133.80 135.90 135.90 136.13 136.13 0.000077 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 184.5 Max WS 263.62 136.14 126.00 129.52 129.52 0.0001009 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184.5 Max WS 263.42 126.00 129.49 129.52 0.0001009 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184.5 Max WS 263.42 12	RIVER-1	Reach-1	230	Max WS	252.93	135.00	137.85		137.85	0.000503	1.09	406.13	500 54	0.13
RIVER-1 Reach-1 228 Max WS 263.97 134.00 137.65 137.68 0.001510 2.01 273.95 428.55 0.21 RIVER-1 Reach-1 227.* Max WS 264.19 133.85 137.52 137.56 0.001564 1.99 243.62 361.96 0.23 RIVER-1 Reach-1 226 Max WS 264.40 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.50 133.48 136.86 136.96 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 224 Max WS 260.64 133.25 136.54 136.65 0.005521 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.54 136.65 0.005321 3.46 145.53 278.98 0.41 Max WS 251.00 133.12 136.32 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 222 Max WS 243.32 133.00 136.23 136.24 0.000925 1.61 266.92 285.65 0.18 RIVER-1 Reach-1 220 Max WS 247.55 132.40 136.16 136.17 0.000329 1.10 394.97 340.59 0.14 RIVER-1 Reach-1 219.* Max WS 247.55 132.40 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 219.* Max WS 247.58 131.80 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 218 Max WS 247.58 131.98 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.16 0.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 136.15 0.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 136.15 0.000082 0.55 604.45 332.99 0.66 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 247.59 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 216 Max WS 247.59 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 216 Max WS 247.59 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 216 Max WS 247.69 131.98 136.13 136.	RIVER-1	Reach-1	229.*	Max WS	263.91	134.50	137.77		137.79	0.000805	1.50	337.72	450.89	0.17
RIVER-1 Reach-1 226 Max WS 264.49 133.70 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 225.* Max WS 264.60 133.87 137.19 137.19 137.27 0.005599 2.90 151.40 306.36 0.41 RIVER-1 Reach-1 224 Max WS 260.64 133.25 136.54 136.86 0.005511 3.22 145.79 289.28 0.42 RIVER-1 Reach-1 223.* Max WS 260.64 133.25 136.54 136.65 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 221.* Max WS 248.32 133.00 136.23 136.24 0.000925 1.61 268.92 288.63 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 219.* Max WS 247.55 132.40 136.16 136.17 0.000329 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.55 132.40 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 219.* Max WS 247.55 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.55 131.80 136.16 136.16 0.000029 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.59 131.80 136.16 136.16 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.15 0.000080 0.60 617.38 352.99 0.06 RIVER-1 Reach-1 213.* Max WS 263.61 132.50 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 213.* Max WS 263.66 132.50 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5* Max WS 292.35 131.88 136.13 136.13 0.000077 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 184.5* Max WS 292.35 131.88 136.13 136.13 0.000077 0.48 703.62 249.56 0.05 RIVER-1 Reach-1 184.5* Max WS 292.35 131.88 136.13 136.13 0.000077 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5* Max WS 292.35 131.88 136.13 136.13 0.000077 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5* Max WS 292.35 131.89 136.99 129.97 0.000080 0.000077 0.48 703.64 0.000077 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5* Max W	RIVER-1	Reach-1	228	Max WS	263.97	134.00	137.65		137.68	0.001310	2.01	2/3.95	428.55	0.21
RIVER-1 Reach-1 220	RIVER-1	Reach 1	227.*	Max WS	264.19	133.63	137.32		137.30	0.001304	2 90	151 40	306.36	0.23
RIVER-1 Reach-1 224 Max WS 261.64 133.25 136.54 136.55 0.005321 3.46 145.53 278.98 0.41 RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.54 0.000925 1.61 268.92 285.63 0.18 RIVER-1 Reach-1 221.* Max WS 248.32 133.00 136.23 136.24 0.000925 1.61 268.92 285.63 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 220 Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 210.* Max WS 247.55 132.40 136.16 136.16 136.17 0.000329 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 218.* Max WS 247.58 131.20 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 217.* Max WS 247.58 131.20 136.16 136.16 0.000229 1.10 394.97 340.59 0.10 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.16 136.16 0.000229 1.10 394.97 340.59 0.00 RIVER-1 Reach-1 216 Max WS 247.69 131.98 136.15 0.00080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 0.00080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 215.* Max WS 263.66 132.50 136.14 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 214 Max WS 263.66 132.50 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000077 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 212 Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5 Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5 Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5 Max WS 292.35 131.00 129.49 129.78 0.003159 4.40 46.67 390.00 9.36 RIVER-1 Reach-1 184.5 Max WS 292.35 131.00 129.49 129.78 0.003159 4.40 46.67 390.00 9.37 130	RIVER-I	Reach-1	225 *	May WS	264.50	133.70	136.86		136.96	0.005511	3.22	145.79	289.28	0.42
RIVER-1 Reach-1 223.* Max WS 251.00 133.12 136.32 136.37 0.002608 2.52 189.05 283.27 0.29 RIVER-1 Reach-1 222 Max WS 248.32 133.00 136.23 136.24 0.000925 1.61 268.92 285.63 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 220 Max WS 247.55 132.40 136.16 136.16 0.000329 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.55 132.40 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 218 Max WS 247.58 131.20 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.58 131.20 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.58 131.20 136.16 136.15 0.000080 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 216 Max WS 247.79 132.75 136.14 136.15 0.000080 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 215.* Max WS 247.99 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 214 Max WS 263.66 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 213.* Max WS 223.35 131.80 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 213.* Max WS 292.35 131.80 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 211.94 Culvert REACH-1 184.25* Max WS 292.35 131.00 135.96 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.5 Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.5 Max WS 535.64 126.00 129.47 129.50 0.000170 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184.5 Max WS 541.27 126.00 129.97 129.50 0.000170 0.78 538.77 395.00 0.36 RIVER-1 Reach-1 184.5 Max WS 541.27 126.00 129.49 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184. Max WS 541.27 126.00 129.49 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184. Max WS 541.27 126.00 129.47 129.50 0.000170 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 181.* Max WS 541.07 126.00 129.47 129.50 0.000109 0.78 538.70 0.000170 2.10 525.04 0.30 0.33 RIVER-1 Reach-1 181.7 Max WS	RTVFR-1	Reach-1	224	Max WS	260.64	133.25	136.54		136.65	0.005321	3.46	145.53	278.98	0.41
RIVER-1 Reach-1 222 Max WS 248.32 133.00 136.23 136.24 0.000925 1.61 268.92 285.63 0.18 RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.68 311.79 0.14 RIVER-1 Reach-1 220 Max WS 247.55 132.40 136.16 136.17 0.000329 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 218 Max WS 247.58 131.20 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.16 0.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 216 Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 215.* Max WS 247.69 131.98 136.15 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 213.* Max WS 263.66 132.50 136.14 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000057 0.48 703.62 349.56 0.55 RIVER-1 Reach-1 212 Max WS 292.35 131.80 135.96 136.28 0.00162 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.00159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.47 129.50 0.000170 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.47 129.50 0.000170 0.77 0.74 0.75 0.74 0.00 0.75 0.75 0.75 0.75 0.75 0.75 0.75	RIVER-1	Reach-1	223.*	Max WS	251.00	133.12	136.32		136.37	0.002608	2.52	189.05	283.27	0.29
RIVER-1 Reach-1 221.* Max WS 247.42 132.70 136.19 136.20 0.000570 1.36 321.88 311.79 0.14 RIVER-1 Reach-1 219.* Max WS 247.55 132.40 136.16 136.17 0.000329 1.10 394.97 340.59 0.11 RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 217.* Max WS 247.58 131.20 136.16 136.16 0.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.79 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 214 Max WS 263.66 132.50 136.13 136.13 0.000071 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000077 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 212 Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 184.5 Max WS 292.35 131.00 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 390.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.47 129.50 0.00109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 183.* Max WS 535.64 126.00 129.47 129.50 0.000170 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.49 129.78 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 129.49 129.79 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 129.47 129.50 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 129.47 129.50 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 129.47 129.50 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002671 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 180 Max WS 544.99 126.00 128.47 128.54 0.002648 2.87	RIVER-1	Reach-1	222	Max WS	248.32	133.00	136.23		136.24	0.000925	1.61	268.92	285.63	0.18
RIVER-1 Reach-1 219.* Max WS 247.57 131.80 136.16 136.16 0.000229 1.10 343.16 343.24 0.09 RIVER-1 Reach-1 219.* Max WS 247.58 131.20 136.16 136.16 0.000229 1.01 438.16 343.24 0.09 RIVER-1 Reach-1 218 Max WS 247.58 131.20 136.16 136.16 0.000081 0.65 625.28 373.11 0.06 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.79 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 213.* Max WS 263.66 132.50 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 211.94	RIVER-1	Reach-1	221.*	Max WS	247.42	132.70	136.19		136.20	0.000570	1.36	321.68 204.07	311.79	0.14
RIVER-1 Reach-1 218 Max WS 247.58 131.20 136.16 136.15 0.000081 0.65 622.28 373.11 0.06 RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.79 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 213.* Max WS 263.66 132.50 136.13 136.13 0.000057 0.48 703.62 349.56 0.5 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000057 0.48 703.62 349.56 0.5 RIVER-1 Reach-1 212 Max WS 292.35 131.80 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.5 Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 390.00 0.43 RIVER-1 Reach-1 183.* Max WS 203.42 126.00 129.47 129.50 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 183.* Max WS 535.64 126.00 129.47 129.50 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 541.21 126.00 129.49 129.29 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 541.21 126.00 129.49 129.29 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 541.21 126.00 129.49 129.29 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 541.21 126.00 128.99 129.07 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.88 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.88 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.88 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.88 125.00 128.47 128.54 0.002628 2.	RIVER-1	Reach 1	220 210 *	Max WS	247.33 247.57	132.40	136.16		136.17	0.000329	1.10	438.16	343.24	0.09
RIVER-1 Reach-1 217.* Max WS 247.69 131.98 136.15 136.15 0.000080 0.60 617.38 352.94 0.06 RIVER-1 Reach-1 216 Max WS 247.79 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 214 Max WS 263.66 132.50 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 212 Max WS 292.35 131.88 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 212 Max WS 292.35 131.00 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 211.94 Culvert RIVER-1 Reach-1 184.5* Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.5* Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 182 Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 128.73 128.80 0.002671 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002628 2.87 354.44 375.27 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.73 128.80 0.002628 2.87 354.44 375.27 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.73 128.80 0.002628 2.87 354.44 375.27 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.73 128.80 0.002628 2.87 354.44 375.27 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.73	RIVER-1	Reach-1	219."	Max WS Max WS	247.58	131.20	136.16		136.16	0.000081	0.65	625.28	373.11	0.06
RIVER-1 Reach-1 210 Max WS 247.79 132.75 136.14 136.15 0.000082 0.55 604.45 332.99 0.06 RIVER-1 Reach-1 215.* Max WS 263.66 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 214 Max WS 263.66 132.50 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 212 Max WS 292.35 131.00 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 211.94 Culvert RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 535.64 126.00 129.47 129.50 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.32 129.43 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 182 Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.27 126.00 129.32 129.48 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.95 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 180 Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.25 0.000014 128.27 138.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 REACH-1 179.* Max	RTVFR-1	Reach-1	217.*	Max WS	247.69	131.98	136.15		136.15	0.000080	0.60	617.38	352.94	0.06
RIVER-1 Reach-1 215.* Max WS 263.61 132.62 136.14 136.14 0.000123 0.69 552.05 343.54 0.07 RIVER-1 Reach-1 214 Max WS 263.66 132.50 136.13 136.13 0.000057 0.48 703.62 349.56 0.05 RIVER-1 Reach-1 213.* Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 212 Max WS 292.35 131.00 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 292.35 131.00 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 535.64 126.00 129.47 129.50 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 183.* Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354.44 375.27 0.31 RIVER-1 REACH-1 179.* Max WS 584.98 125.00 128.47 128.28 0.002628 2.87 354	RIVER-1	Reach-1	216	Max WS	247.79	132.75	136.14		136.15	0.000082	0.55	604.45	332.99	0.06
RIVER-1 Reach-1 213 * Max WS 263.66 132.50 136.13 136.13 0.000077 0.48 703.62 349.36 0.06 RIVER-1 Reach-1 213 * Max WS 292.35 131.88 136.13 136.13 0.000071 0.67 648.95 266.71 0.06 RIVER-1 Reach-1 211.94 Culvert	RIVER-1	Reach-1	215.*	Max WS	263.61	132.62	136.14		136.14	0.000123	0.69		343.54	0.07
RIVER-1 Reach-1 212 Max WS 292.35 131.80 135.96 136.28 0.001762 4.53 64.47 200.99 0.36 RIVER-1 Reach-1 211.94 Culvert RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.52 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 535.64 126.00 129.47 129.50 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 586.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 586.98 125.00 128.23 128.25 0.000011 182.25 33.70 442.00 0.19	RIVER-1	Reach-1	214	Max WS	263.66	132.50	136.13		136.13	0.000057	0.48	703.62 648 05	349.30 266 71	0.03
RIVER-1 Reach-1 211.94 Culvert RIVER-1 Reach-1 184.5 Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.5* Max WS 203.42 126.00 129.52 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31	RIVER-1	Reach-1	213.* 212	Max WS	292.33	131.00	130.13		136.13	0.000071	4.53	64.47	200.79	0.36
RIVER-1 Reach-1 184.5* Max WS 202.69 126.00 129.49 129.78 0.003159 4.40 46.67 396.00 0.43 RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.52 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 181.* Max WS 541.21 126.00 129.32 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.96 309.96 205.64 0.27 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 0.32 0.32 0.32 0.32 0.32 0.32 0.32 0.32	RIVER-I	Reach-1	212 94	Max W3	Culvert	131.00								
RIVER-1 Reach-1 184.25* Max WS 203.42 126.00 129.52 129.52 0.000109 0.78 538.87 397.16 0.08 RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 544.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.000041 182.53 70 442.00 0.19	RTVFR-1	Reach-1	184.5	Max WS	202.69	126.00	129.49		129.78	0.003159	4.40	46.67	396.00	0.43
RIVER-1 Reach-1 184 Max WS 535.64 126.00 129.47 129.50 0.000770 2.10 525.04 390.57 0.22 RIVER-1 Reach-1 183.* Max WS 541.27 126.00 129.32 129.43 0.002774 3.56 274.02 219.22 0.36 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 0.002646 127.53 0.002646 127.53 0.32 0.002646 127.53 0.33 0.002646 127.53 0.002646 127.53 0.002646 127.53 0.002646 127.53 0.33 0.002646 127.53 0.002646 1	RIVER-1	Reach-1	184.25*	Max WS	203.42	126.00	129.52		129.52	0.000109	0.78	538.87	397.16	0.08
RIVER-1 Reach-1 183.* Max WS 541.2/ 126.00 129.32 129.43 0.002/44 3.56 2/4.02 219.22 0.564 0.27 RIVER-1 Reach-1 182 Max WS 541.21 126.00 129.22 129.28 0.001862 2.65 309.96 205.64 0.27 RIVER-1 Reach-1 181.* Max WS 543.07 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 0.32 0.002648 2.87 354.44 375.27 0.31 0.32 0.002648 2.87 354.44 375.27 0.31 0.32 0.002648 2.87 354.44 375.27 0.31 0.002648 2.87 0.00264	RIVER-1	Reach-1		Max WS	535.64	126.00	129.47		129.50	0.000770	2.10	525.04	390.57	0.22
RIVER-1 Reach-1 181.* Max WS 541.01 126.00 128.99 129.07 0.002646 2.93 280.16 217.53 0.32 RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 0.32 0.32 0.33 0.33 0.34 0.34 0.34 0.35 0.35 0.35 0.35 0.35 0.35 0.35 0.35	RIVER-1	Reach-1	183.*	Max WS	541.27	126.00	129.32		129.43	0.002//4	3.30 2.65	2/4.UZ 309.96	205.64	0.30
RIVER-1 Reach-1 180 Max WS 544.19 126.00 128.73 128.80 0.002971 2.84 303.17 302.37 0.33 RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31 0.31 0.32 0.002628 0.00	RIVER-1	Reach-1	184 181 *	Max WS	341.ZI 543 N7	126.00	128 99		129.20	0.001602	2.93	280.16	217.53	0.32
RIVER-1 Reach-1 179.* Max WS 584.98 125.00 128.47 128.54 0.002628 2.87 354.44 375.27 0.31	KTAFK-T	Reach-1	180	Max WS	544.19	126.00	128.73		128.80	0.002971	2.84	303.17	302.37	0.33
170 T 170 T 170 UT UG 170 174 00 179 22 178 36 0 000041 1 82 533 70 442 00 0 19	RIVER-1	Reach-1	179.*	Max WS	584.98	125.00	128.47		128.54	0.002628	2.87	354.44	375.27	0.31
RIVER-1 Reach-1 1/8 Max WS 586.2/ 124.00 126.55 126.30 0.000341 1.02 555.70 442.00 5125	RIVER-1	Reach-1	178	Max WS	586.27	124.00	128.33	_	128.36	0.000941	1.82	533.70	442.00	0.19

						Kited 128.15 127.77 127.50 127.26 127.15 127.15 127.15 127.15 127.11 127.02 126.89 126.79 126.68 126.49 126.56 126.49 125.74 125.75 124.67 124.48 124.75 124.67 124.48 124.75 122.80 122.60 122.75 121.14 121.25 121.15 121.24 121.25 121.14 121.26 120.26 120.26 120.27 120	reek rep						
RIVER-1	Reach-1	177.*	Max WS	589.04	124.00	128.15	•	128.18	0.001534	2.37	458.63	453.04 448.66 461.37 568.39 646.16 748.59 786.43 690.03 796.39 607.81	0.24 0.35 0.39 0.34 0.25 0.14 0.17 0.28 0.26 0.24 0.29 0.26
RIVER-1	Reach-1	176 175.*	Max WS	591.92	124.00 123.50 123.50 124.00 124.00 124.00 123.50 123.50 123.00 122.50 122.00 120.00 120.00 120.00 120.50 120.25 120.50 119.50 119.00 119.00 119.00	127.77		127.85	0.003358	3.32	352.20	448.66	0.35
RIVER-1	Reach-1	175.*	Max WS	599.68	123.50	127.50		127.61	0.004169	3.69	326.66	461.37	0.39
RIVER-1	Reach-1	1/4	Max WS	597.20	123.00	127.26		127.35	0.003333	3.33	3/5.59	568.39	0.34
RIVER-1	Reach-1	1/3.*	Max WS	595.77	123.50	127.15		127.19	0.001835	2.3/	505.36	646.16	0.25
RIVER-1	Reach-1	172	Max WS	595.39	124.00	127.11		127.12	0.000572	1.28	790.91	748.59	0.14
KIVER-I	Reach-1	1/1.*	Max WS	594.01	124.00	127.02		127.04	0.0008/1	1.55	705.75	786.43	0.17
RIVER-1	Reach-1	1/0	Max WS	593.08	124.00	126.89		120.91	0.001330	1.85	200.01	706 20	0.21
RIVER-1	Reach-1	169.	Max WS	591.94	123.30	120.79		120.03	0.002207	2.34	183 67	790.39 607 81	0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Peach-1	1/5.* 174 173.* 172 171.* 170 169.* 168 167.* 166	Max WS Max WS Max WS Max WS Max WS	501 35	122.00	126.00		126.71	0.001516	2.47	545 06	696 32	0.20
DTVED-1	Reach-1	166	Max WS	501.33	122.30	126.30		126.00	0.001310	2.30	675 03	853 00	0.24
DTVER-1	Peach-1	165 *	Max WS Max WS	591.70	121 00	126.43		126.31	0.000362	2.00	567 34	993 42	0.15
RTVER-1	Reach-1	164	Max WS	592.58	120.00	125.21		125.92	0.001510	2.21	578.62	766.39	0.22
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	164 163.*	Max WS	593.71	120.00	125.74		125.79	0.002209	2.97	504.35	833.29	0.27
RIVER-1	Reach-1	162 161.*	Max WS	594.61	120.00	125.39		125.60	0.005589	4.87	309.62	738.42	0.44
RIVER-1	Reach-1	161.*	Max WS	592.06	120.25	125.08		125.18	0.002899	3.38	392.38	689.26	0.33
RIVER-1	Reach-1	160	Max WS	590.99	120.50	124.94		124.96	0.001056	1.96	589.40	716.74	0.20
RIVER-1	Reach-1	159.*	Max WS	591.55	120.25	124.84		124.87	0.000981	1.85	594.42	739.83	0.19
RIVER-1	Reach-1	158	Max WS	591.63	120.00	124.75		124.78	0.000868	1.69	621.55	769.33	0.18
RIVER-1	Reach-1	157.*	Max WS	592.03	119.50	124.67		124.71	0.001283	2.22	537.89	776.24	0.22
RIVER-1	Reach-1	156	Max WS	591.57	119.00	124.48		124.61	0.003621	3.8/	366.4/	748.34	0.36
RIVER-1	Reach-1	155.*	Max WS	590.60	119.00	124.19		124.27	0.002369	3.26	448.70	785.79	0.30
KIVER-1	Reach-1	154	Max WS	610.99	119.00	124.01		124.04	0.001193	2.10	623.32	/03.2/ 006.76	0.20
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	161.* 160 159.* 158 157.* 156 155.* 154 153.* 152	Max WS	610.99	119.00	123.92		123.94	0.001104	1 00	601 06	000.70	0.21
DTVED-1	Reach-1	151 *	Max WS	637 82	119.00	123.63		123.03	0.001023	2.08	643 29	928 72	0.20
RIVER-1	Reach-1	150	Max WS	636.77	119.00 119.00	123.03		123.72	0.001303	2.60	485.92	864.73	0.32
RTVFR-1	Reach-1	150 149.*	Max WS	641.30	118.50	123.15		123.20	0.002498	2.77	493.55	810.29	0.30
RTVER-1	Reach-1	148	Max WS	645.77	118.00	122.95		122.99	0.001724	2.57	551.21	782.20	0.25
RIVER-1	Reach-1	148 147.*	Max WS	649.28	117.92	122.80		122.84	0.002107	2.54	574.13	995.40	0.27
RIVER-1	Reach-1	146	Max WS	652.80	117.83	122.60		122.64	0.003137	2.67	536.09	1060.16	0.32
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	146 145.*	Max WS	655.43	117.92	122.38		122.43	0.002105	2.06	543.67	1058.51	0.26
RIVER-1	Reach-1	144 143.*	Max WS	657.62	118.00	122.20		122.23	0.002858	1.86	511.24	1116.05	0.29
RIVER-1	Reach-1	143.*	Max WS	660.78	117.50	122.03		122.06	0.001064	1.73	668.29	1004.70	0.20
RIVER-1	Reach-1	142	Max WS	664.44	117.00	121.94		121.96	0.001105	2.15	/33.48	956.51	0.20
RIVER-1	Reach-1	143.* 141.* 140 139.* 138 137.*	Max WS	667.59	117.00	121.81		121.85	0.001033	7.01	549.32	1060 43	0.24
RIVER-1	Reach-1	140	Max WS	670 56	117.00	121.03		121.00	0.002213	2.93	660 50	008 58	0.26
RIVER 1	Reach-1	139."	Max WS	670.30	118 00	121.31		121.34	0.001323	1 59	824 24	970.53	0.17
DTVED-1	Reach-1	137 *	Max WS	675 27	118 00	121.77		121 38	0.001050	1.71	753.54	997.37	0.20
DTVED_1	Peach-1	136	May WS	677.29	118 00	121 25		121.28	0.001695	1.99	653.36	1111.13	0.24
RTVFR-1	Reach-1	135.*	Max WS	680.00	117.50	121.14		121.16	0.001229	1.61	688.38	957.50	0.20
RIVER-1	Reach-1	134	Max WS	683.30	117.00	121.06		121.08	0.000871	1.29	769.52	890.03	0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	133.*	Max WS	687.35	117.00	120.96		120.98	0.001102	1.43	661.10	776.14	0.19
RIVER-1	Reach-1	132	Max WS	691.52	117.00	120.85		120.88	0.001014	1.35	630.45	630.53	0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	136 135.* 134 133.* 132 131.*	Max WS	693.62	117.00	120.76		120.79	0.001349	1.47	617.75	833.92	0.21
RIVER-1	Reach-1	130 129.*	Max WS	695.76	117.00	120.67		120.69	0.001245	1.36	6/1.8/	813.35	0.20
RIVER-1	Reach-1	129.*	Max WS	696.95	117.00	120.57		120.60	0.001/93	1.58	596.49 201 74	835.52	0.23
RIVER-1	Reach-1	128 127.* 126 125.*	Max WS	697.92	117.00	120.32		120.39	0.005325	2.43	391.74 470.66	705 51	0.39
RIVER-1 RIVER-1	Reach-1	127.*	Max WS	697.51	116.71	120.10		120.10	0.002775	2.24	673 26	703.31	0.30
RIVER-1	Reach-1	126	Max WS	697.47 607.24	116.44	120.04		120.00	0.001373	1 76	702 15	830.60	0.21
RIVER-1	Reach-1	124	Max WS	697.24	116.00	120.02		120.04	0.000910	1.38	785.65	846.96	0.17
DTVED-1	Reach-1	123.*	May WS	697.24	116 18	119 94		119.96	0.001086	1.62	750.52	895.32	0.19
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	122	MAX WS MA	697.16	118.50 118.00 117.92 117.83 117.92 118.00 117.50 117.00 117.00 118.00 118.00 118.00 118.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00 117.00	119.88		119.90	0.001032	1.60	458.63 352.20 375.59 505.36 375.59 505.36 505.36 505.75 586.98 483.67 675.03 567.34 578.39 594.42 537.89 366.1.55 668.29 493.55 574.09 688.38 598.79 598.79 598.79 688.38 699.59 691.96 688.38 699.59	696.32 853.09 993.42 766.39 833.29 738.42 689.26 716.74 739.83 7769.33 7769.33 7769.24 748.34 785.79 886.76 921.92 928.72 864.73 886.76 921.92 995.40 1060.16 1058.51 1116.05 1004.70 956.51 997.85 1060.43 997.85 1060.43 997.85 1060.53 1111.13 957.50 890.03 776.14 630.53 833.92 843.35 835.52 860.75 776.51 783.83 830.60 846.96 895.32 979.95 644.03 635.05	$0.\overline{19}$
RTVFR-1	Reach-1	122 121.*	Max WS	778.65	115.68	119.72		119.76	0.001920	2.11	596.78	644.03	0.26
RTVFR-1	Reach-1	120	Max WS	778.40	115.00 114.50 114.00 114.50	119.58		119.61	0.001197	2.11	671.33	635.05	0.21
RIVER-1 RIVER-1	Reach-1	119.*	Max WS	778.37	114.50	119.44		119.50	0.001845	2.89	574.16	600.61	0.29
RIVER-1	Reach-1	118	Max WS	773.38	114.00	119.11		119.35	0.004680	4.99	370.63	550.49	0.52
RIVER-1	Reach-1	120 119.* 118 117.*	Max WS	769.81	114.50	119.01		119.13	0.002059	3.03	419.13	600.61 550.49 505.08 397.20	0.34
RIVER-1	Reach-1 Reach-1	116 115.*	Max WS	\$89.04 \$91.92 \$99.68 \$97.20 \$95.77 \$95.39 \$94.01 \$93.98 \$91.94 \$91.86 \$91.57 \$92.06 \$93.71 \$94.61 \$92.06 \$93.71 \$94.61 \$92.06 \$93.71 \$94.61 \$92.06 \$93.71 \$94.61 \$92.06 \$93.71 \$94.61 \$92.07 \$94.61 \$92.07 \$94.61 \$92.07 \$94.61 \$92.07 \$94.61 \$92.07 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$94.61 \$95.60 \$95.76 \$96.78 \$96.78 \$96.76 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.24 \$97.27 \$99.81 \$78.37 \$773.38 \$769.81	115.00 114.50 114.00	118.89		128. 18 127. 85 127. 61 127. 35 127. 19 127. 12 127. 04 126. 83 126. 71 126. 60 126. 51 126. 52 125. 79 125. 60 125. 79 125. 60 124. 87 124. 87 124. 87 124. 61 125. 64 121. 85 121. 64 121. 85 121. 68 121. 69 120. 60 120. 60 120. 60 120. 60 120. 60 120. 60 120. 60 120. 60 120. 60 120. 61	0.001534 0.003358 0.004169 0.003333 0.001835 0.000871 0.001972 0.001952 0.001952 0.001954 0.001516 0.002209 0.005899 0.002589 0.001283 0.001283 0.003621 0.002569 0.001195 0.001105 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.002569 0.001105 0.001505 0.00255 0.000801 0.001050 0.001655 0.002213 0.001525 0.000801 0.001050 0.001655 0.001255 0.000871 0.0010125 0.0010125 0.0010125 0.0011014 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105 0.001105	2.3.3.9.3.3.7.8.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5	406.18	397.20 436 64	0.44 0.33 0.20 0.19 0.18 0.22 0.36 0.30 0.20 0.21 0.20 0.22 0.32 0.30 0.25 0.27 0.32 0.26 0.29 0.20 0.24 0.24 0.17 0.19 0.19 0.11 0.20 0.21 0.21 0.20 0.24 0.25 0.27 0.37 0.38 0.29 0.20 0.20 0.21 0.20 0.24 0.25 0.29 0.20 0.24 0.27 0.17 0.19 0.19 0.19 0.10 0.21 0.21 0.21 0.21 0.21 0.21 0.39 0.30 0.22 0.21 0.17 0.19 0.21 0.21 0.39 0.30 0.22 0.21 0.39 0.30 0.22 0.21 0.17 0.19 0.19 0.26 0.21 0.17 0.19 0.26 0.21 0.29 0.524 0.35
RIVER-1	Reach-1	115.*	Max WS	538.45	114.50	110./8		110.81	0.001004	1.48 1.07	438.62 533.18	436.64 499.89	0.22
RIVER-1	Reach-1	114	Max WS	509.88	114.00	118./3		110.74	0.000377	1.07	223.10	499.03	0.10

						Kite	Creek.rep						
RIVER-1	Reach-2	112.05 112	Max WS	1259.00 1258.76	112.00	118.73	•	118.82 118.82	0.001535	2.68 2.70	638.60	565.42	0.30 0.30
RIVER-1 RIVER-	Reach-2 Reach-2	112	Max WS	1258.76	112.00	118.72		118.82	0.001555	2.70	633.86	563.25	0.30
KIVER-1	Reach-2	111.95 111.*	May WS	1256 30	113.00	118 61		118 70	0.001850 0.001413 0.002389 0.001494 0.001021 0.000643 0.000798 0.000775 0.000766 0.000270 0.000423 0.000423 0.000423 0.000429 0.000399 0.000399	2 53	629 54	541 65	0.32
RTVER-1	Reach-2	110	Max WS Max WS	1216.28	114.00	118.54		118.59	0.001413	2.53 2.04 2.77	816.11	665.18	0.32
RIVER-1	Reach-2	110 109.*	Max WS	1197.87	114.00 113.50	118.34		118.41	0.002389	2.77	695.91	587.88	0.35
RIVER-1	Reach-2	108 107.*	Max WS Max WS	1193.81	113.00	118.15		118.24	0.001494	3.26 2.66	765.65	583.79	0.31
RIVER-1	Reach-2	107.*	Max WS	1192.23	112.00	118.10		118.16	0.001021	2.66	928.98	674.84	0.25
RIVER-1	Reach-2	106 105.*	Max WS Max WS	1191.75	111.00	118.07		118.12	0.000643	2.43	111/.53	747.22 755 77	0.21
RIVER-1	Reach-2	103.	Max WS	1191.09	110.50 110.00	117.98		118.07	0.000735	2.83	1081.21	764.16	0.22
RIVER-1	Reach-2	104 103.*	Max WS	1190.10	110.00	117.97		118.00	0.000766	2.15	1163.80	817.99	0.21
RIVER-1	Reach-2	102	Max WS Max WS	1010.17	110.00 110.00 110.50 111.00	117.97		117.99	0.000270	1.73	1429.69	834.46	0.14
RIVER-1	Reach-2	101.*	Max WS Max WS	1243.11	110.50	117.93		117.96	0.000423	2.13	1418.10	820.18	0.17
RIVER-I	Reach-2	00 * 100	Max WS Max WS	1242.91	111.00	117.91		117.93	0.000433	2.13	1400.00	807.23 807.24	0.17
RTVER-1	Reach-2	103. ~ 102 101. * 100 99. * 98 97. *	Max WS	1244.24	111.00	117.75		117.78	0.000429	2.12	629.54 816.11 695.91 765.65 928.98 1117.53 1084.13 1081.21 1163.80 1429.69 1418.10 1408.80 1409.88 1413.37 1408.77 1403.09	810.60	0.17
RIVER-1	Reach-2	97.*	Max WS Max WS	1244.44	110.50	117.71		117.74	0.000399	2.11	1408.77	790.28	0.16
RIVER-1	Reach-2	96 95.*	Max WS	1245.27	110.00	117.67		117.69	0.000393	2.09	1403.09	769.40	0.16
RIVER-1	Reach-2	95.*	Max WS Max WS Max WS	1245.92	109.50	117.63		117.66	0.000403	2.14	13/6.52	//5.62 780 18	0.17 0.17
RIVER-1	Reach-2	94 93.*	Max WS	1240.01	109.00	117.59		117.02	0.000411	2 17	1304 92	703.08	0.16
RTVER-1	Reach-2	92	Max WS	1248.63	111.00 111.00 110.50 110.00 109.50 109.00 109.00	117.50		117.55	0.000381	2.43 2.48 2.83 2.15 1.73 2.13 2.12 2.12 2.11 2.09 2.14 2.19 2.17 2.23	1376.52 1349.38 1304.92 1209.97	596.89	0.16
RIVER-1	Reach-2	92 91.*	Max WS Max WS	1249.98	108.50	117.47		117.51	0.000358	2.14 2.00	1245.27	603.94	0.16
RIVER-1	Reach-2	90 89.*	Max WS Max WS	1251.40	108.50 108.00 108.50	117.44		117.47	0.000311	2.00	1245.27 1245.27 1474.70 1420.58 1410.25 1888.83 2488.74 2667.68	1182.72	0.15
RIVER-1	Reach-2	89.*	Max WS	1253.16	108.50	117.41		117.44	0.000300	2.02	1420.58	1096.43 882 13	0.13
RIVER-I	Reach-2	88 87.*	Max WS Max WS Max WS	1256.00	109.00	117.37		117.39	0.000287	1.59	1888.83	1214.29	$0.17 \\ 0.11$
RTVFR-1	Reach-2	86	Max WS	1257.47	107.00	117.37		117.38	0.000074	1.21	2488.74	1312.56	0.08
RIVER-1	Reach-2	86 85.*	Max WS Max WS	1258.03	109.00 108.00 107.00 107.50	117.37		117.38	0.000076	2.01 1.59 1.21 1.13 0.97	2667.68	1356.63	0.08
RIVER-1	Reach-2	84 83.*	Max WS	1258.73	108.00	117.36		117.37	0.000071	0.97	2952.60 2533.68	1405.75	0.07
RIVER-1	Reach-2	83.*	Max WS	12/6./2	108.00 108.50 109.00 108.22	118.61 118.34 118.15 118.07 118.07 118.07 117.98 117.97 117.97 117.93 117.75 117.71 117.63 117.63 117.55 117.55 117.50 117.47 117.41 117.37 117.37 117.37 117.37 117.37 117.36 117.36 117.36 117.36 117.36 117.36 117.36		118.70 118.59 118.41 118.24 118.16 118.12 118.03 117.96 117.98 117.78 117.74 117.69 117.66 117.55 117.58 117.51 117.47 117.47 117.47 117.38 117.38 117.38 117.38	0.000393 0.000401 0.000411 0.000388 0.000358 0.000311 0.000300 0.000287 0.000147 0.000076 0.000076 0.000071 0.000104 0.000150 0.000938	1.17 1.34 2.71	2533.00 2233.68	541.65 665.18 587.88 583.79 674.84 747.22 755.77 764.16 817.99 834.46 820.18 807.25 807.24 810.60 790.28 769.40 775.62 780.18 703.08 596.89 603.94 1182.72 1096.43 882.13 1214.29 1312.56 1356.63 1405.75 1317.19 1251.19	0.32 0.27 0.35 0.31 0.21 0.22 0.21 0.14 0.17 0.17 0.17 0.16 0.16 0.16 0.16 0.15 0.15 0.11 0.08 0.08 0.09 0.10 0.21
BINED-1	Reach-2	81 56	Max WS Max WS	1276.68	108.22	117.26	113.18	117.37	0.000130	2.71	2233.68 671.92	1346.28	0.21
RIVER-1	Reach-2	83.* 81.56 81.55 81.30 80.95 80.94 80.38 79.3849* 78.39 77.6566* 76.9233* 76.19 75.86 75.85 75.40 74.7*	riax iis	Bridge									
RIVER-1	Reach-2	81.30	Max WS	1270.66	108.96 108.83	115.99 116.03	440.00	116.42 116.28	0.006381	5.27 4.03	240.99 315.80	70.66 64.43	0.50 0.32
RIVER-1	Reach-2	80.95	Max WS	1271.52	108.83		112.98		0.001508	4.03	315.80	64.43	
RIVER-I	Reach-2	80.94 80.38	Max WS	1269 39	108 67	115.97 115.88 115.81 115.81 115.79 115.75 115.58		116.23 116.06 115.88 115.84 115.82 115.81 115.78	0.001650 0.001278 0.000596 0.000261 0.000303 0.000550 0.001084	4.12	308.11	65.93	0.34 0.30 0.21 0.14 0.15 0.20 0.28
RTVFR-1	Reach-2	79.3849*	Max WS	1264.40	108.67 108.33 108.00	115.88		116.06	0.001278	4.12 3.80 2.87 1.89 2.02 2.70	308.11 634.20 822.64 1396.20 1481.82	65.93 608.30 327.24 556.58 785.94	0.30
RIVER-1	Reach-2	78.39	Max WS	1255.88	108.00	115.81		115.88	0.000596	2.87	822.64	327.24	0.21
RIVER-1	Reach-2	77.6566*	Max WS	1255.88	107.80	115.81		115.84	0.000261	1.89	1396.20	556.58 785 04	0.14 0.15
RIVER-1	Reach-2	76.9233*	Max WS Max WS	1248.03	107.60	115.79 115.75		115.82 115.81	0.000303	2.02	1149.88	913.31	0.13
RIVER-I	Reach-2	75.86	Max WS	1228.98	107.40 107.22	115.58	112.15	115.78	0.001084	3.80	514.67	439.28	0.28
RIVER-1	Reach-2	75.85		Bridge									
RIVER-1	Reach-2	75.40	Max WS Max WS	1234.76	106.63 106.82 107.00 107.43 107.86 107.44 107.03 107.35 107.68 107.40	115.58		115.76	0.001190	3.57 2.00 1.23 1.16 1.12 3.06	505.88	400.04 827.13 1251.23 1313.08 1374.29 448.21 102.37 94.27 89.24	0.28
RIVER-1	Reach-2	74.7*	Max WS	1236.67	106.82	115.61		115.65	0.000446	1 23	1167.24	1251 23	0.17
RIVER-I	Reach-2	74 73.*	Max WS Max WS Max WS Max WS	1230.02	107.00	115.59		115.60	0.000210	1.16	2273.55	1313.08	0.10
RTVFR-1	Reach-2	72	Max WS	1233.83	107.86	115.58		115.59	0.000114	1.12	2578.85	1374.29	0.09
RIVER-1	Reach-2	72 71.*	Max WS	1563.93	107.44	115.46		115.59	0.000988	3.06	727.12	448.21	0.24
RIVER-1	Reach-2	70 69.*	Max WS Max WS	1563.88	107.03	115.36		115.48	0.000943	2.83	554.00 407.05	102.37	0.21
RIVER-1	Reach-2	69.*	Max WS	1563.83	107.33	115.22		115.37	0.001233	3.13	450.79	89.24	0.27
RIVER-I	Reach=2	67	Max WS Max WS	1563.68	107.40	114.85		115.06	0.002017	2.83 3.15 3.47 3.85 4.15 3.67	463.73	135.05 133.30 173.67	0.30
RIVER-1	Reach-2	66	Max WS	1563.51	107.40	114.60		114.84	0.002455	4.15	430.09	133.30	0.33
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2	68 67 66 65.*	Max WS Max WS	1563.39	107.40 107.20 107.00 106.81	114.43		114.63	0.001190 0.000446 0.000218 0.000149 0.000114 0.000988 0.000943 0.001259 0.001619 0.002017 0.002455 0.001772 0.001496 0.001572 0.001572 0.001366	3.67	505. 88 1167. 24 1954. 78 2273. 55 2578. 85 727. 12 554. 00 497. 05 450. 79 463. 73 430. 09 477. 09	173.67	0.31
RIVER-1 RIVER-1	Reach-2	64	Max WS	1563.32	10/.00	114.28		114.4b	0.001496	3.46 3.39	466.54 481.24 501.48 540.16	186.67 228.06 198.83 210.85	0.31
RIVER-I	Reach-2	63.* 62.*	Max WS Max WS	1560.2/ 1560 17	106.81	114.14		114.16	0.001578	3.28	501.48	198.83	0.32
RIVER-1 RIVER-1	Reach-2	61.*	Max WS	1571.84	106.43	113.87		114.02	0.001366	3.28 3.12	540.16	210.85	0.30
RIVER-1	Reach-2	60 59.*	Max WS	Lat Struct 1256.28 1197.87 1193.87 1193.87 1193.87 1193.87 1191.69 1191.69 1190.41 1190.17 1243.11 1242.91 1244.24 1244.24 1244.24 1244.24 1245.27 1245.92 1246.61 1247.86 1248.63 1249.98 1251.40 1253.16 1254.68 1256.20 1257.47 1258.73 1276.69 1276.69 1276.68 Bridge 1270.66 1271.52 Bridge 1270.66 1271.52 Bridge 1270.88 1248.98 Bridge 1255.88 1248.03 1255.88 1248.03 1255.88 1248.03 1255.88 1248.03 1256.39 1264.60 1271.52 Bridge 1270.66 1271.52 Bridge 1270.66 1271.52 Bridge 1270.66 1271.52 Bridge 1276.69 1276.88 1255.88 1248.03 1256.39 1264.40 1255.88 1248.03 1256.39 1266.71 1263.83 1563.84 1563.85 1563.87 1569.12 1571.84	106.62 106.43 106.24 106.07	113.78		115.76 115.65 115.61 115.60 115.59 115.48 115.37 115.23 115.06 114.84 114.63 114.16 114.16 114.02	0.001366 0.001058 0.000883	2.81	612.92 700.75	231.82 362.57	0.28 0.17 0.12 0.10 0.09 0.24 0.21 0.27 0.30 0.33 0.31 0.31 0.32 0.30 0.26
RIVER-1	Reach-2	59.*	Max WS	1579.70	106.07	115.58 115.61 115.60 115.59 115.58 115.46 115.22 115.04 114.85 114.60 114.43 114.28 114.14 114.00 113.87 113.69	7	113.80	0.000883	2.78	700.75	302.57	0.24

						Kite	Creek.rep						
RIVER-1	Reach-2	58 57.2 57.19	Max WS	1585.04 1588.94 Bridge 1588.76 1593.33 1597.77 1602.01 1613.26 1624.62 1630.04 1635.66 1641.01 1646.47 1651.92 1657.36 1662.78 1668.74 1673.48 1673.48 1673.48 1688.77 1688.77 1688.77 1688.70 1688.70	105.90	113.66 113.58		113.73 113.69	0.000466	2.42 3.10	1046.74	477.78	0.18 0.25
RIVER-1	Reach-2 Reach-2 Reach-2	57.2	Max WS	1588.94	107.05	113.58	110.87	113.69	0.000930	3.10	840.46	422.07	0.25
RIVER-1 RIVER-1	Reach-2	56.9	May MC	Br1age	107.05	112 46		112 60	0.001150	3.37	759. 69 854. 87 1014. 98 1156. 20 1084. 38 1020. 02 968. 14 925. 63 894. 28 873. 94 959. 04 1067. 30 1203. 84 1367. 74	401 02	0.28
RIVER-1 RIVER-1	Reach-2	30.9	Max WS Max WS	1500.70	107.03	113.40		113.00	0.001133	2.57	755.05 854.87	384 56	0.20
RIVER-1	Reach-2 Reach-2	56 55.*	Max WS	1597.77	105.90 105.85	113.38		113.44	0.000501	2.61 2.20 1.94	1014.98	473.00	0.19
RIVER-1	Reach-2	54 53.* 52 51.*	Max WS	1602.01	105.80	113.35		113.40	0.000440	1.94	1156.20	561.01	0.17
RIVER-1	Reach-2	53.*	Max WS	1613.28	105.80 105.70	113.28		113.33	0.000477	2 04	1084.38	399.37	0.16
RIVER-1 RIVER-1	Reach-2	52	Max WS	1624.62	105.60	113.20		113.24	0.000584	2.06	1020.02	325.76	0.16
RIVER-1	Reach-2	51.*	Max WS	1630.04	105.57	113.12		113.18	0.000689	2.31	968.14	315.15	0.19
RIVER-1 RIVER-1 RIVER-1	Reach-2	50.* 49.*	Max WS	1635.65	105.60 105.57 105.54 105.54 105.47 105.68 106.08 106.29 106.30 106.31 106.31 106.33 106.17 106.33	113.46 113.41 113.38 113.28 113.20 113.12 113.04 112.95 112.66 112.79 112.65 112.65 112.65 112.65 112.61 112.57 112.48 112.48		113.10	0.000773	2.06 2.31 2.53 2.75 3.01	925.63	401.02 384.56 473.00 561.01 399.37 325.76 315.15 304.85 295.76 288.30 324.11 358.29 403.88 431.11 426.79 422.71 418.79 415.17 458.27 494.29	0.28 0.21 0.19 0.17 0.16 0.19 0.21 0.22 0.23 0.23 0.21 0.19
RIVER-1	Reach-2	49.*	Max WS	1641.01	105.50	112.95		113.03	0.000818	2./5	894.28	295.76	0.22
RIVER-1	Reach 2	48 47.* 46.* 45.*	Max WS Max WS	1040 47 1651 02	105.47	112.00		112.93	0.000797	3.U1 7.87	0/3.9 4	200.3U 324 11	0.23
RIVER-1 RIVER-1 RIVER-1	Reach-2	46 *	Max WS Max WS	1657 36	105.00	112.73		112.79	0.000733	2.82 2.57 2.32 2.09 2.17 2.23 2.27	1067.30	358.29	0.23
RIVER-1	Reach-2	45.*	Max WS	1662.78	106.08	112.69		112.73	0.000492	2.32	1203.84	403.88	0.19
RIVER-1	Reach-2	44 43.* 42.* 41.*	Max WS	1668.44	106.29	112.65		112.69	0.000364	2.09	1367.74	431.11	0.16
RIVER-1 RIVER-1	Reach-2	43.*	Max WS	1673.48	106.30	112.61		112.65	0.000379	2.17	1317.37	426.79	0.17
RIVER-1	Reach-2	42.*	Max WS Max WS	1678.63	106.31	112.57		112.61	0.000394	2.23	1317.37 1274.74 1239.13 1211.38	422.71	0.17
RIVER-1	Reach-2	41.*	Max WS	1683.68	106.32	112.53		112.58	0.000409	2.2/	1239.13	418.79	0.17
RIVER-1	Reach 2	40 39.*	Max WS Max WS	1600.02	106.33	112.40		112.54	0.000422	2.30	1361 (10)	413.17	0.16
RIVER-1 RIVER-1	Paach-2	38 *	Max WS Max WS	1688 77	106.17	112.43		112.36	0.000342	1.83	1560.45	494.29	0.14
RTVFR-1	Reach-2	38.* 37.*	Max WS	1688.71	105.84	112.42		112.44	0.000184	1.56	1798.77	514.68	0.12
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2	36	Max WS	1688.72	105.68 104.52 104.52	112.39 112.17 112.10		113 .60 113 .50 113 .44 113 .40 113 .24 113 .18 113 .10 113 .03 112 .95 112 .73 112 .79 112 .73 112 .65 112 .61 112 .50 112 .54 112 .54 112 .42 112 .42	0.001159 0.000612 0.000501 0.000440 0.000477 0.000584 0.000689 0.000773 0.000818 0.000797 0.000739 0.000492 0.000364 0.000379 0.000364 0.000379 0.000364 0.000364 0.000364 0.000364	1.75	1560.45 1798.77 1663.34 394.23 389.00	514.68 524.69	0.17 0.17 0.18 0.16 0.12 0.13 0.33
RIVER-1	Reach-2	35.22	Max WS	1688.70	104.52	112.17		112.45	0.001525	4.28	394.23	75.30 74.90	0.33
RIVER-1	Reach-2	34.82	Max WS	1688.70	104.52	112.10	108.73	112.39	0.001583	4.34	389.00	74.90	0.34
RIVER~1	Reach-2 Reach-2	37." 35.22 34.82 34.81 34.34 33.67*		Bridge	104.30	110 00		111 66	0.005027	C C0	252 24	69.20	0.61
RIVER-1 RIVER-1 RIVER-1	Reach-2	34.34	Max WS	1688.59	104.30 104.12 103.93	110.96		111.00	0.005937	6.69 5.28 3.36	252.24 310 75	08.29 70.03	0.61
RIVER-1	Reach-2	33.0/"	Max WS Max WS	1688 55	104.12	110.92		111 16	0.003237	3.26	808 16	585 47	0.70
RIVER-1	Peach-2	33 32.* 31.*	Max WS	1688 56	103.93	110 91		111.03	0.001054	3.09	252.24 319.75 808.16 845.69	68.29 79.03 585.47 667.92	0.27
RTVER-1	Reach-2 Reach-2	31.*	Max WS	1688.53	103.40 102.88	110.76		110.90	0.001464	3.09 3.16 3.97	798.96 616.44 622.84 702.78	741.88 1016.12 947.93 891.11 959.97 1060.71 1139.98 1223.27 1065.41	0.30
RIVER-1 RIVER-1	Reach-2	30	Max WS	1688.49	102.35 102.34	110.43		110.66	0.003780	3.97	616.44	1016.12	0.46
RTVFR-1	Reach-2	30 29.* 28.* 27.* 26 25.* 24.* 23.* 21.* 20.* 19.* 18 17.* 16.*	Max WS	1688.44	102.34	110.07		110.32	0.003935	4.23 4.25 3.86 3.19 3.52 3.82 3.35 2.79	622.84	947.93	0.47
RIVER-1 RIVER-1 RIVER-1	Reach-2	28.*	Max WS	1688.34	102.33	109.75		109.97	0.003589	4.25	702.78	891.11	0.46
RIVER-1	Reach-2	27.*	Max WS	1688.25	102.33	109.53		109.68	0.002612	3.86	900.82 1215.78 1125.00 1018.85	959.97	0.40
RIVER-1	Reach-2	26 25 *	Max WS Max WS	1600.00	102.32	109.39		109.40	0.001371	3.13	1125 00	1139 98	0.35
RIVER-1 RIVER-1	Reach-2	24 *	Max WS Max WS	1687.93	101.66	109.05		109.17	0.002794	3.82	1018.85	1223.27	0.40
RIVER-1	Reach-2	23.*	Max WS	1687.83	101.33	108.87		108.96	0.002423	3.35	1080.30	1065.41	0.37
RIVER-1	Reach-2	22	Max WS	1687.71	101.00	108.73		108.78	0.001877	2.79	1227.63	1115.28	0.32
RIVER-1 RIVER-1	Reach-2	21.*	Max WS	1687.54	101.27	108.57		108.62	0.001991	2.91 3.01	1190.31	1101.90	0.33
RIVER-1	Reach-2	20.*	Max WS	1687.35	101.54	108.40		108.45	0.002121	3.01	1152.55	1041.23	0.34
RIVER-1 RIVER-1	Reach-2	19.*	Max WS	1687.23	101.82	108.20		108.20	0.002309	3.12 3.24	1096 54	912 58	0.36
RIVER-1	Reach-2	10 17 *	Max WS Max WS	1686 51	102.34 102.33 102.33 102.32 101.99 101.66 101.33 101.00 101.27 101.54 101.82 102.09 101.97	103.01		107.87	0.002300	3.10	1253.16	1225.45	0.35
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2	16.*	Max WS	1686.10	101.85 101.73 101.61 101.43	107.67		107.71	0.001443	2.54 1.96	1467.05	1232.20	0.28
RIVER-1	Reach-2	15.*	Max WS	1685.66	101.73	107.59		107.61	0.000838	1.96	1756.13	1237.58	0.21
RTVFR-1	Reach-2	14	Max WS	1685.43	101.61	107.54		107.55	0.000496	1.44	2087.63	1245.54	0.16
RTVFR~1	Reach-2 Reach-2 Reach-2 Reach-2	13.* 12.* 11.*	Max WS	1685.52	101.43	107.50		107.51	0.000405	1.23 1.20	2228.72	1251.87	0.15
RIVER-1 RIVER-1 RIVER-1	Reach-2	12.*	Max WS	1685.31	101.26	107.48		107.49	0.000325	1.20	23/3.52	1243.30	0.13
RIVER-1	Reach-2	11.*	Max WS Max WS	1685.21	101.08	107.43		107.46	0.000202	1.07	2670.71	1217.64	0.11
RIVER-1	Reach-2	10 0 *	Max WS Max WS	1685 25	100.30	107.41		107.42	0.000210	1.40	2242.12	1197.98	0.14
RTVER-1	Reach-2 Reach-2	9.* 8.*	Max WS	Bridge 1688.59 1688.55 1688.55 1688.56 1688.49 1688.44 1688.34 1688.25 1688.11 1687.83 1687.71 1687.71 1687.35 1687.23 1687.35 1687.35 1687.35 1687.35 1687.35 1687.35 1688.31 1688.31 1688.31 1688.50 1688.50 1685.66 1685.66 1685.66 1685.67 1685.70 1686.80 1685.70 1686.80 1685.70 1686.80 1686	101.26 101.08 100.90 100.75 100.60	110.96 110.92 111.01 110.91 110.76 110.43 110.07 109.75 109.39 109.24 109.05 108.87 108.87 108.87 108.90 108.01 107.82 107.59 107.54 107.44 107.44 107.44 107.44 107.45 107.28 107.15 106.99 106.86		111.66 111.35 111.16 111.03 110.90 110.66 110.32 109.97 109.68 109.46 109.33 109.17 108.96 108.78 108.62 108.45 108.62 108.77 107.87 107.71 107.55 107.75 107.51 107.49 107.49 107.42 107.38 107.49 107.42 107.38 107.31 107.22 107.07	0.005937 0.003237 0.001057 0.001054 0.001464 0.003780 0.003589 0.002612 0.001571 0.002109 0.002423 0.001877 0.001991 0.002423 0.001877 0.002309 0.002453 0.002309 0.002453 0.001443 0.000838 0.000405 0.000405 0.000405 0.000368 0.000368	1.85	1080 . 30 1227 . 63 1190 . 31 1152 . 55 1119 . 01 1096 . 54 1253 . 16 1467 . 05 1756 . 13 2087 . 63 2228 . 72 2373 . 52 2525 . 76 2670 . 71 2242 . 12 1866 . 92	1115.28 1101.90 1041.23 965.74 912.58 1225.45 1232.20 1237.58 1245.54 1251.87 1243.30 1232.85 1217.64 1197.98 1263.40 1255.87 1344.80 1470.94 1585.54 2169.29 2286.77 2246.09 1967.96	0.46 0.27 0.30 0.46 0.47 0.46 0.47 0.31 0.35 0.40 0.37 0.32 0.33 0.34 0.35 0.28 0.21 0.16 0.15 0.11 0.11 0.18 0.23 0.32 0.31 0.32 0.31 0.32 0.32 0.33
RIVER-1 RIVER-1	Reach-2	7.*	Max WS	1685.09	100.45 100.30 100.15 100.00	107.28		107.31	0.000878	2.47	1586 88	1255.87	0.23
RTVFR-1	Reach-2	7.* 6	Max WS Max WS	1684.97	100.30	107.15		107.22	0.001648	3.52 3.51	1311.96 1352.05 1429.24 1654.57	1344.80	0.32
RIVER-1	Reach-2 Reach-2 Reach-2	5.*	Max WS	1684.84	100.15	106.99		107.07	0.001582	3.51	1352.05	14/0.94	0.37
RIVER-1 RIVER-1	Reach-2	4.*	Max WS	1684.75	100.00	106.86 106.73		106.93	0.001442	3.41 3.36	1429.24	1303.34 2160 20	0.30
RIVER-1	Reach-2	ئ. "	Max WS	1604.5/	99.85	106.73		106.60	0.001369	2.61	2067.61	2286.77	0.23
RIVER-1	Reach-2 Reach-2	3.* 2 1.*	Max WS Max WS	1684 53	99.85 99.70 99.55 99.40	106.65 106.54		106.62	0.001279	3.37	1667.15	2246.09	0.29
RIVER-1 RIVER-1	Reach-2 Reach-2	ή	Max WS Max WS	1684.50	99.40	106.39	105.82	106.51	0.001279 0.001675	3.37 3.90	1667.15 1305.58	1967.96	0.33
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Appendix P-15: HEC-RAS Results, Modified Hydromodification Basin – Alternative 'A' Model, 100-Year, 24-Hour Storm

KiteCreek.rep

HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California



PROJECT DATA Project Title: Kite Creek Project File : KiteCreek.prj Run Date and Time: 9/13/2010 4:03:52 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
RIVER-2	Reach-1	11900	Max WS	601.67	158.00	163.02		163.02	0.000053	0.47	1281.41	305.82	0.04
RIVER-2	Reach-1	11850.*	Max WS	601.65	157.71	163.01		163.02	0.000055	0.46	1316.06	334.38	0.04
RIVER-2	Reach-1	11800	Max WS	601.63	157.42	163.01		163.02	0.000023	0.32	1882.95	425.14	0.03
RIVER-2	Reach-1	11750.*	Max WS	598.65	156.96	163.01		163.01	0.000024	0.33	1837.49	416.35	0.03
RIVER-2	Reach-1	11700	Max WS	598.65	156.50	163.01		163.01	0.000022	0.32	1852.64	395.46	0.03
RIVER-2	Reach-1	11650.*	Max WS	597.20	156.25	163.01		163.01	0.000024	0.34	1748.14	371.65	0.03
RIVER-2	Reach-1	11600	Max WS	598.63	156.00	163.01		163.01	0.000025	0.36	1680.65	347.09	0.03
RIVER-2	Reach-1	11550.*	Max WS	597.19	155.05	163.01		163.01	0.000025	0.35	1698.91	351.33	0.03
RIVER-2	Reach-1	11500	Max WS	595.77	154.11	163.01		163.01	0.000024	0.35	1710.54	355.65	0.03
RIVER-2	Reach-1	11450.*	Max WS	597.17	154.05	163.01		163.01	0.000022	0.33	1827.48	390.87	0.03
RIVER-2	Reach-1	11400	Max WS	595.76	154.00	163.00		163.01	0.000020	0.30	1956.21	434.93	0.03
RIVER-2	Reach-1	11350.*	Max WS	594.39	154.00	163.00		163.00	0.000018	0.29	2034.90	434.94	0.02
RIVER-2	Reach-1	11300	Max WS	594.38	154.00	163.00		163.00	0.000015	0.27	2239.28	479.62	0.02
RIVER-2	Reach-1	11250.*	Max WS	595.73	154.00	163.00		163.00	0.000012	0.25	2422.30	485.57	0.02
RIVER-2	Reach-1	11200	Max WS	594.39	154.00	163.00		163.00	0.000009	0.23	2626.45	502.64	0.02
RIVER-2	Reach-1	11150.*	Max WS	594.37	153.00	163.00		163.00	0.000007	0.21	2857.07	524.52	0.02
RIVER-2	Reach-1	11100	Max WS	594.36	152.00	163.00		163.00	0.000006	0.19	3094.58	554.28	0.01
RIVER-2	Reach-1	11050.*	Max WS	595.64	152.00	163.00		163.00	0.000005	0.18	3310.35	571.83	0.01
RIVER-2	Reach-1	11000	Max WS	595.61	152.00	163.00		163.00	0.000004	0.17	3599.35	612.54	0.01
RIVER-2	Reach-1	10887.5*	Max WS	593.11	152.00	163.00		163.00	0.000003	0.15	3990.10	609.73	0.01
RIVER-2	Reach-1	10775.*	Max WS	593.10	152.00	163.00		163.00	0.000002	0.13	4521.19	625.06	0.01
RIVER-2	Reach-1	10662.5*	Max WS	594.29	152.00	163,00		163.00	0.000001	0.12	5140.64	657.83	0.01
RIVER-2	Reach-1	10550	Max WS	594.27	152.00	163.00		163.00	0.000001	0.10	5815.38	698.07	0.01
RIVER-2	Reach-1	10490.*	Max WS	594.24	151.60	163.00		163.00	0.000001	0.09	6475.89	807.77	0.01
RIVER-2	Reach-1	10430.*	Max WS	593.15	151.20	163.00		163.00	0.000001	0.08	7093.18	908.62	0.01
RIVER-2	Reach-1	10370.*	Max WS	594.20	150.80	163.00		163.00	0.000001	0.08	7676.10	1006.05	0.00
RIVER-2	Reach-1	10310.*	Max WS	594.15	150.40	163.00		163.00	0.000001	0.07	8235.14	1108.23	0.00
RIVER-2	Reach-1	10250	Max WS	593.20	150.00	163.00		163.00	0.000001	0.07	8779.71	1174.51	0.00
RIVER-2	Reach-1	10200.*	Max WS	593.19	150.00	163.00		163.00	0.000001	0.07	8156.17	1042.81	0.00
RIVER-2	Reach-1	10150	Max WS	594.04	150.00	163.00		163.00	0.000001	0.08	7553.17	876.21	0.00
RIVER-2	Reach-1	10100.*	Max WS	593.18	150.00	163.00		163.00	0.000001	0.08	7228.41	882.04	0.01
RIVER-2	Reach-1	10050	Max WS	594.01	150.00	163.00		163.00	0.000001	0.09	6944.77	803.18	0.01
RIVER-2	Reach-1	10000.*	Max WS	593.19	150.00	163.00		163.00	0.000001	0.08	7215.44	820.24	0.00
RIVER-2	Reach-1	9950	Max WS	594.77	150.00	163.00		163.00	0.000001	0.08	7505.85	842.71	0.00

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RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	9900.* 9850 9800.* 9750	Max WS Max WS Max WS Max WS	593.95 593.18 593.18 594.52 593.84 593.78 593.78 593.73 594.12 593.68 593.68	150.00 150.00 150.00 150.00	163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	. co op	163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	0.000001 0.000000 0.000001 0.000001	0.07 0.07 0.07 0.06	8338.41 9060.95 9017.36 9346.52 10071.08 10884.88 13250.62 15722.64 16740.12 18084.44 17477.53 16729.20 13569.40 14359.69 13866.98 13450.48 13784.44 13966.46	1101.11 1241.72 1485.00 1505.48 1538.83 1582.71 1718.54 1830.39 1835.90 1807.32 1738.24 1633.81 1455.78 1279.93 1178.12 1058.23 1025.35 978.18	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
RIVER-2 RIVER-2	Reach-1 Reach-1	9750 9675.* 9600	Max WS Max WS	593.84 593.80	150.00 150.00 149.36 148.73 148.36 148.00 147.00 146.00 145.51	163.00 163.00		163.00 163.00	0.000001 0.000000 0.000000 0.000000 0.000000 0.000000	0.06 0.05	10071.08 10884.88	1538.83 1582.71	0.00 0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	9550.* 9500	Max WS Max WS	593.78 593.73	148.36 148.00	163.00 163.00		163.00 163.00	0.000000 0.000000	0.04	13250.62 15722.64	1718.54 1830.39	0.00 0.00
RIVER-2	Reach-1	9450.* 9400 9350.*	Max WS Max WS	594.12 593.68	147.00 146.00	163.00 163.00		163.00 163.00	0.000000	0.04 0.03 0.03	16740.12 18084 44	1835.90	0.00
RIVER-2	Reach-1	9350.* 9300	Max WS Max WS	593.63	145.51	163.00		163.00	0.000000	0.03	17477.53	1738.24	0.00
RIVER-2 RIVER-2	Reach-1	9300 9200.* 9100	Max WS	593.28	144.51	163.00		163.00	0.000000	0.04 0.04 0.04	15569.40	1455.78	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9050.*	Max WS Max WS	593.47 593.44	145.02 144.51 144.00 144.00	163.00		163.00	0.000000	0.04	13866.98	1279.93	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9000 8900.*	Max WS Max WS	593.40 593.37	144.00 143.08	163.00 163.00		163.00 163.00	0.000000 0.000000	0.04 0.04	13450.48 13784.44	1058.23 1025.35	0.00 0.00
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	8900.* 8800 8700.*	Max WS Max WS	593.30 593.33	144.00 143.08 142.16 143.70	163.00 163.00 163.00 163.00 163.00 163.00 163.00		163.00 163.00	0.000000	0.04 0.04 0.04	13966.46 13199.07	978.18 996.42	0.00
RIVER-2 RIVER-2 RIVER-2	Reach-1	8600	Max WS	593.30	145.24	163.00	145.98	163.00	0.000000	0.05	12677.05	998.84	0.00
RIVER-2	Reach-1	8500 8450	Max WS	593.28	140.56	154.39		154.57	0.003543	3.40	174.45	35.86	0.27
RIVER-2	Reach-1	8350 8250.*	Max WS Max WS	595.93 598.57	139.60	153.55		154.18	0.004343	3.56	168.06	36.58	0.29
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	8150.* 8050.*	Max WS Max WS	\$93.63 \$93.63 \$93.28 \$93.47 \$93.40 \$93.37 \$93.30 \$93.33 \$93.33 \$93.33 \$93.28 \$95.28 \$95.57 \$601.22 \$603.88 \$606.52 \$609.18 \$611.44	139.11 138.62	153.10 152.65		153.30 152.85	0.003543 0.004343 0.004423 0.004519 0.004626 0.004699 0.004744 0.004781	3.40 3.55 3.56 3.58 3.59 3.60 3.61	168.17 168.27	35.86 35.96 36.58 37.30 38.04 38.51 38.86 39.16	0.30
RIVER-/	Reach-1 Reach-1	7950.* 7850.*	Max WS Max WS	606.52 609.18	138.13 137.64	152.19 151.72		152.39 151.93	0.004699 0.004744	3.60 3.61	168.47 168.86	38.51 38.86	0.30 0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	7750.* 7650.*	Max WS Max WS	611.84 614.49	137.15 136.66	151.25 150.78		151.45 150.98	0.004781 0.004811	5.01	169.29 169.70	39.16 39.35	0.31 0.31
	Reach-1	7550.* 7450.*	Max WS	617.16 619.81	136.17	150.30		150.50	0.004812	3.62 3.62 3.62	170.35 171.05	39.35 39.47 39.53	0.31
RIVER-2	Reach-1	7350.* 7350.*	Max WS Max WS Max WS	622.47	135.19	149.35		149.55	0.004785	3.62	171.89	39.60	0.31
RIVER-2 RIVER-2	Reach-1	8150.* 8050.* 7950.* 7850.* 7750.* 7650.* 7450.* 7350.* 7150.* 7150.* 6850.* 6850.* 6650.*	Max WS	627.78	134.70	148.34		149.06	0.004806	3.62 3.62 3.66	171.48	39.79 39.82 42.53	0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	7050.* 6950.*	Max WS Max WS Max WS	630.29 597.49	133.72 133.23	147.77 147.17		147.99 147.37	0.005593	3.72 3.60	169.33 166.14		0.33
RIVER-2 RIVER-2	Reach-1 Reach-1	6850.* 6750.*	Max WS	589.94 590.56	132.74 132.25	146.61 145.99		146.80 146.20	0.005924 0.006501	3.58 3.65	$164.98 \\ 161.80$	47.28 48.37	0.34 0.35
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	6650.* 6550	Max WS Max WS	638.64 641.03	140.56 140.09 139.60 139.11 138.62 138.13 137.64 137.15 136.66 136.17 135.68 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76 131.27 132.84 134.40 135.97 136.00	145.30 144.57		145.56 144.87	0.008642 0.010113	3.58 3.65 4.12 4.37	155.07 146.71	47.50 45.57	0.40 0.43
RIVER-2	Reach-1	6550 6466.66* 6383.33*	Max WS Max WS	643.14 645.22	132.84	143.92 143.48		144.15	0.007513	3.84 3.48 3.69 4.20	167.35 185.33	57.72 52.71	0.40
	Reach-1	6300	Max WS Max WS	647.28	135.97	143.13		143.35	0.003358	3.69	175.26	39.14	0.31
RIVER-2 RIVER-2	Reach-1	6300 6250 6200 6100.*	Max WS	649.75	135.00	142.44		142.85	0.007155	5.14	126.53	44.64 47.28 48.37 47.50 45.57 57.72 52.71 39.14 36.19 28.34 35.58	0.43
RIVER-2 RIVER-2	Reach-1 Reach-1	6000.*	Max WS Max WS	646.41	134.75 134.50	141.59		142.23	0.003698	4.29 3.65	177.09		0.32
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	600.* 5900.* 5800.* 5700.* 5600.*	Max WS Max WS Max WS Max WS Max WS	614.49 617.16 619.81 622.47 625.12 627.78 630.29 597.49 589.94 590.56 638.64 641.03 643.14 645.22 647.28 648.53 649.75 652.28 646.41 688.82 653.42 665.07 667.62 670.16 677.99 679.94 682.43 684.94 687.45	134.25 134.00 133.75 133.50 133.25 133.00 132.73 132.45 131.91 131.64 131.36 131.09 130.82	141.24 140.87		141.41 141.00	0.003095	3.25 2.98	218.10	43.49 51.96 73.60	0.29 0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	5700.* 5600.*	Max WS Max WS	653.42 665.07	133.75 133.50	140.42 139.88		140.54 140.00	0.005511 0.005892	2.79 2.75 2.94 8.02	234.23 242.79	73.60 124.53 144.98 161.27 28.59 60.47 93.59 127.37 162.10 197.97 237.07 280.85	0.36 0.36
RIVER-2 RIVER-2	Reach-1 Reach-1	5500.* 5400	Max WS Max WS	667.62 670.16	133.25 133.00	139.23 136.80		139.36 137.80	0.008290 0.027573	2.94 8.02	228.88 83.59	161.27 28.59	0.42 0.83
RIVER-2	Reach-1	5304.54* 5209.09*	Max WS Max WS Max WS Max WS	672.59 675.04	132.73 132.45	135.66 135.04		135.97 135.21	0.009807 0.006349	4.45	151.08 204.57	60.47 93.59	0.50 0.39
RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	5400.° 5400. 5304.54* 5209.09* 5113.63* 5018.18* 4922.72* 4827.27* 4731.81*	Max WS Max WS	677.49 679.94	132.18	134.56		134.67	0.005020	3.30 2.73 2.37 2.13 1.95 1.82 1.71 1.66 1.65	248.46 286.90	127.37 162.10	0.34 0.31
RIVER-2	Reach-1	4922.72*	Max WS Max WS	682.43	131.64	133.80		133.87	0.003896	2.13	320.82	197.97	0.29
RIVER-2 RIVER-2	Reach-1	4827.27* 4731.81*	Max WS	687.45	131.30	133.47		133.20	0.003700	1.82	378.47	280.85	0.28
RIVER-2 RIVER-2	Reach-1 Reach-1	4636.36* 4540.90* 4445.45*	Max WS Max WS	689.94 692.47	130.82 130.55 130.27	132.82 132.46		132.86 132.51	0.003702	1.71	418.36	331.77	0.28
RTVFR-2	Reach-1 Reach-1	4445.45* 4350	Max WS Max WS	692.47 694.98 697.50 699.67	130.00	154.39 153.98 153.95 153.10 152.65 152.19 151.72 151.72 150.30 149.35 148.86 148.34 147.77 147.17 146.61 145.99 145.30 144.57 143.92 143.48 143.48 144.96 141.59 141.59 141.59 141.59 141.59 143.48 143.48 143.48 143.48 143.49 141.59 142.69 133.47 133.80 135.04 135.04 135.08		132.13 131.55	0.004811 0.004812 0.004804 0.004785 0.004806 0.004956 0.005560 0.005560 0.005924 0.006501 0.008601 0.004669 0.007513 0.004362 0.003358 0.004964 0.003095 0.003596 0.003596 0.005511 0.005892 0.005511 0.005892 0.005596 0.005597	2.25	174.45 168.06 168.06 168.17 168.27 168.8.47 168.8.9 169.29 169.70 170.35 171.89 172.46 171.48 169.33 166.14 164.98 165.33 175.26 175.26 175.26 176.73 189.20 177.09 199.68 218.10 234.23 242.79 228.88 831.08 204.57 248.46 286.90 320.82 350.70 378.47 402.79 418.36 421.29 309.99 333.20	331.77 390.42 442.84 457.35	0.27 0.29 0.30 0.30 0.31 0.31 0.31 0.31 0.31 0.33 0.33
RIVER-2 RIVER-2 RIVER-2 RIVER-2	Reach-1	4260.* 4170.*	Max WS Max WS	699.67 701.87	129.40 128.80	130.87 130.39		130.93 130.45	0.011246 0.007654 0.004991	2.11	333.20 376.07	467.92 469.95	0.44 0.37
RIVER-2 RIVER-2	Reach-1 Reach-1	4080.* 3990.*	Max WS Max WS	701.87 704.05 706.24	128.20 127.60	130.03 129.74		154.57 154.18 153.30 152.85 152.39 151.93 151.93 150.50 150.50 149.05 149.05 149.05 147.99 147.37 146.20 145.56 144.87 144.15 143.35 143.15 142.25 141.80 140.54 140.00 139.36 137.80 131.55 132.86 132.86 132.85 133.87	0.004991 0.003745	1.87 1.62 1.48	376.07 433.53 477.72	484.27 495.48	0.30 0.27

RIVER-2	Reach-1	3900	Max WS	708.43	127.00	KiteC 129.50	reek.rep	129.53 129.28	0.003241 0.003234	1.40	504.92 503.78	508.27 501.74	0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	3900 3800.* 3700.* 3600.*	Max WS Max WS	708. 43 711. 29 716. 75 713. 29 716. 75 712. 27 725. 02 727. 725. 02 727. 725. 02 727. 76 730. 51 733. 28 740. 55 742. 83 745. 10 747. 36 749. 63 752. 09 754. 55 757. 01 759. 43 766. 72 771. 51 773. 88 773. 69 773. 63 773. 773. 25 773. 25 773. 25 773. 21 773. 25 773. 25 773. 25 773. 25 773. 25 773. 25 773. 25 773. 27 773. 25 773. 25 773. 27 773. 25 773. 25 773. 27 773. 25 773. 27 773. 25 773. 27 773. 25 773. 27 773. 25 773. 27	126.70 126.40	129.50 129.25 129.00 128.76 128.51 128.27 128.03 127.52 127.52 127.52 127.52 126.64 126.37 125.86 125.59 125.33 125.76 124.49 124.25 124.49 124.25 124.20 123.47 122.87 122.54 123.47 122.87 120.78 12		129.28 129.03	0.003234 0.003204 0.003143	1.41 1.42 1.42	503.78 503.96 505.82	501.74 495.68 490.30	0.25 0.25 0.25 0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	3500.* 3500.* 3400.* 3300.* 3100.* 3100.* 2900 2812.5*	Max WS Max WS	719.73 719.52	126.10 125.80 125.50	128.51 128.57		128.55	0.003143 0.003041 0.002966	1.42 1.41 1.40	510.26 514.17	486.12 483.45	0.24 0.24
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1	3300.* 3200.*	Max WS Max WS	725.02 727.76	125.30 125.20 124.90 124.60 124.30 124.00 123.52 123.03	128.03		128.06 127.81	0.002920	1.40 1.40	517.21	102 16	0.24 0.24
RIVER-2 RIVER-2	Reach-1 Reach-1	3100.* 3000.*	Max WS Max WS	730.51 733.25	124.60 124.30	127.52 127.24		127.55 127.27	0.002911 0.003131	1.41 1.44	518.82 517.82 509.40	476.93 480.75	0.24 0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	2900 2812.5*	Max WS Max WS	735.99 738.28	124.00 123.52	126.93 126.64		126.96 126.68	0.003480 0.003865	1.46 1.49	505.35 495.75	480.41 476.93 480.75 507.36 520.81 519.11	0.26 0.27 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1	2725.* 2637.5*	Max WS Max WS	740.55 742.83	122.55	126.37 126.12		126.40 126.15	0.003920 0.003687	1.50 1.47	493.95 503.95	278.87	0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	2550.* 2462.5*	Max WS Max WS	745.10 747.36	122.07 121.58	125.86 125.59		125.90 125.62	0.003503	1.45 1.47	512.40 509.15	518.02 515.51	0.26 0.26 0.26
RIVER-2 RIVER-2	Reach-1	23/5 2279.16*	Max WS Max WS	749.63 752.09	121.58 121.10 121.07	125.33		125.08	0.003468	1.46 1.43	514.32 525.06 524.83	525.48	0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	2163.33" 2087.5* 1991.66*	MAX WS MAX WS	757.01 759 43	121.03 121.00 120.97	124.49 124.25		124.79	0.003471	1.44 1.42 1.37	533.20 555 78	546.61 558.75	0.25 0.26 0.25 0.24 0.23
RIVER-2 RIVER-2	Reach-1 Reach-1	1895.83* 1800	Max WS Max WS	761.89 764.31	120.93 120.90 120.43	124.03 123.83		124.06 123.85	0.002647 0.002156	1.30 1.21	587.47 630.08	571.56 580.89	0.21
RIVER-2 RIVER-2	Reach-1 Reach-1	2812.5* 2725.* 2637.5* 2550.* 2462.5* 2279.16* 2183.33* 2087.5* 1991.66* 1895.83* 1800 1705.* 1610.*	Max WS Max WS Max WS	766.72 769.12	119.95	123.63 123.42		123.66 123.45	0.002898 0.002911 0.003131 0.003480 0.003865 0.003920 0.003503 0.003503 0.003578 0.003468 0.003468 0.003471 0.003401 0.003401 0.002647 0.002156 0.002357 0.00295	1.30 1.21 1.28 1.35 1.45	587.47 630.08 601.25 569.47	513.51 513.90 525.48 535.91 546.61 558.75 571.56 580.89 549.77 522.68 502.74 478.63 574.35	0.21
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1		Max WS Max WS Max WS Max WS	771.51 773.88	119.47 119.00	123.17 122.87		123.20 122.90	0.003632	1.60	534.76 494.42	502.74 478.63	0.23 0.24 0.27 0.27
RIVER-2 RIVER-2	Reach-1	1324.61* 1229.23*	Max WS Max WS	773.87 773.80	118.62 118.23 117.85	122.54		122.58	0.003641 0.003512	1.60 1.57	501.72 517.97	574.35 580.51	0.27 0.26 0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	1133.84* 1038.46*	Max WS Max WS	773.78 773.69	117.46 117.08	121.62		121.65	0.003512 0.003478 0.003455 0.003395	1.55 1.52 1.49	517.97 527.74 535.21 542.91	574.35 580.51 579.22 575.94 572.15 563.95	0.26 0.26
RIVER-2 RIVER-2 RIVER-2	Reach-1	847.692* 752.307*	Max WS Max WS	773.50 773.50 773.41	116 60	121.07 120.78		121.10 120.81	0.003333 0.003407 0.003372	1.47 1.51	544 37	563.95 516.83	0.26 0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	656.923* 561.538*	Max WS Max WS	773.33 773.27	116.31 115.92 115.54 115.15	120.48 120.19		120.51 120.23	0.003427	1.58 1.65	528.02 504.17 482.66	516.83 465.74 425.83	0.26 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1	466.153* 370.769*	Max WS Max WS	773.25 773.24	114.77	119.92 119.65		119.96 119.70	0.003544 0.003860	1.69 1.79 2.16	462.58 422.23 346.01	382.32 324.26	0.27 0.28
RIVER-2 RIVER-2	Reach-1 Reach-1	1420 1324.61* 1229.23* 1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769* 275.384* 180 326 325.5* 325.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	773.10 764.58	114.38 114.00	119.34 118.73		119.42 118.92	0.005520	2.16 3.49 2.90	219.22	403.74 425.83 382.32 324.26 258.27 101.35 142.45 152.20	0.34 0.42 0.48
RIVER-1 RIVER-1 RIVER-1	Reach-1	325.5* 325.5*	Max WS Max WS	150.61 149.94 166.61	169.00 168.75	170.81 170.38		170.71 170.46 170.19	0.003302	2.71 3.01	80.29 87.88 89.79		0.45 0.50
RIVER-1 RIVER-1	Reach-1 Reach-1	324.5* 324	Max WS Max WS	170.89 170.39	168.75 168.50 168.25 168.00 167.02	169.79 169.56		169.90 169.62	0.006539 0.004309	3.16	02.26	183.87 201.31	0.53 0.44
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	324.5* 324 323.* 322	Max WS Max WS Max WS	171.11 168.51	166.04	169.20 168.13	168.00	169.33 168.58	0.004098 0.015327	2.62 3.22 5.43	116.62 92.52 33.25	183.87 201.31 197.90 48.30	0.45 0.84 0.54
RIVER-1 RIVER-1	Doach_1	320 319.*	Max WS Max WS	197.23 197.46	166.00 166.00	167.56 167.36		167.62 167.40	0.006598	3.31 1.78 1.50	132.00	254.63 371.56	0.34 0.33 0.31
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	318 317.*	Max WS Max WS	197.45 198.13	166.00 165.50 165.00	166.97 166.46		167.22 167.00 166.53	0.003521 0.003540 0.003860 0.005520 0.007361 0.005302 0.004623 0.005795 0.006539 0.004309 0.004098 0.015327 0.006598 0.002601 0.002422 0.007436 0.007436	1.40 2.10	167.15 150.80 94.86 98.61	394.00 178.93	0.30
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1	316 315.* 314	Max WS Max WS Max WS Max WS	202.02	164.50 164.00 163.50	165.82 165.38		165.89 165.43	ი იივნნი	2.05	135.94	254.63 371.56 506.68 394.00 178.93 156.02 240.12	0.45 0.34 0.46 0.37 0.55
RIVER-1	Reach-1 Reach-1	313.* 312 311.*		206.94 208.86	163.50 163.00 162.50	165.00 164.68		165.09 164.71	0.004898 0.003233	2.72 2.14 3.14	117.10 184.65		0.46 0.37
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	311.* 310	Max WS Max WS Max WS Max WS Max WS Max WS	211.07 213.33	162 00	164.18 163.79		164.27 163.83	0.002000 0.004898 0.003233 0.007033 0.002181 0.009181	2.05	115.77 177.16	355.70 232.36 233.25 261.35 166.30 311.16	0.35 0.32 0.63
RIVER-1 RIVER-1	Reach-1 Reach-1	310 309.* 308 307.*	Max WS Max WS	215.47	161.26 160.51 159.76	163.22 162.84 163.57		163.41 162.88 162.69	0.009181 0.001697 0.004614	3.65 1.84 2.91	85.57 161.02 98.09	166.30 311.16	0.28 0.46
RIVER-1 RIVER-1 RIVER-1	Reach-1	307.* 306 305.*		219.63	159.00 159.00	162.19 161.66		162.36 161.81	0.007584	3.56 3.20	107.53 103.08	518.18	0.58 0.54
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	304	Max WS Max WS Max WS Max WS	218.33 218.12	159.00 158.75	161.41 161.30		129 .03 128 .79 128 .55 128 .30 127 .81 127 .55 127 .55 127 .55 127 .55 127 .55 126 .40 126 .40 125 .90 124 .52 124 .52 124 .52 124 .52 124 .52 124 .52 124 .52 124 .52 124 .52 124 .52 123 .85 123 .45 123 .66 123 .45 123 .66 123 .45 123 .90 120 .81 120 .23 119 .90 119 .42 118 .92 119 .42 118 .92 119 .42 118 .58 167 .62 169 .63 167 .62 167 .60 167 .22 167 .40 167 .22 167 .40 167 .22 167 .40 167 .22 167 .40 167 .22 167 .40 169 .63 165 .89 165 .83 165 .89 165 .83 165 .89 164 .77 164 .77 165 .88 167 .62 167 .60 168 .53 169 .63 161 .43 161 .44	0.006733 0.001352 0.001298 0.002064	1.56 1.88	281.68 258.11	693.22 666.23 684.10	0.25 0.26
RIVER-1 RIVER-1	Reach-1 Reach-1	303.* 302 301.*	Max WS	219.30 217.19	158.50 158.25 158.00	161.17 160.99		161.24 161.06 160.89	0.002170	2.78 2.76	219.27 181.38 194.80	684.10 373.20 268.78 246.51	0.33 0.34 0.27
RIVER-1 RIVER-1	Reach-1 Reach-1	300 299.*	Max WS Max WS	203.79 196.00	158.00 158.31	160.85 160.74		160.89 160.78	0.001447 0.001550	2.17 2.29	194.80 186.67	246.51	0.27

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RIVER-1	Reach-1 Reach-1	298 297.*	Max WS	191.95 181.45 181.32	158.62 158.31	160.65 160.60 160.59 160.58 160.55 160.55 160.47 159.97	·	160.67 160.61 160.59 160.58 160.57 160.55 160.53 160.52	0.001056 0.000303 0.000074 0.000108	$\frac{1.89}{1.03}$	219.11 379.65 632.20	229.53 415.39 482.31 400.35 332.58 243.82 181.78 102.07 37.85	0.24 0.13 0.06
RIVER-1	Reach-1	297." 296	Max WS Max WS	181.43	158.00	160.60		160.51	0.000303	0.53	632.20	413.39	0.13
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	296 295.* 294 293.* 292	Max WS	180.67	158.01	160.58		160.58	0.000108	0.64	501.84	400.35	0.08
RIVER-1	Reach-1	294	Max WS	213.43	158.01 157.51	160.56		160.57	0.000146	0.74	454.93	332.58	0.09 0.09 0.11
RIVER-1 RIVER-1	Reach-1	293.* 292	Max WS	213.42 213.41	157.51	160.55		160.55	0.000137	0.84 1.05	394.86 329.06	243.82 181.78	0.09
RTVFR-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	291.5 290.62 290.61 289.32	Max WS Max WS Max WS	213.43 213.42 213.41 213.49 213.39 213.19 212.88 212.86 212.97 213.15 213.40 213.47 211.76 205.79 198.34 190.90 234.37 233.64 233.68 233.68 233.82 234.18 234.23 234.23 234.27	157.00	160.47		160.52	0.000146 0.000157 0.000200 0.000947 0.004449	2.25 5.12	143.82	102.07	0.24 0.52
RIVER-1	Reach-1	290.62	Max WS	213.39	157.00	159.97		160.38	0.004449	5.12	41.64	37.85	0.52
RIVER-1 RIVER-1	Reach-1	290.61 289.32	Max WS	213 39	157.00		158.93		0 025127	8.61	24.77		1.14
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	788 668	Max WS	213.19	156.50	158.77 158.46 158.28	130.33	159.92 158.75 158.29 158.20 158.15 157.85 157.52 156.93 156.62 156.36 156.00 156.00 156.00 156.00 156.00 156.00	0.025127 0.009559 0.000367 0.000553 0.000639 0.003295 0.003305 0.003478 0.003293 0.003022 0.001889 0.001321 0.000813 0.000254 0.000068 0.000025 0.000021 0.000012	4.30 1.05	24.77 49.60 396.11	30.62 38.22 427.03	1.14 0.66 0.14 0.17 0.18
RIVER-1	Reach-1	288 287.* 286 285.* 284 283.*	MAX WS MAX WS	212.88	156.00	158.28		158.29	0.000367	1.05	396.11	427.03	0.14
RIVER-1 RIVER-1	Reach-1	287.* 286	Max WS Max WS	212.86 212.81	156.00 156.00	158.24 158.18 158.02 157.72 157.36 157.09 156.77 156.25 156.04 156.02 156.01 156.00 156.00 156.00 156.00 156.00		158.25 158.20	0.000555	1.30 1.41	332.82 304.24	386.32 331.05	0.17
RIVER-1	Reach-1	285.*	Max WS	212.97	155.50 155.00 154.75	158.02		158.15	0.003295	3.03	94.61 72.95	151.81 45.08 88.07	0.41
RIVER-1	Reach-1	284	Max WS	213.15	155.00	157.72		157.85	0.003305	2.92	72.95	45.08	0.40 0.44
RIVER-1	Reach-1	283.* 282	Max WS Max WS	213.40 213.47	154.75	157.36		157.32	0.003606	3.36 3.65	74.60 104.39 92.51 83.66	136.43	0.44
RIVER-1	Reach-1	281.*	Max WS	211.76	154.25 154.00	156.77		156.93	0.003293	3.50	92.51	136.43 110.73	0.42
RIVER-1	Reach-1	280	Max WS	205.79	154.00	156.46		156.62	0.003022	3.30	83.66	107.46	0.40
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	2/9.* 278	Max WS Max WS	198.34	153.25 152.50 152.45	156.25		156.30	0.001889	2.70	100.43	113.68	0.32 0.27
KTAFK-T	Reach-1	277.*	Max WS	234.37	152.45	156.04		156.09	0.000813	2.25	190.13	195.13	0.22
RIVER-1 RIVER-1	Reach-1	276	Max WS	233.64	152.40	156.02		156.03	0.000254	1.27	87.26 100.43 190.13 368.85 617.33	110.75 107.46 85.98 113.68 195.13 276.14 371.17 498.01	0.27 0.22 0.13 0.06 0.03
RIVER-1 RIVER-1	Reach-1	2/5.* 274	Max WS	233.84 233.68	151.90 151.40	156.01 156.01		156.01	0.000068	0.57 0.33	924.04	498.01	0.08
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	282 281.* 280.* 279.* 278. 277.* 275.* 273.* 273.* 271.* 270. 269.*	Max WS	233.82	151.40 151.30 151.20	156.00		156.00	0.000021	0.30	990.54	480.28 442.60 484.22 523.80 516.39 447.85	0.03
RIVER-1	Reach-1	272	Max WS	234.18	151.20	156.00		156.00	0.000012	0.25	1145.06 1163.00	442.60	0.02 0.02 0.02
RIVER-1 RIVER-1	Reach-1	2/1.*	Max WS	234.23	150.85 150.50	156.00		156.00	0.000013	0.25 0.25	1144.18	523.80	0.02
RIVER-1	Reach-1	269.*	Max WS	234.36	150.12 149.75	156.00		156.00	0.000010	0.25 5.66	1264.02	516.39	0.02
RIVER-1	Reach-1	268	Max WS	146.18	149.75	155.49		155.98	0.003535	5.66	25.82	447.85	0.42
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	267.68 267.265* 266.53 266.52 264.033* 263.016* 262 261.* 260 259.* 258 257.* 256 255.*	May WS	Culvert 234.35 234.34 Culvert 234.34 234.32 234.27 234.27 234.77 234.75 234.77 234.89 260.30 260.42 260.30 201.86 194.20 193.76	149.43	152 11	153.50	156.86	0.075351	17.49	13.40	36.34	1.88
RIVER-1 RIVER-1	Reach-1	266.53	Max WS Max WS	234.33	149.10	152.11 152.26	133.30	156.86 152.70	0.004365	5.29	44.30	51.60	1.88 0.52
RIVER-1	Reach-1	266.52		Culvert	140.65				0.014067	7.66	30.61	22 12	0.01
RIVER-1	Reach-1	265.05	Max WS	234.34	148.65 148.24	150.84		151.75 150.80	0.014967	7.66 3.65	64.19	33.12 42.83	0.91 0.53
RIVER-1	Reach-1	263.016*	Max WS	234.27	147.84	150.21		150.35	0.006368	3.65 3.12 1.54	64.19 88.32	120.32	0.47
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	262	Max WS	234.22	147.43	150.00		150.03	0.001386	1.54	198.83 68.57	206.06	0.21
RIVER-1 RIVER-1	Reach-1	261.*	Max WS	234.47	146.71 146.00	149.23		149.42 148.66	0.014967 0.006602 0.006368 0.001386 0.010696 0.003573 0.009399 0.003193 0.005978 0.008183 0.008183 0.0012349 0.003584 0.0012349 0.000218 0.000218	3.51 2.27	134.79	61.22 171.03	0.21 0.56 0.33 0.53
RIVER-1	Reach-1	259.*	Max WS	234.75	146.00	148.03		148.21	0.009399	3.45	7/ 1/	84 00	0.53
RIVER-1 RIVER-1	Reach-1	258	Max WS	234.77	146.00	147.72		147.77	0.003303	2.06	146.04 149.58 135.36 109.27 93.22	182.30 197.40 277.15 172.52 101.14	0.37
RIVER-1 RIVER-1	Reach-1	257.* 256	Max WS	234.88 234.89	145.50 145.00	147.45		147.30	0.005193	2.26 3.28	135.36	277.15	0.32
RIVER-1	Reach-1	255.*	Max WS	260.30	144.50	146.54		146.68	0.008183	3.77	109.27	172.52	0.51
RIVER-1	Reach-1	254	Max WS	260.42	144.00 143.00	145.94		146.08	0.008310	3.61 4.31	93.22 83.41		0.32 0.44 0.51 0.51 0.62
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	253.* 252	Max WS	260.53 260.30	143.00	145.12		143.33	0.012349	2.64	150.07	113.03 185.17 328.89 500.60 471.22 539.32 404.33 345.39 318.54	0.34
RIVER-1	Reach-1	252 251.* 250	Max WS	201.86	141.75 141.50	144.38		144.40	0.001328	1.59	150.07 207.37 435.19	328.89	0.34 0.21 0.09 0.07
RIVER-1	Reach-1	250	Max WS	194.20	141.50	144.30		144.30	0.000218	0.67	435.19 484.68	500.60 471.22	0.09
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	249.*	Max WS	193.76	141.25 141.00	144.28		144.29	0.000143	0.58 0.50 0.39 0.31	565.44	539.32	0.06
RIVER-1	Reach-1	248 247.*	Max WS	192.99	140.75	144.27		144.27	0.000047	0.39	565.44 644.42 751.99 559.65	404.33	0.04 0.03 0.05 0.03
RIVER-1	Daach_I	246	Max WS	193.07	140.50	144.27		144.27	0.000024	0.31 0.54	751.99	345.39	0.03
RIVER-1 RIVER-1	Reach-1	245.*	Max WS	192.81	139.75 139.00	144.26		144.20	0.000057	0.41	680.09	309.58	0.03
RIVER-1	Reach-1	243.*	Max WS	193.12	139.50	144.26		144.26	0.000021	0.35	832.84 1130.58	411 93	0.03
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	244 243.* 242 241.* 240 239.*	MAX WS MAX WS	192.90	140.00	150.84 150.59 150.00 149.23 148.59 148.59 147.45 147.45 147.45 147.45 144.38 144.38 144.38 144.28 144.28 144.28 144.26 144.26 144.26 144.26 144.26 144.26 144.26		151.75 150.80 150.35 150.03 149.42 148.66 148.21 147.15 147.50 147.15 146.08 144.33 144.40 144.29 144.29 144.27 144.27 144.26 144.26 144.26 144.26 144.26 144.26	0.000029 0.000021 0.000011 0.000010	0.35 0.24 0.25	1130.58 1134.86	507.06 499.29 495.21	0.02 0.02
RIVER-1 RIVER-1	Reach-1	241.* 240	Max WS	192.95	139.50 139.00	144.26 144.26		144.26 144.26	0.000010	0.25	1164.21	495.21	0.02 0.02 0.02
RIVER-1 RIVER-1	Reach-1	239.*	Max WS	193.04	138.50	144.26		144.26	0.000005	0.19	1164.21 1453.11	551.96	0.02
RIVER-1	Reach-1		Max WS	193.76 193.33 192.99 193.07 192.81 192.85 193.12 192.90 192.95 192.99 193.04 193.01	138.00	144.04		144.58	0.003703	5.87	32.88	603.16	0.42
RIVER-1 RIVER-1	Reach-1	237	May WS	Culvert 193 01	137.25	139.80	140.73	143.04	0.075643	14.46	13.34	309.17	1.64 0.52
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	237 236.5 235.85 235.84	Max WS Max WS	Culvert 193.01 193.00 Culvert	137.25 136.60	139.80 139.38	1.0	143.04 139.76	0.075643 0.004558	14.46 4.96	13.34 38.92	309.17 36.68	0.52
RIVER-1	Reach-1	235.84		Culvert									

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RIVER-1 RIVER-1	Reach-1	235.23 234.153*	Max WS Max WS	193.00 193.00 192.98	136.10 135.73 135.37	138.71		139 14 138 .83 138 .72 138 .53 137 .73 137 .66 137 .56 137 .44 137 .18 136 .86 136 .55 136 .17 135 .69 135 .44 135 .08 135 .00 134 .91 134 .74 134 .74 134 .74 134 .74 134 .74 133 .84 133 .84 133 .82 132 .58	0.005642 0.002439 0.003979 0.012152 0.004218 0.000479 0.001537 0.001517 0.005577 0.005397 0.005835 0.005682 0.003001 0.005717 0.005717 0.005832 0.003060 0.00301 0.005716	5.29 2.85	36.51 67.75	35.65 30.28	0.58 0.34
RIVER-1	Reach-1 Reach-1	233 076*	Max WS Max WS	192.98	135.37	138.70 138.55		138.72	0.002433	3.42		217 86	0.39
RIVER-1 RIVER-1 RIVER-1	Reach-1	232	Max WS	193.00	135.00	138.14	137.52	138.53	0.012152	5.20	60.25	370.61	0.61
RIVER-1	Reach-1	232 231.* 230 229.*	Max WS	193.00 193.05 193.12 205.83	135.00 135.00 135.00 134.50	137.82		137.91	0.004218	2.97 1.03	137.95	370.61 427.92 494.86 444.34	0.37
RIVER-1 RIVER-1	Reach-1	230 229.*	Max WS Max WS	205.83	134.50	137.65		137.73	0.000479	1.44	283.59	444.34	0.13 0.17
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	228 227.*	Max WS Max WS	205.95	134.00	137.53		137.56	0.001330	1.97	71.77 60.25 137.95 344.62 283.59 223.83 202.72 123.00 117.97		0.21
RIVER-1	Reach-1	227.*	Max WS	206.04	133.85 133.70	137.41		137.44	0.001517	1.89 2.78	202.72	355.52	0.22
RIVER-1 RIVER-1		226 225.*	Max WS Max WS	206.14	133.70	137.10		137.18	0.005397	3.07	117.97	281.35	0.40
RIVER-1	Reach-1 Reach-1 Reach-1	224	Max WS	206.24	133.25	136.43		136.55	0.005835	3.50	113.86	268.96	0.43
RIVER-1	Reach-1	223.*	Max WS	206.31	133.12	136.07		136.17	0.005682	3.44	119.64	265.82	0.43
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	222 221.*	Max WS Max WS Max WS Max WS Max WS Max WS	206.38 206.45	133.48 133.25 133.12 133.00 132.70 132.40	138.14 137.82 137.72 137.65 137.53 137.41 137.10 136.76 136.43 136.07 135.82 135.63 135.31		135.87	0.003060	2.60 2.69	113.86 119.64 155.47 156.09 119.78	355.52 302.56 281.35 268.96 265.82 267.78 282.35 306.30	0.21 0.22 0.40 0.41 0.43 0.31 0.31 0.43 0.40 0.17 0.18 0.21 0.39
RIVER-1	Reach-1	220 219.*	Max WS Max WS	206.51	132.40	135.31		135.44	0.005717	3.70	119.78	306.30	0.43
RIVER-1	Reach-1	219.*	Max WS Max WS	206.53		135.09		135.24	0.004618	3.60 1.71	105.42 231.52 222.78 204.08 119.29 129.73	243.07	0.40
RIVER-1 RIVER-1	Reach-1	218 217.*	Max WS Max WS	206.33	131.20 131.98 132.75 132.62 132.50	135.06 134.98 134.89 134.65 134.32		135.00	0.000832	1 63	231.32	342.21 322.43	0.17
RIVER-1	Reach-1	216	Max WS	204.46	132.75	134.89		134.91	0.001369	1.54 2.76	204.08	304.14 227.46	0.21
RIVER-1	Reach-1	215.*	Max WS	227.58	132.62	134.65		134.74	0.004756	2.76	119.29	227.46 280.03	0.39
RIVER-1	Reach-1	214 213.*	Max WS Max WS	246.07	131.88	133.99		134.40	0.004466	2.42 2.82	137.38	204 90	0.39
RIVER-1 RIVER-1 RIVER-1	Reach-1	212 211.065*	Max WS Max WS Max WS	246.05	131.25	133.75		133.84	0.003121	3.34	150.36	165.75	0.41
RIVER-1	Reach-1	211.065*	Max WS	246.05	131.88 131.25 130.32 129.39	133.99 133.75 132.84 132.36		133.22	0.003121 0.012839 0.000936	4.98 3.76	137.38 150.36 49.39 65.43	165.75 26.57 36.49	0.64 0.38
RIVER-1 RIVER-1	Reach-1	210.13	Max WS	246.03 Culvert		132.30		132.36	0.000930	3.70			
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	211.06° 210.13 209.23 208.43 205.91 205.49 204.965* 204.44 203.626*	Max WS	205.95 206.04 206.14 206.19 206.24 206.31 206.38 206.55 206.55 206.55 206.57 246.05 246.05 246.05 246.05 246.05 246.04 246.04 246.04 246.04 246.04 246.04 246.03 2246.02 2246.03	128.67 129.85 129.75 129.62 129.49 129.29 129.08	132.27 132.00		132.39	0.000372	2.69	91.34 57.90 57.87 58.03 58.22 58.30 59.07 59.62	61.94 33.86 34.00	0.25 0.57 0.57 0.57
RIVER-1	Reach-1	205.91	Max WS	246.04	129.85	132.00		132.28	0.002563	4.25	57.90	33.86	0.57
RIVER-1 RIVER-1	Reach-1	205.49 204.965*	Max WS	246.04 246.04	129.75	131.89		132.17 132.04	0.002583	4.25	57.87 58.03	2/1 21	0.57
RIVER-1	Reach-1	204.44	Max WS Max WS Max WS	246.04	129.49	131.89 131.76 131.63 131.42		131.91	0.002570	4.23	58.22	34.42	0.57
RIVER-1	Reach-1	203.626*	Max WS	246.03	129.29	131.42		131.70	0.002577	4.22	58.30	34.64	0.57
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	202.813* 202 201.36 200.405* 199.451* 198.497* 197.542* 196.588* 195.634* 194.68* 193.725* 192.771* 191.817* 190.862* 189.908* 188.954*	Max WS Max WS	246.03 246.02	129.08 128.88	131.23 131.04		131.50	0.00372 0.002563 0.002583 0.002577 0.002577 0.002570 0.002474 0.002443 0.002390 0.002390 0.001377 0.001095 0.000660 0.000517 0.00060 0.000313 0.000400 0.000313 0.000400 0.000313 0.000246 0.000196 0.000157	4.25 4.24 4.23 4.22 4.17 4.13	59.07 59.62	34.42 34.64 35.00 35.33 34.99	0.57 0.57 0.57 0.56 0.56 0.56
RIVER-1	Reach-1	201.36	Max WS	246.02	128.88 128.72 128.48 128.24 128.00 127.76 127.52 127.28	130.88 130.64		131.14	0.002474	4.15		34.99	0.56
RIVER-1	Reach-1	200.405*	May MS	246.02	128.48	130.64		130.91	0.002443	4.14	59.45 59.85 60.59	34.94 34.95 35.01	0.56
RIVER-1 RIVER-1	Reach-1	199.451*	Max WS	246.02 246.01	128.24 128.00	130.42 130.20		130.68	0.002390	4.11 4.06	59.65 60.59	34.93 35.01	0.55 0.54 0.42
RIVER-1	Reach-1	197.542*	Max WS	200.59	127.76	130.03		130.19	0.001377	3.19		35 36	0.42
RIVER-1	Reach-1	196.588*	Max WS Max WS Max WS Max WS Max WS	200.58	127.52	130.42 130.20 130.03 129.94 129.87 129.77 129.77 129.74 129.70 129.69 129.68		130.07	0.001095	2.95	67.79 67.95 74.10 80.99 88.23 96.50 105.25 114.52 124.19 134.32 144.74	36.25 37.30 38.42 39.56 40.84	0.38 0.34
RIVER-1 RIVER-1	Reach-1	195.634* 194.68*	Max WS Max WS	200.57 200.56	127.28	129.87		129.90	0.000660	2.71 2.48	80.99	38.42	0.30
RIVER-1	Reach-1	193.725*	Max WS Max WS	200.56	126.81	129.77		129.85	0.000517	2.27	88.23	39.56	0.27
RIVER-1	Reach-1	192.771*	Max WS	200.55	126.57	129.74		129.81	0.000400	2.08 1.91	96.50	40.84 42.11	0.24
RIVER-1	Reach-1	191.81/*	Max WS Max WS	200.31	126.33	129.72		129.75	0.000313	1.75	114.52	43.42	0.19
RIVER-1 RIVER-1	Reach-1	189.908*	Max WS Max WS	200.46	125.85	129.69		129.73	0.000196	1.75 1.61	124.19	43.42 44.72	0.17
RIVER-1	Reach-1	188.954*	Max WS	200.44	125.61	129.68		129.71	0.000157	1.49 1.38	134.32	46.05 47.35	0.15 0.14
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	188 187.7	Max WS Max WS	200.42	126.81 126.87 126.33 126.09 125.85 125.61 125.37 125.29	129.67		132.39 132.28 132.04 131.91 131.70 131.50 131.30 131.14 130.91 130.68 130.19 130.07 129.98 129.91 129.81 129.78 129.75 129.73 129.71 129.70 129.69	0.000089	1.25	160.94	46.05 47.35 46.28	0.30 0.27 0.24 0.21 0.19 0.17 0.15 0.14
RIVER-1	Reach-1	187.68 187.65		Lat Struct							400.64		
RIVER-1	PA2Ch-I	187.65	Max WS	204.11	125.27 125.15 125.13	129.67		129.69 129.62 129.62 129.62 129.63	0.000069	1.13 2.00	182.64 228.76	52.24 62.39 61.26	0.11 0.18 0.19 0.17 0.26
RIVER-1 RIVER-1	Reach-1	187.2 187.15	Max WS Max WS	452.40 458.43	125.13	129.56 129.56		129.62	0.000200 0.000216 0.000173	2 04	224.99	61.26	0.19
RIVER-1	Reach-1	187	Max WS Max WS	458.42	125.09 123.29	129.57 129.43		129.62	0.000173	1.84 3.59	224.99 249.73 127.59	67.71	0.17
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	186.81 186.80	Max WS	458.17	123.29	129.43			0.000323	3.59		71.34	
RIVER-1 RIVER-1	Reach-1	186.80 185.39	Max WS	457.85	122.78	129.33		129.48	0.000234	3.18	144.04	48.38	0.22
RIVER-1	Reach-1 Reach-1 Reach-1	185.39 184.5 184	Max WS Max WS	457.84	122.78 126.00	129.39		129.42	0.000784	3.18 1.92 2.00	486.03	48.38 389.43 382.29 208.94	0.21
RIVER-1	Reach-1	184	Max WS	457.81	126.00	129.35		129.37	0.000736	3.38	4/5.9/ 247 71	382.29 208 94	0.21
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	183.* 182	Max WS Max WS	467.76 467.75	126.00 126.00 126.00 126.00	129.20		129.15	0.001726	2.49	144.04 486.03 475.97 247.71 286.26 258.42 276.60 321.57	198.93	0.22 0.21 0.21 0.35 0.26 0.30 0.32
RIVER-1	Reach-1	181.*	Max WS	469.40	126.00	128.89		128.96	0.002453	2.75 2.71	258.42	210.48	0.30
RIVER-1	ĸeacn-⊥	180	Max WS	470.79	126.00	128.64		128.70	0.002841	2.71 2.80	2/6.60 321 57	294.61 365.21	0.32 0.31
RIVER-1 RIVER-1	Reach-1 Reach-1	179.* 178	Max WS Max WS	515.88 515.24	126.00 125.00 124.00	128.25		128.27	0.000903	1.75	495.44	436.75	0.31 0.18 0.23
RIVER-1	Reach-1	177.*	Max WS	200.42 Struct 204.11 452.40 458.43 458.42 458.17 Culvert 457.85 457.84 457.81 467.75 469.40 470.79 513.88 515.24 517.69 520.21	124.00	129.33 129.39 129.35 129.20 129.11 128.89 128.64 128.38 128.25 128.77		129.48 129.42 129.37 129.30 129.15 128.96 128.70 128.45 128.27 128.11	0.000234 0.000784 0.000736 0.002648 0.001726 0.002453 0.002841 0.002617 0.000903 0.001457 0.003188	2.27 3.19	495.44 425.54 325.89	445.91	0.23
RIVER-1	Reach-1	176	Max WS	520.21	124.00	127.71		127.79	0.003188	3.19	325.89	443.07	0.34

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RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	175.*	Max WS	527.39 527.11 526.53 526.78 527.50 525.92 524.46 518.43 496.01 473.16 471.25 471.96 472.32	123.50 123.00	127.45	·	127.55 127.29 127.12 127.05 126.85 126.76 126.65 126.53 126.43 126.32 126.20	0.003953	3.55 3.27	301.34 341.08	456.11 562.77 637.77 745.39 781.59	0.37 0.34 0.25 0.14
RIVER-1 RIVER-1	Reach-1	174 173.*	Max WS Max WS	527.11	123.00	127.20		127.29	0.003305	2.33	341.08 464.21	562.// 627.77	0.34
RIVER-1	Reach-1	172	Max WS	526.78	123.50 124.00	127.03		127.05	0.001023	1.23	464.21 742.81	745.39	0.23
RIVER-1	Reach-1	171.*	Max WS	527.50	124,00	126.96		126.97	0.001825 0.000546 0.000858	1 51	656 00	781.59	0.17
RIVER-1	Reach-1	173. 172. 171.* 170. 169.* 168. 167.*	Max WS	525.92	124.00	127.20 127.09 127.04 126.96 126.83 126.61 126.51 126.51 126.30 126.19 126.16 125.93		126.85	0.000838 0.001307 0.002306 0.001931 0.001401 0.000821 0.000834 0.000380 0.000314	1.80 2.55 2.42 2.23	547.61 466.84 444.31 504.37 632.99	781.59 685.64 783.92 594.24 670.17 838.90 1028.78 1019.08 1048.84 963.79	0.17 0.21 0.28
RIVER-1 RIVER-1	Reach-1	169.*	Max WS Max WS	524.85 524.46	123.50 123.00 122.50 122.00	126./3		126.76	0.002306	2.55	466.84 444.31	783.92 594.24	0.28 0.26
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	167.*	Max WS	518.43	122.50	126.51		126.53	0.001931	2.23	504.37	670.17	0.23
RIVER-1	Reach-1	166 165.* 164 163.*	Max WS	496.01	122.00	126.44		126.46	0.000821	1.81	632.99	838.90	0.23 0.17
RIVER-1	Reach-1	165.*	Max WS	473.16	121.00	126.30		126.32	0.000834	1.84	660.26 840.56 903.78 104.62	1028.78	0.17 0.11 0.10 0.33
RIVER-1 RIVER-1	Reach-1	163 *	Max WS Max WS	4/1.25 471 96	120.00 120.00 120.12	126.19		126.20	0.000380	1.18 1.20	840.36 903.78	1019.08	0.11
RIVER-1	Reach-1	162	Max WS	472.32	120.12	125.93		126.25	0.002208	4.51	104.62	963.79	0.33
RIVER-1	Reach-1	161.37 161.* 160.5		Culvert 472.02 472.48 472.77									
RIVER-1	Reach-1	161.*	Max WS	472.02	120.12 120.38 120.50	125.73 125.77 125.65		125.90 125.77 125.88	0.001187	3.23 0.80	145.95 1120.79	883.91 893.08 882.55	0.24 0.07
RIVER-1 RIVER-1	KCacii I	160.1	Max WS Max WS	472.46 472.77	120.30	125.77		125.77	0.000127 0.001863	3.83	123.60	882.55	0.30
RIVER-1	Reach-1	160 09	Max WS	Culvert						5105			
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	160 159.* 158 157.*	Max WS Max WS	472.68	120.50 120.25 120.00 119.50 119.00	124.89		125.40	0.007279 0.000920 0.000798 0.001198 0.003829 0.002431 0.001058	5.73	82.43 505.42 534.38 453.76 281.41	702.98 701.48 744.06 749.94 720.89 687.23 714.50	0.55 0.19 0.17 0.21 0.37
RIVER-1	Reach-1	159.*	Max WS	473.43	120.25	124.72		124.74	0.000920	1.74	505.42	701.48	0.19
RIVER-1 RIVER-1	Reach-1	158 157 *	Max WS Max WS	474.24 474 78	119 50	124.64		124.60	0.000798	1.57 2.09	334.30 453.76	744.06 749 94	0.17
RIVER-1	Reach-1	356	Max WS	475.32	119.00	124.37		124.52	0.003829	3.90	281.41	720.89	0.37
RIVER-1	Reach-1	155.* 154 153.* 152 151.*	May WS	475.88	119.00	124.09		124.16	0.002431	3.11	370.84 557.03	687.23	0.29 0.19
RIVER-1 RIVER-1	Reach-1	154	Max WS	504.30	119.00	123.92		123.94	0.001058	2.02 2.14	557.03	/14.50 858 74	0.19 0.21
RIVER-1 RIVER-1	Reach-1	152	Max WS Max WS Max WS	523.30	119.00 119.00 119.00	123.74		123.77	0.001058 0.001147 0.000999 0.001376 0.003310 0.002464 0.001581 0.002099 0.003341 0.002090	1.93	578.28 615.12 565.23 417.30 431.24	714.50 858.74 905.15 903.96 840.25 781.31 742.20 962.39 1042.08 1035.88	0.19
RIVER-1	Reach-1	151.*	Max WS	535.51	119.00	123.61		123.63	0.001376	2.03 2.59 2.70	565.23	903.96	0.19 0.22 0.33 0.29
RIVER-1	Reach-1	150	Max WS	535.47	119.00 118.50	123.35		123.40	0.003310	2.59	417.30	840.25	0.33
RIVER-1	Reach-1	149.*	Max WS	540.06 544.61	118.50	123.07		123.12 122 92	0.002464	2.70	431.24 496 94	781.31 742 20	11 14
RIVER-1 RIVER-1	Reach-1	148 147.*	Max WS Max WS	548.03	118.00 117.92	122.73		122.77	0.002099	2.49	501.68	962.39	0.27
RIVER-1	Reach-1	146	Max WS	551.44	117.83	122.52		122.57	0.003341	2.49 2.69	496.94 501.68 461.25 465.76	1042.08	0.33
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	145.*	Max WS	554.82	117.92	122.31		122.35	0.002090	2.00	465.76	1035.88	0.27 0.33 0.26 0.30
RIVER-1 RIVER-1	Reach-1	144 143.*	Max WS Max WS	558.10 561.06	118.00 117.50 117.00 117.00	122.11		122.15	0.003067 0.001003 0.001038 0.001663 0.002493 0.001620 0.001620	1.85 1.64	425.76 590.48	958.76 970.03	0.30
RIVER-1	Reach-1	142	Max WS	565.72	117.00	121.87		121.89	0.001038	2.06	590.48 666.13 574.30 509.36	970.03 970.03 932.81 972.44 1051.30 974.50 963.78	0.19 0.19 0.24 0.29
RTVFR-1	Reach-1	141.*	Max WS	569.45	117.00	121.74		121.77	0.001663	2.06 2.57	574.30	972.44	0.24
RIVER-1 RIVER-1 RIVER-1	Reach-1	140	Max WS	572.95	117.00	121.55		121.61	0.002493	3.08 2.33		1051.30	0.29 0.24
RIVER-1	Reach-1	139.* 138 137.* 136	Max WS Max WS Max WS	578.16	117.50 118.00	121.43		121.37	0.001020	1.56	743.19 675.70 562.75 608.03 696.77 596.49	963.78	0.17
RIVER-1	Reach-1	137.*	Max WS	581.21	118.00 118.00 117.50 117.00	121.28		121.30	0.001052	1.68	675.70	983.19	0.19
RIVER-1	Reach-1	136	Max WS	584.22	118.00	121.16		121.19	0.001788	1.99 1.53 1.19	562.75	1032.63	0.25
RIVER-1 RIVER-1	Reach-1	135.* 134 133.* 132 131.*	Max WS Max WS	587.20 590.28	117.50	121.05		121.07	0.001190	1.33	696.77	766.39	0.20 0.16 0.18
RIVER-1	Reach-1	133.*	Max WS	593.94		120.87		120.89	0.001057	1.35	596.49	736.95	0.18
RIVER-1	Reach-1	132	Max WS	597.61	117.00	120.78		120.80	0.000929	1.25	583.15	614.29	0.17
RIVER-1	Reach-1	131.*	Max WS	599.52	117.00	120.69		120.71	0.001277	1.39	557.57 615.62	814.72 807.35	0.20
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	130 129 *	Max WS Max WS	602.46	117.00 117.00 117.00 117.00 117.00 117.00 116.71 116.42 116.21	120.50		120.51	0.001738	1.39 1.28 1.50	583.15 557.57 615.62 540.90 332.34 420.05	983.19 1032.63 827.20 766.39 736.95 614.29 814.72 807.35 825.97 839.85 689.21 744.68 806.81 832.08 864.60 966.54	0.19 0.23 0.40 0.31
RIVER-1	Reach-1	129.* 128 127.* 126	Max WS Max WS Max WS	603.45	117.00	120.25		120.32	0.005601	2.39	332.34	839.85	0.40
RIVER-1	Reach-1	127.*	Max WS	603.43	116.71	120.02		120.07	0.002899	2.22	420.05	689.21	0.31
RIVER-1	Reach-1	126	Max WS Max WS	603.41	116.42	119.96		119.97	0.001358	1.96	606.02 629.14	744.68 806.81	0.21 0.21
RIVER-1 RIVER-1	Reach-1 Reach-1	125.* 124 123.* 122 121.*	Max WS Max WS	603.41	116.00	119.91		119.92	0.000922	1.96 1.73 1.35 1.59	606.02 629.14 709.84 670.62 701.30	832.08	0.21 0.17 0.19 0.20 0.26
RIVER-1	Reach-1	123.*	Max WS Max WS	603.28	116.18	119.85		119.87	0.001108	1.59	670.62	864.60	0.19
RIVER-1	Reach-1	122	Max WS	603.05	116.35 115.68	119.79		119.81	0.001107	$\frac{1.61}{2.11}$	701.30 536.66	966.54 632.44	0.20
RIVER-1	Reach-1	121.* 120	Max WS Max WS	6/2.35 672.27	115.68	119.63		119.00	0.001932	2.11	614.43	623.65	0.20
RIVER-1 RIVER-1	Reach-1 Reach-1	119.*	Max WS	Culvert 472.68 473.43 474.24 474.78 475.32 475.88 504.30 535.51 535.47 540.61 544.61 554.80 561.96 565.72 569.45 572.569.45 578.16 581.21 587.20 590.28 593.94 597.61 590.28 593.94 597.61 590.28 603.43 603.41 603.43 603.41 603.43 603.41 603.49	114.50	119.36		119.42	0.001052 0.001788 0.001190 0.000791 0.001057 0.000929 0.001277 0.001189 0.001738 0.005601 0.002899 0.001358 0.001281 0.000922 0.001107 0.001107 0.001107	2.03	614.43 525.72 322.86	623.65 591.08 541.54 377.59	0.21 0.28
RIVER-1	Reach-1 Reach-1	119.* 118 117.*	Max WS Max WS	651.94	114 00	119.02		119.26	0 004287	4.76	322.86	541.54	0.49
RIVER-1	Reach-1	117.*	Max WS	641.52	114.50 115.00	118.95		119.03	0.001465	2.55 2.15	391.06 393.73	377.59 393.33	0.29 0.29
RIVER-1 RIVER-1	Reach-1	116 115.*	Max WS Max WS	018.8/ 518.64	115.00	118.78		118.81	0.001465 0.001718 0.000927 0.000552	1.42	439.49	437.27	0.21
RIVER-1	Reach-1 Reach-1	114	Max WS	502.10	114.00	118.73		118.75	0.000552	1.05	439.49 535.79 641.55	437.27 500.95 566.76	0.16
RIVER-1	Reach-2	114 112.05	Max WS	518.64 502.10 1266.68 1266.68	112.00	124.89 124.72 124.64 124.56 124.37 124.09 123.92 123.83 123.74 123.61 123.35 123.07 122.88 122.73 122.52 122.31 122.11 121.96 121.87 121.74 121.55 121.43 121.16 121.28 121.16 121.05 120.69 120.69 120.69 120.78 120.69 120.78 120.78 120.78 120.97 120.87 120.97 120.87 120.99 120.99 120.99 120.99 120.99 120.99 120.99 120.18 120.99 120.19 12		125.40 124.74 124.66 124.60 124.52 124.16 123.94 123.77 123.63 123.12 122.97 122.57 122.57 122.35 121.89 121.89 121.89 121.89 121.89 121.89 121.98 121.98 121.98 121.98 121.98 121.99 121.98 121.99 121.99 121.99 121.99 121.99 121.98 121.99 121.98 121.99 121.99 121.98	0.001540	2.69	641.55	566.76	0.30 0.30
RIVER-1	Reach-2	112	Max WS	1266.68 Lat Struct	112.00	118.72		118.82	0.001562	2.70	636.74	564.57	0.30
RIVER-1	Reach-2	111.95		Lat Struct									

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RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	111.* 110.* 109.* 108. 107.* 106. 105.* 104. 103.* 102. 101.* 100. 99.* 98. 97.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	1264.35 1223.45 1204.47 1198.97 1198.09 1197.20 1196.12 1195.62 1195.38 1014.06 1249.76 1249.67	113.00 114.00 113.50 113.00 112.00 111.00 110.50 110.00 110.50 110.50 111.00	KiteCr 118.61 118.54 118.34 118.15 118.11 118.08 117.98 117.97 117.97 117.97 117.94 117.91	eek.rep	118.70 118.59 118.42 118.24 118.17 118.12 118.08 118.04 118.00 117.99 117.96 117.93	0.001854 0.001415 0.002400 0.001498 0.001026 0.000646 0.000779 0.000770 0.000771 0.000426 0.000426	2.54 2.05 2.78 3.27 2.66 2.43 2.48 2.16 1.73 2.14 2.14 2.13	632.31 819.58 698.50 767.70 931.28 1120.00 1086.55 1083.50 1166.17 1432.11 1420.32 1411.41 1414.35 1409.32 1409.32 1409.32 1409.32 1409.32 1409.32 1409.32 1409.33 1409.33 1208.53 1243.40 1470.33 1415.88 1406.03 1882.52 2481.79	544.07 666.46 589.37 584.54 675.60 747.88 756.57 765.02 818.99 835.26 820.78 807.69	0.32 0.27 0.36 0.31 0.25 0.22 0.22 0.22 0.14 0.17 0.17
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	95. * 94. * 93. * 91. * 90. * 88. * 86. *	MAX WS MAX WS	1251.43 1252.36 1253.35 1254.59 1255.85 1256.79 1258.41 1259.78 1261.17 1262.75 1264.33 1265.50 1266.67 1267.36 1284.33	113.00 114.00 113.50 113.00 112.00 110.50 110.00 110.00 110.50 111.00 110.50 111.00 111.00 111.00 110.50 111.00 110.50 110.00 109.50 109.00 109.00 109.00 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 108.50 109.00 109.00 108.50 109.00 108.50 109.00 109.00 108.50 109.00 108.50 109.00 109.00 109.00 109.00 108.50 109.00 108.50 109.00 109.00 109.00 109.00 108.50 109.00 109.00 109.00 108.50 109.00 109.00 108.50 109.00	118.61 118.54 118.34 118.15 118.08 118.08 117.97 117.98 117.97 117.94 117.91 117.76 117.76 117.76 117.71 117.63 117.58 117.58 117.58 117.58 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.35 117.36 117.36 117.36 117.36 117.36 117.36 117.36 117.35 117.36	113.19	118.70 118.59 118.42 118.42 118.17 118.08 118.04 118.00 117.99 117.93 117.86 117.74 117.76 117.62 117.54 117.54 117.54 117.44 117.38 117.44 117.39 117.38 117.39	0.001854 0.001415 0.002400 0.001498 0.001026 0.000646 0.000800 0.000779 0.000271 0.000426 0.000438 0.000448 0.000404 0.000398 0.000418 0.000395 0.000388 0.000364 0.000395 0.000388 0.000364 0.000307 0.000293 0.000150 0.000075 0.000075 0.000072	3.27 2.48 2.48 2.16 2.17 2.113 2.12 2.12 2.116 2.218 2.218 2.004 2.003 1.22 2.109 1.114 1.114 1.114 1.115 1.116 1.116 1.117	1414.35 1409.32 1403.16 1376.21 1348.60 1303.73 1208.53 1243.40 1470.33 1415.88 1406.03 1882.52 2481.79 2660.49 2945.03 2526.44 2226.56 662.50	544.07 666.46 589.37 584.54 675.60 747.88 756.57 765.02 818.99 835.26 820.78 807.88 807.89 810.87 790.45 769.42 775.52 779.96 603.58 1182.11 1090.78 877.94 1212.50 1311.12 1355.07 1404.19 1316.00 1250.42 1345.36	0.32 0.27 0.36 0.31 0.22 0.22 0.22 0.21 0.14 0.17 0.17 0.17 0.17 0.16 0.17 0.16 0.17
RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2	81.55 81.55 81.30	Max WS Max WS Max WS	1284.08 Bridge 1280.41 1282.28	108.22 108.96 108.83	117.25 115.98 116.02	113.19	116.42 116.28	0.006543 0.001543	5.33 4.07	240.18 315.14	70.58 64.39	0.51 0.32
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	81.56 81.55 81.30 80.95 80.94 80.38 79.3849* 78.39 77.6566* 76.9233* 76.9233* 76.9233* 76.94	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	Bridge 1268.85 1263.49 1257.41 1256.94 1254.55 1248.42 1228.81	108.67 108.33 108.00 107.80 107.60 107.40 107.22	115.95 115.86 115.80 115.78 115.73 115.56	112.15	116.22 116.05 115.87 115.82 115.81 115.80	0.001661 0.001305 0.000607 0.000266 0.000313 0.000572 0.001107	4.13 3.83 2.89 1.91 2.05 2.74 3.83	307.35 625.09 817.76 1387.90 1469.63 1134.05 506.11	65.89 606.96 327.24 556.58 785.94 906.32 437.90	0.34 0.30 0.21 0.14 0.15 0.20 0.28
RIVER-1 RIVER-1	Reach-2 Reach-2	75.85 75.40 74.7* 74. * 73. * 71. * 69. * 68. 66 65. * 64. * 62. * 61. * 69. * 59. * 58. 57.19	Max WS Max WS	1264.35 1223.45 1223.45 1204.47 1198.97 1198.09 1197.20 1195.62 1195.38 1014.06 1249.67 1250.19 1251.43 1252.36 1253.35 1254.59 1255.85 1256.79 1255.85 1256.79 1258.41 1259.78 1261.17 1262.75 1264.33 1265.50 1266.67 1267.85 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.38 1284.39 1255.85 1284.39 1257.49 1256.94 1256.9	106 .63 106 .82 107 .00 107 .43 107 .86 107 .44 107 .03 107 .35 107 .68 107 .40 107 .20 107 .00 106 .81 106 .62 106 .03 106 .24 106 .07	115.56 115.59 115.58 115.57 115.56 115.44 115.34 115.20 115.03 114.84 114.58 114.41 114.26 114.12 113.98 113.76 113.64 113.64	110.85	115.75 115.63 115.60 115.58 115.57 115.46 115.35 115.21 115.04 114.82 114.61 114.45 114.30 114.14 114.00 113.88 113.71 113.67	0.001219 0.000460 0.000226 0.000154 0.000117 0.000994 0.001253 0.001611 0.002015 0.001473 0.001575 0.001575 0.001575 0.001575 0.001575 0.001584 0.001371 0.001062 0.000888 0.000469 0.000938	3.60 2.03 1.25 1.17 1.14 3.08 3.13 3.46 3.45 3.38 4.14 3.66 3.32 8.11 2.81 2.78 2.42 3.11	498.63 1152.62 1932.41 2249.28 2553.18 718.42 552.15 495.41 449.33 461.49 427.89 474.25 463.51 477.47 498.01 536.37 608.64 693.77 1037.47 831.94	397.05 825.09 1248.73 1310.54 1371.79 444.21 102.27 94.14 89.14 134.93 133.19 173.31 185.66 225.98 197.75 209.88 230.91 361.22 477.57 421.34	0.29 0.18 0.12 0.10 0.09 0.24 0.27 0.30 0.33 0.31 0.31 0.32 0.32 0.32 0.36 0.26
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	57.19 56.9 56.55.* 54.53.*	Max WS Max WS Max WS Max WS Max WS	Bridge 1577.27 1581.77 1585.94 1590.03 1600.95	107.05 105.90 105.85 105.80 105.70	113.44 113.39 113.36 113.33 113.26		113.58 113.48 113.42 113.38 113.31	0.001171 0.000616 0.000506 0.000445 0.000480	3.38 2.61 2.20 1.94 2.04	750.96 846.49 1004.53 1143.53 1075.29	399.92 383.89 472.34 560.45 398.34	0.28 0.21 0.19 0.17 0.16

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RIVER-1	Reach-2	52 51.*	Max WS	1611.77	105.60	113.17		113.22	0.000587	2.06	1012.50	325.21	0.16 0.19
RIVER-1	Reach-2 Reach-2	51.*	Max WS	1617.09 1622.39 1627.76	105.57	113.10		113.15	0.000693 0.000778	2.31	960.77	314.54	0.19
RIVER-1	Reach-2	50.*	Max WS	1622.39	105.54	113.02		113.08	0.000778	2.53	918.38	304.16	0.21
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2	49.*	Max WS	1627.76	105.50	112.93 112.84 112.77		113.00 112.93 112.84	0.000822	2.75	887.10 866.89 950.96	294.95 287.32	0.22
RIVER-1 RIVER-1	Reach-2	48 47.*	Max WS	1632.92 1638.17	105.47	112.84		112.93	0.000800 0.000744	3.01 2.82	866.89	287.32	0.23
RIVER-1	Reach-2	47.*	Max WS	1638.17	105.68	112.77		112.84	0.000744	2.82	950.96	323.14	0.23
RIVER-1	Reach-2	46.*	Max WS	1643.40	105.88	112.71		112.77	0.000633	2.57	1058.18	357.55	0.21
RIVER-1	Reach-2	45.*	Max WS	1643.40 1648.85	106.08	112.66		112.71	0.000496	2.57	1193.43	403.26	0.19
RIVER-1	Reach-2	44	Max WS	1654.06	106.29	112.62		112.66	0.000366	2.09	1356.50	430.53	0.16
RIVER-1	Reach-2 Reach-2	43.*	Max WS	1659.02	106.30	112.58		112.62	0.000381	2.09 2.17	1306.15	426.17	0.17
RIVER-1	Donch 7	42.*	Max WS	1654.06 1659.02 1663.88 1668.72 1673.66	106.29 106.30 106.31	112.62 112.58 112.54		112.66 112.62 112.59 112.55 112.51	0.000366 0.000381 0.000397 0.000412 0.000425	2.23 2.27 2.30	1263.51 1227.87	422.06	0.21 0.22 0.23 0.23 0.21 0.19 0.16 0.17 0.17 0.18 0.16 0.14 0.12 0.13
RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	41.*	Max WS Max WS	1668.72	106.32	112.50		112.55	0.000412	2.27	1227.87	418.08	0.17
RIVER-1	Reach-2	40	Max WS	1673.66	106.33	112.46		112.51	0.000425	2.30	1200.14	414.41	0.18
DTV/FD_1	Reach-2	39.*	Max WS Max WS	1673.65 1673.63	106.17 106.01	112.43 112.41		112.47	0.000344	2.09	1348.47 1546.87	456.68	0.16
RIVER-1	Reach-2	38.*	Max WS	1673.63	106.01	112.41		112.44	0.000261	1.83	1546.87	492.98	0.14
RIVER-1 RIVER-1	Reach-2	37.*	Max WS Max WS	1673.57	105.84	112.39 112.37		112.41	0.000185 0.000230	1.56	1784.63	513.86	0.12
RIVER-1	Reach-2	36	Max WS	1673.57 1673.60 1673.59	105.68	112.37		112.47 112.44 112.41 112.39	0.000230	1.75	1648.77	524.11	0.13
RIVER-1	Reach-2	35.22	Max WS	1673.59	104.52	112.14		112.42 112.36	0.001520	4.27	392.24	75.15	0.33
RIVER-1	Reach-2	34.82	Max WS	1673.58	104.52	112.07	108.71	112.36	0.001577	4.32	387.04	74.75	0.33
RIVER-1	Reach-2	34.81		Bridge									
RIVER-1 RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2	34.34	Max WS	Bridge 1673.45 1673.45	104.30	110.96		111.64	0.005873	6.65	251.62 319.05 801.79	68.24 78.97	0.61 0.46
RIVER-1	Reach-2	33.67*	Max WS	1673.45	104.12	110.91 111.00		111.34	0.003200	5.25	319.05	78.97	0.46
RIVER-1	Reacn−2	33	Max WS	1673.48	103.93	111.00		111.15 111.02	0.001052	3.35	801.79	582.91	0.27
RIVER-1	Reach-2	32.*	Max WS	1673.45 1673.37	103.40	110.90 110.75		111.02	0.001048	3.08	838.96	665.76	0.27
RIVER-1	Reach-2	31.*	Max WS	1673.37	102.88	110.75		110.89	0.001458	3.15	792.29 607.77	740.12	0.30
RIVER-1	Reach-2	30	Max WS Max WS	1673.38	102.35	110.42		110.65	0.003780	3.96 4.22	607.77	998.95	0.46
RIVER-1 RIVER-1	Reach-2	29.* 28.*	Max WS	1673.35	102.34	110.42 110.07 109.74		110.31	0.003927	4.22	616.21	945.18	0.47
RIVER-1	Reach-2 Reach-2 Reach-2	28.*	Max WS	1673.38 1673.35 1673.21 1673.16	102.33 102.33	109.74		109.97	0.003592	4.24	695.31 892.68	886.44	0.46
RIVER-1	Reach-2 Reach-2	27.*	Max WS	1673.16	102.33	109.52		110.65 110.31 109.97 109.67 109.32 109.16 108.77 108.61 108.44 108.25 108.06 107.86	0.001052 0.001048 0.001458 0.003780 0.003927 0.003592 0.002615	3.85	892.68	956.23	0.40
RIVER-1	Reach-2	26	Max WS Max WS	1673.07 1672.99 1672.85 1672.75 1672.63 1672.52 1672.29	102.32 101.99 101.66	109.38 109.23 109.04 108.86 108.72		109.45	0.0013/1	3.18 3.52	1206.78 1115.45	1057.52 1134.41	0.31
RIVER-1	Reach-2	25.*	Max WS	16/2.99	101.99	109.23		109.32	0.002110	3.82	1008.84	1218.11	0.33
RIVER-1	Reach-2 Reach-2 Reach-2 Reach-2 Reach-2 Reach-2	24.*	Max WS	1672.85	101.00	109.04		109.10	0.002802 0.002429 0.001883 0.001997 0.002122 0.002297 0.002307 0.002306	3.34	1071.05	1061.36	0.40
RIVER-1 RIVER-1	Reach-2	23.* 22	Max WS Max WS	1672.73	101.33 101.00	100.00		100.93	0.002423	2.79	1217.50	1112 03	0.37
KIVER-1	Reach-2	21.*	Max WS Max WS	1672.03	101.00	108.72		100.77	0.001003	2.79	1180 10	1112.03 1097.94	0.32
RIVER-1 RIVER-1 RIVER-1	Reach-2	20.*	Max WS Max WS	1672.32	101.54	108.39		108.01	0.001337	2.90 3.01	1142.70 1110.56 1089.54	1033.32	0.34
RIVER-1	Reach-2	19.*	Max WS	1672.23	101.82	108.19		108.77	0.002122	3.11	1110.56	954.99	0.35
RIVER-1	Poach-2	18	Max WS	1671 88	102.09	108.19 108.00		108.06	0.002307	3.11 3.14	1089.54	954.99 861.91	0.35
RIVER-1	Reach-2	17.*	Max WS	1671 37	101.97	107 81		107.86	0.002306	3.11	1243.62	1223.63	0.35
RIVER-1	Reach-2	16.*	Max WS	1670.95	101.97 101.85	107.67		107.70		3.11 2.55	1457.07	1230.95	0.28
RIVER-1	Reach-2 Reach-2	15.*	Max WS	1672.17 1671.88 1671.37 1670.95 1670.83 1670.50	101.73	107.67 107.58 107.53 107.50		107.70 107.60 107.54 107.51 107.48 107.45 107.44	0.000837 0.000494	1.96	1746.10 2077.66	1236.75 1245.03	0.21
RIVER-1	Reach-2	14	Max WS	1670.50	101.61	107.53		107.54	0.000494	1.44	2077.66	1245.03	0.16
RIVER-1	Reach-2	13.*	Max WS	1670.47	101.43	107.50		107.51	0 000404	1.23 1.19	2218.96	1251.33 1242.66	0.15
RIVER-1	Reach-2	12.*	Max WS	1670.28 1670.19 1670.25 1670.11	101.26	107.47		107.48	0.000323 0.000260 0.000214	1.19	2363.95	1242.66	0.13
RIVER-1	Reach-2 Reach-2	11.*	Max WS	1670.19	101.08	107.45		107.45	0.000260	1.14	2516.38 2661.58	1232.17	0.12
RIVER-1	Reach-2 Reach-2	10	Max WS	1670.25	100.90	107.43		107.44	0.000214	1.07	2661.58	1216.83	0.11
RIVER-1 RIVER-1	Reach-2	9.*	Max WS	1670.11	100.75	107.40		107.41	0.000364	1.40	2233.49 1858.09	1196.91 1258.56	0.14
RIVER-1	Reach-2	8.*	Max WS	1670.13	100.60	107.35		107.37	0.000555 0.000874	1.84	1858.09	1258.56	0.18
RIVER-1	Reach-2	7.*	Max WS	1670.00	100.45 100.30	107.27		107.31	0.000874	2.46	1578.72	1253.35	0.23
RIVER-1 RIVER-1	Reach-2 Reach-2	6	Max WS	1670.13 1670.00 1669.91	100.30	107.35 107.27 107.14 106.99		107.41 107.37 107.31 107.22 107.07 106.92 106.80	0.001643 0.001576 0.001435	3.51	1303.64	1341.11	0.32
RIVER-1	Reach-2	5.*	Max WS Max WS	1669.86 1669.74	100.15	106.99		107.07	0.001576	3.51	1343.83	1467.58	0.31
RIVER-1	Reach-2	4.*	Max WS	1669.74	100.00	106.85		106.92	0.001435	3.40	1421.15 1643.93	1583.13	0.30
RIVER-1	Reach-2	3.*	Max WS	1669.68	99.85	106.73		106.80	0.001366	3.36	1643.93	2166.69	0.30
RIVER-1	Reach-2	2	Max WS	1669.61	99.70	106.64		106.68	0.000801	2.61	2056.41	2284.81	0.23
RIVER-1	Reach-2	1.*	Max WS	1669.54	99.55	106.54		100.01	0.001275	3.36	1656.16	2242.65	0.27 0.27 0.30 0.46 0.47 0.46 0.40 0.35 0.35 0.32 0.33 0.35 0.28 0.28 0.21 0.16 0.15 0.15 0.11 0.14 0.15 0.12 0.11 0.14 0.23 0.33 0.32
RIVER-1	Reach-2	0	Max WS	1669.49	99.40	106.39	105.80	106.51	0.001667	3.88	1295.96	1961.75	0.33

Appendix P-16: HEC-RAS Results, Modified Hydromodification Basin – Alternative 'B' Model, 100-Year, 24-Hour Storm HEC-RAS Version 4.0.0 March 2008 U.S. Army Corps of Engineers Hydrologic Engineering Center 609 Second Street Davis, California

х	Х	XXXXXX	XX	ХХ		XX	xx	×	X	XXXX
X	X	X	Х	×		Х	Х	X	Х	X
Х	Х	X	Х			Х	Х	Х	Х	X
XXX	XXX	XXXX	Х		XXX	XX	XX	XXX	XXX	XXXX
Х	Х	X	Х			Х	X	Х	X	X
Х	Х	X	Х	X		Х	Х	X	X	X
X	X	XXXXXX	XX	XX		X	X	X	X	XXXXX

PROJECT DATA
Project Title: Kite Creek
Project File : KiteCreek.prj
Run Date and Time: 9/13/2010 3:54:35 PM

Project in English units

Project Description: SunCreek - Kite Creek and Laguna Creek tributary

Profile Output Table - Standard Table 1

R	iver	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
R R R R R R R R R R R R R R R R R R R	IVER-2 IVER-2	Reach-1 Reach-1	11900 11850.* 11800.* 11750.* 117700.* 11650.* 11600.* 11500.* 11450.* 11400.* 11250.* 11200.* 11200.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 11050.* 11000.* 1000.* 10	Max WS Max WS	(cfs) 601.67 600.16 598.66 598.66 598.65 597.21 595.78 594.39 595.76 595.75 594.38 595.68 595.68 595.68 595.69 595.68 595.69 595.79 595.79 595.79 595.79 595.79 595.79 595.79 595.79 596.37 594.37	(ft) 158.00 157.71 157.42 156.96 156.50 156.00 155.00 155.01 154.00 154.00 154.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00 152.00	(ft) 163.02 163.01 163.01 163.01 163.01 163.01 163.01 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00		(ft) 163.02 163.02 163.01 163.01 163.01 163.01 163.01 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	(ft/ft) 0.000053 0.000055 0.000024 0.000024 0.000025 0.000025 0.000024 0.000025 0.000025 0.000025 0.000020 0.000015 0.00001 0.00001 0.00001 0.00001 0.000001	(ft/s) 0.47 0.46 0.32 0.33 0.32 0.34 0.36 0.35 0.33 0.29 0.27 0.25 0.21 0.19 0.19 0.11 0.19 0.10 0.00 0.00 0.0	(sq ft) 1281.41 1316.06 1882.95 1837.49 1852.68 1748.14 1680.65 1698.91 1710.54 1827.48 1956.21 2034.90 2239.28 2422.30 2626.45 2857.07 3094.58 3310.40 3599.35 3990.10 4521.25 5140.64 5815.38 7093.18 7676.10 8235.14	(ft) 305.82 334.38 425.14 416.35 395.46 371.65 347.09 351.33 355.65 390.87 434.94 479.62 485.57 502.64 524.52 554.28 571.83 612.54 609.73 607.77 908.62 1006.05 1108.23	Froude # Ch1 0.04 0.03 0.03 0.03 0.03 0.03 0.03 0.0
R:	IVER-2 IVER-2	Reach-1 Reach-1	10250 10200.*	Max WS Max WS	594.08 594.05	150.00 150.00	163.00 163.00		163.00 163.00	$0.000001 \\ 0.000001$	0.07 0.07	8779.71 8156.17	1174.51 1042.81	0.00 0.00
R.	IVER-2 IVER-2	Reach-1 Reach-1	10150 10100.*	Max WS Max WS	594.01 594.88	150.00 150.00	163.00 163.00		163.00 163.00	0.000001 0.000001	0.08 0.08	7553.17 7228.41	876.21 882.04	0.00 0.01
R: R:	IVER-2 IVER-2	Reach-1 Reach-1	10050 10000.*	Max WS Max WS	593.98 593.97	150.00 150.00	163.00 163.00		163.00 163.00	0.000001 0.000001	0.09	6944.77 7215.44	803.18 820.24	0.01 0.00 0.00
R:	IVER-2	Reach-1	9950	Max WS	593.20	150.00	163.00		163.00	0.000001	0.08	7505.85	842.71	0.00

Page 1

						KiteC	reek.rep						
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	9900.* 9850 9800.*	Max WS Max WS Max WS	593.92 593.88 593.22 593.81 594.39 594.31 593.24 593.70 593.70 593.65 593.65 593.65 593.46 593.43 593.37 593.33	150.00 150.00 150.00	163.00 163.00 163.00 163.00 163.00	·	163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00 163.00	0.000001 0.000000 0.000001 0.000001	0.07 0.07 0.07	8338.41 9060.95 9017.36 9346.52	1101.11 1241.72 1485.00 1505.48 1538.83 1582.71 1718.54	0.00 0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	9750 9675.*	Max WS Max WS	593.84 593.81	150.00 149.36	163.00 163.00		163.00		$0.06 \\ 0.06$	10071.08	1505.48	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9600 9550.*	Max WS Max WS	594.39 594.31	148.73 148.36	163.00 163.00		163.00 163.00	0.000000	0.05 0.04	10884.88 13250.62	1582.71 1718 54	0.00 0.00
RIVER-2	Reach-1	9500	Max WS	593.24	14X (H)	163 00		163.00	0.000000	0.04	15722 80		0.00
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	9450.* 9400 9350.*	Max WS Max WS Max WS	593.70	146.00	163.00		163.00	0.000000	0.04 0.03 0.03	18084.60	1835.90 1807.33 1738.24	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9350.* 9300	Max WS Max WS	593.93 593.65	147.00 146.00 145.51 145.02	163.00 163.00 163.00 163.00		163.00 163.00	0.000000 0.000000 0.000000 0.000000 0.000000	0.03 0.04	16740.12 18084.60 17477.53 16729.20	1633 81	0.00 0.00 0.00 0.00
RIVER-2	Reach-1	9200.*	Max WS Max WS	593.26	144.51 144.00	163.00 163.00		163.00		0.04	15569.40	1455.78	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9100 9050.*	Max WS	593.46	144.00	163.00		163.00	0.000000 0.000000 0.000000 0.000000	0.04 0.04	15569.40 14359.69 13866.98 13450.48	1455.78 1279.93 1178.12	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	9000 8900.*	Max WS Max WS	593.43 593.37	144.00 143.08	163.00 163.00		163.00 163.00	0.000000	0.04 0.04	13450.48 13784.44	1058.23 1025.35	0.00 0.00
RTVFR-2	Reach-1	8800 8700.*	Max WS Max WS	593.33	142.16 143.70 145.24	163.00		163.00	0.000000	0.04 0.04	13966.46 13199.07	978.18 996.42	0.00
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	8600	Max WS	593.30	145.24	163.00 163.00	145.98	163.00	0.000000 0.000000	0.05	12677.05	998.84	0.00 0.00
RIVER-2 RIVER-2	Reach-1 Reach-1	8500 8450	Max WS	Inl Struct 593.29	140.56	154.39		154.57	0.003543	3.40	174.46	35.86	0.27
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	8350 8250 *	Max WS Max WS	595.93 508.50	140.56 140.09	153.98		154.18	0.004343	3.55 3.56		35.86 35.96 36.58	0.27 0.29 0.29 0.30 0.30
RTVFR-2	Reach-1	8150.*	Max WS	601.22	139.60 139.11 138.62	153.10		153.30	0.004519	3.58	168.17	37.30	0.30
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	8050.* 7950.*	Max WS Max WS Max WS	603.88 606.52	138.62	152.65 152.19		152.85 152.39	0.004626	3.59 3.60	168.27 168.47	38.04 38.51	0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	7850.* 7750.*	Max WS Max WS	609.18 611.83	138.13 137.64 137.15	151.72 151.25		151.93 151.45	0.004744	3.61 3.61	168.86 169.29	38.86 39.16	0.31 0.31
RIVER-2	Reach-1	7650.*	Max WS	614.51	136.66	154.39 153.98 153.55 153.10 152.65 152.19 151.72 151.25 150.78 150.30		150.98	0.004811	3.61 3.62	169.70	38.51 38.86 39.16 39.35 39.47	0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	7350.* 7450.*	Max WS Max WS	619.82	136.17 135.68	149.82		150.03	0.004804	3.62 3.62	171.05	39.53	0.31
RIVER-2 RIVER-2	Reach-1 Reach-1	7350.* 7250.*	Max WS Max WS	622.47 625.13	135.19 134.70	149.82 149.35 148.86		149.55 149.06	0.004785 0.004806	3.62 3.62	168.03 168.06 168.17 168.27 168.47 168.86 169.29 169.70 170.35 171.05 171.48	39.60 39.79	0.30 0.31 0.31 0.31 0.31 0.31 0.31
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	8350 8250.* 8150.* 8050.* 7950.* 7750.* 7650.* 7450.* 7350.* 7350.* 7350.* 6850.* 6850.* 6650.*	Max WS	627.79 630.29	135.68 135.19 134.70 134.21 133.72 133.23 132.74 132.25 131.76	148.34		148.54	0.003543 0.004343 0.004423 0.004429 0.004626 0.004699 0.004781 0.004811 0.004812 0.004806 0.004806 0.004957 0.005561 0.005926 0.005926 0.006501 0.008642 0.00113 0.004668 0.004964 0.004964 0.004964 0.004964 0.004964 0.003693 0.003956	3.66 3.72	171.48 169.33	39.79 39.82 42.53	0.31 0.33
RIVER-2	Reach-1	6950.*	Max WS Max WS	597.49	133.23	147.77 147.17 146.61 145.99 145.30 144.57 143.92 143.48 143.13 142.87 142.44 141.96 141.59		147.37	0.005593	3 60	169.33 166.14 164.97 161.80 155.07 146.71 167.35 185.33 175.26 154.57 126.53 152.09 177.09 199.67 218.10	44.63	0.33
RIVER-2 RIVER-2	Reach-1 Reach-1	6850.* 6750.*	Max WS Max WS	590.00 590.56	132.74 132.25	146.61 145.99		146.80 146.20	0.005926	3.58 3.65	164.97 161.80	47.28 48.37	0.33 0.34 0.35 0.40 0.43 0.40 0.33 0.31
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	6650.* 6550	Max WS	638.64 641.04	131.76 131.27	145.30 144.57		145.56 144.87	0.008642 0.010113	4.12 4.37	155.07 146.71	47.50	0.40 0.43
RIVER-2	Reach-1	6550 6466.66* 6383.33*	Max WS Max WS	643.12	131.27 132.84 134.40	143.92		144.15	0.007513	3.84 3.48	167.35	45.57 57.72 52.71	0.40
RIVER-2 RIVER-2	Reach-1 Reach-1	6300	Max WS Max WS	647.28	135 97	143.13		143.35	0.004362	3.69	175.26	39.14	0.31
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	6250 6200 6100.*	Max WS Max WS	648.51 649.78	136.00 135.00 134.75 134.50	142.87 142.44		143.15 142.85	0.004668 0.007156	4.20 5.14	154.57 126.53	36.19 28.34	0.36 0.43
RIVER-2 RIVER-2	Reach-1 Reach-1	6100.*	Max WS Max WS	652.31	134.75	141.96		142.25	0.004964	4.29 3.65	152.09 177.09	35.58 43.49 51.95 73.60	0.43 0.37 0.32 0.29 0.31 0.36 0.42 0.83
RIVER-2	Reach-1	6000.* 5900.* 5800.* 5700.*	Max WS	648.90	134.25	141.24		141.41	0.003095	3.25	199.67	51.95	0.29
RIVER-2 RIVER-2	Reach-1 Reach-1	5800.* 5700.*	Max WS Max WS	650.83 653.42	134.00 133.75 133.50	140.87 140.42		141.00 140.54	0.003596	2.98 2.79 2.75	218.10 234.23	124.53	0.31
RIVER-2 RIVER-2	Boach-1	5600.* 5500.*	Max WS	665.07 667.62	133 75	139.88		140.00 139.36	0.005893	2.75 2.94	234.23 242.79 228.88	144.98 161.27	0.36 0.42
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	5400	Max WS Max WS	670.13	133.00 132.73 132.45 132.18	136.80 135.66 135.04 134.56		137.80	0.027570	8.02	83 5G	28.59 60.47	0.83 0.50
RIVER-2 RIVER-2	Reach-1 Reach-1	5304.54* 5209.09*	Max WS Max WS	672.57	132.73	135.66		135.97	0.006349	4.45 3.30	204.57	93.59	0.39
RIVER-2 RIVER-2	Reach-1 Reach-1	5113 63*	Max WS Max WS	677.49 679.94	132.18 131.91	134.56 134.16		134.67 134.25	0.005020 0.004307	3.30 2.73 2.37	151.08 204.57 248.46 286.90 320.82	93.59 127.37 162.10 197.97	0.34 0.31
RIVER-2	Reach-1	5018.18* 4922.72* 4827.27* 4731.81*	Max WS	682.44	131 64	134.16 133.80 133.47		133.87	0.003896	2.13 1.95		197.97 237.07	0.29
RIVER-2 RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	4827.27* 4731.81*	Max WS Max WS	684.94 687.44	131.36 131.09	133.14		133.20	0.003700	1.82 1.71	378.47 402.82 418.36 421.29	280 85	0.28
RIVER-2 RIVER-2	Reach-1 Reach-1	4636.36* 4540.90* 4445.45*	Max WS Max WS	689.97 692.47	130.82 130.55	132.82 132.46		132.86 132.51	0.003702 0.004081	1.66	402.82 418.36	331.78 390.42 442.84	0.27
RIVER-2	Reacn-⊥	4445.45* 4350	Max WS Max WS	Inl Struct 593.29 598.593 6001.22 603.88 606.52 609.18 611.83 614.51 617.16 619.82 622.47 625.13 627.79 630.29 590.56 638.64 641.04 643.12 645.22 647.28 648.90 650.83 652.31 665.07 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 667.62 669.93 665.07 667.62 667.62 669.93	130.55 130.27 130.00	132.46 132.08 131.47		154.57 154.18 153.74 153.30 152.39 151.93 151.93 151.93 150.50 150.03 149.55 149.55 149.55 148.54 147.99 147.37 146.80 144.15 143.35 144.15 143.35 142.25 141.80 141.00 140.54 141.00 140.54 141.00 140.54 141.00 140.54 141.00 139.36 137.80 135.21 134.67 133.87 133.87 133.87 133.87 133.87 133.87 133.87 133.87 133.87 133.87 133.87 133.87	0.003596 0.005511 0.005893 0.008290 0.027570 0.009807 0.005020 0.004307 0.003896 0.003706 0.003706 0.003702 0.004081 0.004750	1.65	421.29 309.99	442.84 457.35	0.39 0.34 0.31 0.29 0.28 0.27 0.28 0.30
RIVER-2 RIVER-2	Reach-1 Reach-1	4260.*	Max WS	699.69	129.40	130.87		130.93	0.011246	2.25 2.11	333.20	467 92	0 44
RIVER-2 RIVER-2	Reach-1 Reach-1	4170.* 4080.*	Max WS Max WS	699.69 701.87 704.06	128.80 128.20	130.39 130.03		130.45 130.07	0.013879 0.011246 0.007654 0.004990	1.87 1.62	309.99 333.20 376.07 433.57	469.95 484.27	0.37 0.30 0.27
RIVER-2	Reach-1	3990.*	Max WS	706.24	127.60	129.74		129.77	0.003745	1.48	477.72	495.48	0.27

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RIVER-2 RIVER-2	Reach-1 Reach-1	3900 3800.*	Max WS Max WS	708.44 711.22 713.99	127.00 126.70	129.50	recktrep	129.53 129.28 129.28 129.03 128.79 128.55 128.30 127.81 127.81 127.55 127.27 126.96 126.68 126.40 126.15 125.36 125.62 125.36 124.79 124.52 124.28 124.28 124.28 123.45 123.66 123.45 123.66 123.45 123.20 122.58 122.58 123.20 122.58	0.003241	1.40 1.41	504.92 503.78	508.27 501.74	0.25 0.25 0.25 0.25
RIVER-2	Reach-1	3700.* 3600.*	Max WS	713.99 716.77	126.40 126.10	129.25 129.00 128.76 128.51 128.51 128.03 127.78 127.52 127.24 126.93 126.64 126.37 126.12		129.03	0.003235 0.003203 0.003143	1.42	504.01 505.82	495.69 490.30	0.25
RIVER-2 RIVER-2	Reach-1 Reach-1	3500.*	Max WS Max WS	719.51	125.80	128.51		128.55	0 003041	1.41	510.26	486.12 483.45	0.24
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1	3500.* 3400.* 3300.*	Max WS Max WS	719.51 722.26 725.02 727.77	125.80 125.50 125.20	128.27 128.03		128.30 128.06	0.002966 0.002920	$\frac{1.40}{1.40}$	514.17 517.21	483.45 482.16	0.24 0.24
RIVER-2 RIVER-2	Reach-I	3200.* 3100.*	Max WS	727.77 730.51	124.90 124.60	127.78 127.52		127.81 127.55	0.002898 0.002911	1.40 1.41	518.82 517.82	480.41 476.93	0.24 0.24
RIVER-2	Reach-1 Reach-1 Reach-1	3000.*	Max WS Max WS Max WS	733.26	124.30	127.24		127.27	0.003131	1.44	509.40	480.75	0.25
RIVER-2 RIVER-2	Reach-1	2900 2812.5*	Max WS	730.51 733.26 736.00 738.28 740.56	124.00 123.52	126.93 126.64		126.96	0.003480 0.003865 0.003920	1.46 1.49	505.35 495.75	507.36 520.81	0.26 0.27
RIVER-2 RIVER-2	Reach-1 Reach-1	2725.* 2637.5*	Max WS Max WS	740.56 742.84	123.03 122.55	126.37 126.12		126.40 126.15	O OOKhX/	1.50 1.47	493.95 503.95	519.11 518.81	0.27 0.26
RIVER-2 RIVER-2	Poach-1		Max WS Max WS Max WS Max WS	745.11	122.07 121.58	126.12 125.86 125.59 125.33 125.05 124.76 124.49 124.25 124.03 123.63 123.63		125.90	0.003503 0.003578 0.003468	1.45 1.47	512.40 509.15	518.02 515.51	0.26 0.26
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	2350.5* 2462.5* 2375 2279.16* 2183.33* 2087.5* 1991.66* 1895.83*	Max WS	749.63	121 10	125.33		125.36	0.003468	1.46	514.32 525.11	513.90	0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	22/9.16* 2183.33*	Max WS	752.10 754.56	121.07 121.03	125.05 124.76		125.08 124.79	0.003354 0.003471 0.003402 0.003070	1.43 1.44	524.83	525.48 535.91	0.25 0.26 0.25 0.24
RIVER-2 RIVER-2	Reach-1 Reach-1	2087.5* 1991.66*	Max WS Max WS	757.02 759.46	121.00 120.97	124.49 124.25		124.52 124.28	0.003402 0.003070	1.44 1.42 1.37	533.20 555.78	546.61 558.75	0.25 0.24
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1	1895.83*	Max WS Max WS	761.90	120.93 120.90	124.03		124.06	0 002646	1.30	587.53 630.08	571.56	0.23
RIVER-2 RIVER-2	Reacn-⊥	1705.*	Max WS	766.72	120.43	123.63		123.66	0.002156 0.002357 0.002657	1.21 1.28	601.25	580.89 549.77	0.21
RIVER-2 RIVER-2	Reach-1 Reach-1	1800 1705.* 1610.* 1515.*	Max WS Max WS	769.13 771.53	119.95 119.47	123.42 123.17		123.45 123.20	0.002995	1.35 1.45	569.47 534.76	522.68 502.74	0.21 0.21 0.23 0.24
RIVER-2 RIVER-2	Reach-1	1420 1324 61*	Max WS Max WS	773.91 773.87	119.00 118.62	122.87 122.54		122.90 122.58	0.003632 0.003641	$\frac{1.60}{1.60}$	494.42 501.72	478.63 574.35	0.27 0.27
RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1420 1324.61* 1229.23* 1133.84*	Max WS	773.83	118.23 117.85	122.22		122.26	0.003512 0.003478	1.57	517.97 527.74	580 51	0.26 0.26
RIVER-2 RIVER-2	Reach-1	1038.46*	Max WS Max WS	773.73	117.46	121.62		121.65	0.003456	1.55 1.52	535.21 542.91	579.22 575.94 572.15	0.26 0.26
RIVER-2 RIVER-2	Reach-1 Reach-1	943.076* 847.692*	Max WS Max WS	773.60 773.47	117.08 116.69	123.17 122.87 122.54 122.22 121.91 121.62 121.34 121.07		121.37 121.10	0.003394 0.003406	1.49 1.47	544.43	563.99	0.26
RIVER-2 RIVER-2	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	1133.84* 1038.46* 943.076* 847.692* 752.307* 656.923* 561.538* 466.153* 370.769*	Max WS Max WS Max WS	742.84 745.11 747.37 749.63 752.10 754.56 757.02 759.46 761.90 764.32 766.72 769.13 771.53 773.87 773.87 773.83 773.80 773.73 773.60 773.47 773.38 773.25 773.25 773.24 766.99 150.61 149.94 166.61 170.89 170.89 170.89 170.89 170.39 171.11 168.51 197.23 197.46	116.31 115.92	120.78 120.48 120.19 119.92 119.65 119.34 118.73 170.61 170.38 170.10 169.79 169.56 169.20 168.13 167.56 167.36 167.36		120.81 120.51 120.23 119.96 119.70 119.42 118.92 170.71 170.46 170.19 169.62 169.33 168.58 167.62 167.40 167.22 167.00 166.53 165.89	0.003371 0.003426	1.51 1.58	528.07 504.26	516.87 465.82	0.26 0.26
RIVER-2 RIVER-2	Reach-1	561.538* 466.153*	Max WS Max WS	773.27	115.92 115.54 115.15	120.19		120.23	0.003518 0.003540 0.003855 0.005510 0.007383 0.005302	1.65 1.69	482.83 462.77	425.94 382.42	0.27 0.27
RIVER-2	ĸeacn~⊥	370.769*	Max WS	773.24	114.//	119.65		119.70	0.003855	1.79	422.49 346.32	324.41 258.50	0.28 0.34
RIVER-2 RIVER-2	Reach-1 Reach-1	100	Max WS Max WS	7/3.14 766.99	114.38 114.00	119.34 118.73		118.92	0.003310	2.16 3.49	219.46	101.36	0.42
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	326 325.5* 325.* 324.5* 324 323.*	Max WS Max WS Max WS	150.61 149.94	169.00 168.75	170.61 170.38		170.71 170.46	0.005302 0.004623 0.005795	2.90 2.71	80.29 87.88	142.45 152.20	0.48 0.45
RIVER-1 RIVER-1	Reach-1	325.* 324.5*	Max WS Max WS	166.61 170.89	168.50 168.25	170.10 169 79		170.19 169 90	0.005795	3.01 3.16	89.79 92.26	160.98 183.87	0.50 0.53
RIVER-1	Reach-1	324	Max WS	170.39	168.00	169.56		169.62	0.006539 0.004309 0.004098 0.015327	2.62 3.22	116.62	201.31 197.90	0.44 0.45
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1	322	Max WS Max WS	168.51	167.02 166.04	168.13	168.00	168.58	0.015327	5.43	92.52 33.25	48.30	0.84
RIVER-1 RIVER-1	Reach-1 Reach-1	320 319.*	Max WS Max WS	197.23 197.46	166.00 166.00	167.56 167.36		167.62 167.40	0.006598 0.002635	3.31 1.78	132.00 166.84	254.63 371.56	0.54 0.33
RIVER-1 RIVER-1	Reach-1	318 317.*	Max WS Max WS	100 12	166.00 165.50	167.19 166.97		167.22 167.00	0.002601 0.002422	1.50 1.40	167.15 150.80	506.68 394.00	0.31 0.30
RIVER-1	Reach-1 Reach-1 Reach-1	316 315.*	Max WS	199.09 202.02 205.11 206.94 208.86 211.07	165.00 164.50	166.46 165.82		166.53	0.006598 0.002635 0.002601 0.002422 0.007443 0.005609	1.40 2.10 2.05	94.86 98.61	371.56 506.68 394.00 178.93 156.02	0.51 0.45 0.34 0.46
RIVER-1 RIVER-1	Reach-1	314	Max WS Max WS Max WS	202.02	164.00	165.38		165.43	0.002000	2.02	135.94	240.12 276.84	0.34
RIVER-1 RIVER-1		313.* 312	Max WS Max WS	206.94 208.86	163.50 163.00	165.38 165.00 164.68 164.18 163.79		165.09 164.71	0.004898 0.003233	2.72 2.14 3.14	117.10 184.65	355 70	0.37
RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	311.* 310	May WS	211.07 213.47	162.50 162.00	164.18 163.79		164.27 163.83	0.003233 0.007033 0.002183	3.14 2.05	115.77 177.16	232.36 233.25 261.35	0.55 0.32
RIVER-1	Reach-1	309.*	Max WS Max WS Max WS	215.47	161 26	163.22		163.41 162.88	0.009181 0.001698	3.65 1.84	177.16 85.57 161.00	261.35 166.29	0.63 0.28
RIVER-1 RIVER-1	keacn−1	308 307.*	Max WS	218.48	160.51 159.76 159.00	162.57		162.69	0.004614	2.91	98.09 107.53	311.16 592.37	0.46 0.58
RIVER-1 RIVER-1	Reach-1 Reach-1	306 305.*	Max WS Max WS	211.07 213.47 215.47 217.58 218.48 219.63 220.77 218.33	159.00	163.79 163.22 162.84 162.57 162.19 161.66 161.41 161.30		165. 43 165. 09 164. 71 164. 27 163. 83 163. 41 162. 88 162. 69 162. 36 161. 81 161. 43 161. 24 161. 06 160. 89	0.007584 0.006733	3.56 3.20	103.08	518.18	0.54
RIVER-1 RIVER-1	Reach-1	304 303.*	Max WS Max WS	218.33 218.12	159.00 158.75	161.41 161.30		161.43 161.34	0.001352 0.001298 0.002064	$\substack{1.56\\1.88}$	281.68 258.11	693.22 666.23	0.25 0.26
RIVER-1	Reach-1 Reach-1	302 301.*	Max WS Max WS	219.30	158.50	161.17		161.24 161.06	0.002064 0.002170	2.78	219.27	684.10 373.20	0.33 0.34
RIVER-1 RIVER-1	Reach-1 Reach-1	300	Max WS	218.12 219.30 217.19 203.79 196.00	158.25 158.00 158.31	160.99 160.85 160.74		160.89 160.78	0.001447 0.001550	2.17 2.29	181.38 194.80 186.67	268.78 246.51	0.27 0.29
RIVER-1	Reach-1	299.*	Max WS	196.00	128.31	160.74		100.78	0.001330	2.29	100.07	240.31	0.29

RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	298 297.* 296 295.* 294 293.* 292	Max WS Max WS Max WS Max WS Max WS Max WS	191.96 181.45 181.32 180.66 213.57 213.42 213.41	158.62 158.31 158.00 158.01 158.01 157.51	160.65 160.60 160.59 160.58 160.56 160.55	reek.rep	160.67 160.61 160.59 160.58 160.57 160.55 160.53	0.001056 0.000303 0.000074 0.000108 0.000146 0.000157 0.000200 0.000947	1.89 1.03 0.53 0.64 0.74 0.84 1.05	219.11 379.65 632.20 501.88 454.93 394.86 329.06	229.53 415.39 482.31 400.35 332.58 243.82 181.78	0.24 0.13 0.06 0.08 0.09 0.11
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	291.5 290.62 290.61 289.32 288.66* 288 287.*	Max WS Max WS Max WS Max WS Max WS Max WS	213.39 Culvert 213.38 213.19 212.88 212.86 212.86	157.00 157.00 157.00 156.50 156.00 156.00 156.00	160.47 159.97 158.77 158.46 158.28 158.24 158.18	158.93	159.92 158.75	0.004449	2.25 5.12 8.61 4.30 1.05 1.30 1.41	143.82 41.64 24.77 49.60 396.11 332.82 304.24	102.07 37.85 30.62 38.22 427.03 386.32 331.05	0.24 0.52 1.14 0.66 0.14 0.17 0.18
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	288 287.* 286 285.* 284 283.* 282 281.* 280 279.* 278 277.*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	213.39 Culvert 213.38 213.19 212.86 212.86 212.89 213.16 213.40 213.53 211.77 205.79 198.34 190.90 234.37 233.63	155.50 155.00 154.75 154.50 154.25 154.25 153.25 152.50 152.45	158.77 158.46 158.28 158.28 158.24 158.02 157.72 157.36 157.09 156.77 156.46 156.03 156.02 156.01 156.00 156.00 156.00 156.00		158.29 158.25 158.25 158.15 157.85 157.25 156.62 156.62 156.09 156.00 156.00 156.00 156.00 156.00 156.00	0.025124 0.009559 0.000367 0.000553 0.000639 0.003295 0.003306 0.003480 0.003480 0.003293 0.003022 0.001321 0.000813 0.0000254 0.000027	3.03 2.92 3.36 3.65 3.50 2.70 2.25 2.05 1.27	94.61 72.94 74.59 104.39 92.51 83.66 87.26 100.43	151.81 45.08 88.07 136.43 110.73 107.46 85.98 113.68 195.12 276.14 371.17	0.41 0.40 0.44 0.43 0.42 0.32 0.22 0.13 0.06 0.03
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	276 275.* 274 273.* 272 271.* 270 269.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS Max WS	233.63 233.68 233.68 233.82 233.96 234.22 234.14 234.34 147.67	152.40 151.90 151.30 151.20 150.85 150.50 150.12 149.75	156.02 156.01 156.00 156.00 156.00 156.00 156.00 156.00 155.48		156.03 156.01 156.00 156.00 156.00 156.00 156.00 156.99	0.000254 0.000067 0.000028 0.000021 0.000012 0.000013 0.000015 0.000010 0.003617	1.27 0.57 0.33 0.30 0.25 0.25 0.25 0.25	368.85 617.30 924.04 990.54 1145.02 1163.00 1144.18 1263.97 25.80	276.14 371.17 498.01 480.28 442.60 484.22 523.80 516.39 447.65	0.13 0.06 0.03 0.02 0.02 0.02 0.02
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	267.68 267.265* 266.53	Max WS Max WS	Culvert 234.34 234.33	149.43 149.10	152.11 152.26	153.50	156.86 152.70	0.075344 0.004365	17.49 5.29	13.40 44.30	36.34 51.59	1.88 0.52
RIVER-1 RIVER-1	Reach-1 Reach-1	266.52 265.05 264.033* 263.016* 261.* 260 259.* 258.* 257.* 254. 253.* 251.* 250. 249.* 248. 247.* 248. 247.* 248. 247.* 248. 241.* 242. 241.* 242. 241.* 240. 239.* 236.5 235.85 235.85	MAX WS MAX WS	Culvert 234.34 234.33 Culvert 234.31 234.25 234.21 234.46 234.76 234.76 234.87 234.81 260.29 260.41 260.52 260.37 202.43 194.71 193.75 193.32 192.99 193.07 192.81 192.96 193.01 192.96 193.01 Culvert	148.65 148.24 147.84 147.43 146.00 146.00 145.50 145.50 145.00 144.50 144.00 141.75 141.25 141.00 140.75 141.25 141.00 139.75 139.75 139.50 139.50 139.50 138.50	150.84 150.59 150.21 150.00 149.23 148.59 148.03 147.72 147.45 147.45 147.45 144.46 144.59 144.30 144.28 144.28 144.27 144.27 144.26 144.26 144.26 144.26 144.26 144.26 144.26 144.04	140.73	151.75 150.80 150.35 150.03 149.42 148.66 148.21 147.77 147.50 147.15 146.68 146.08 145.33 144.73 144.20 144.29 144.26 144.26 144.26 144.26 144.26 144.26 144.26 144.26	0.014968 0.006602 0.006367 0.001386 0.010695 0.003573 0.009399 0.003302 0.005974 0.008182 0.008312 0.0012348 0.001336 0.000219 0.000143 0.000024 0.000047 0.000024 0.000025 0.000011 0.000010 0.000010 0.000010 0.000005 0.000005	7.66 3.65 3.12 1.54 3.51 2.27 3.06 2.28 3.77 3.62 4.31 2.64 1.59 0.58 0.58 0.59 0.31 0.41 0.35 0.24 0.25 0.26 0.25	30.61 64.19 88.32 198.83 68.57 134.79 74.14 146.04 149.58 135.36 109.27 93.22 83.41 150.07 207.37 435.19 484.64 565.44 644.42 751.99 559.65 680.09 832.80 1130.58 1134.86 1164.21 1453.05 32.88	33.12 42.83 120.32 206.06 61.22 171.03 84.00 182.30 197.40 277.15 172.52 101.14 113.03 185.17 328.89 500.60 471.21 539.32 404.33 345.39 318.54 309.58 411.93 507.06 499.29 495.21 551.96 603.16	0.91 0.53 0.47 0.21 0.56 0.33 0.32 0.32 0.34 0.51 0.62 0.34 0.21 0.62 0.34 0.21 0.62 0.34 0.21
RIVER-1 RIVER-1 RIVER-1	Reach-1 Reach-1 Reach-1	236.5 235.85 235.84	Max WS Max WS	Culvert 193.01 193.01 Culvert	137.25 136.60	139.80 139.38	140./3	143.04 139.76	0.075642	14.46 4.96	13.34 38.92	36.68	1.64 0.52

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RIVER-1	Reach-1 Reach-1 Reach-1	235.23 234.153* 233.076*	Max WS	193.00 193.00	136.10 135.73	138.71		139	0.005642 0.002439 0.003979	5.29 2.85 3.42	36.51 67.75 71.77	35.65 30.28 217.86	0.58 0.34 0.39
RIVER-1 RIVER-1	Reach-1	234.133*	Max WS Max WS	192.98	135.37	138.70 138.55 138.55 138.14 137.82 137.72 137.65 137.53 137.41 137.41 136.76 136.43 136.07 135.82 135.63 135.09 135.00 134.89 134.65 134.89 134.65 134.39 133.75 132.36		138.72	0.002439	3.42	71.77	217.86	0.34
RIVER-1	Reach-1	232	Max WS	193.00	135.00	138.14	137.52	138.53	0.017157	5.20	60.25	370.61	0.61
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	231. * 230 229. * 227. * 226 225. *	Max WS Max WS	193.06	135.00 135.00 134.50	137.82		137.91	0.004218 0.000479 0.000798	2.97 1.03	137.95	427.92 494.86	0.37
RIVER-1	Reach-1	230	Max WS	193.11	135.00	137.72		137.73	0.000479	1.03 1.44	344.62	494.86	0.13 0.17
RIVER-1	Reach-1	229."	Max WS Max WS	205.05	134.00	137.63		137.00	0.000798	1.44	203.39	444.34	0.17
RIVER-1	Reach-1	227.*	Max WS	206.04	133.85	137.41		137.44	0.001517	1.89	202.72	355.52	0.22
RIVER-1	Reach-1	226	Max WS Max WS Max WS Max WS	206.14	133.70	137.10		137.18	0.005577	2.78	123.00	302.56	0.40
RIVER-1 RIVER-1	Reach-1	225.* 224	Max WS	206.19	133.48 133.25	136./6		136.86 136.55	0.005397	1.97 1.89 2.78 3.07 3.50	117.97	281.35 268 96	0.41 0.43
	Reach-1	223.*	Max WS	206.31	133.12	136.07		136.17	0.005682	3.44	119.64	265.82	0.43
RIVER-1 RIVER-1	Reach-1	224 223.* 222 221.*	Max WS Max WS Max WS Max WS	206.38	133.00	135.82		135.87	0.003060	2.60	155.47	267.78	0.31
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	221.*	Max WS	206.44	134.50 134.00 133.85 133.70 133.48 133.25 133.12 133.00 132.70 132.40	135.63		135.69	0.001330 0.001517 0.005517 0.005597 0.005397 0.005835 0.005682 0.003061 0.005717	3.44 2.60 2.69 3.70	60.25 137.95 344.62 283.59 223.83 202.72 123.00 117.97 113.86 119.64 155.47 156.09 119.78 202.78 204.08 119.29 129.73 137.38 150.35 49.39 65.43	444.34 423.10 355.52 302.56 281.35 268.96 265.82 267.78 282.35 306.30 243.67 342.21 322.43	0.21 0.22 0.40 0.41 0.43 0.31 0.31 0.43
RIVER-1	Reach-1	220 219.*	Max WS	206.51	132.40	135.31		135.44	0.005/1/	3.70	119.78	306.30 243.67	0.43
RIVER-1 RIVER-1	Reach-1	218	Max WS Max WS	206.55	131.20	135.06		135.08	0.000832	1.71	231.52	342.21	0.17
RTVFR-1	Reach-1	218 217.*	May Mc	206.15	131.20 131.98	134.98		135.00	0.004618 0.000832 0.000990	3.60 1.71 1.63	222.78	322.43	0.17 0.18
RIVER-1 RIVER-1 RIVER-1	Reach-1	216 215.*	Max WS	204.36	132.75	134.89		134.91	0.001367	1.54 2.76 2.42 2.82	204.08	304.14 227.46 280.03 204.90 165.75	0.21
RIVER-I	Reach-1	215.*	Wax WS	227.38 227.45	132.62	134.65		134.74	0.004756	2.76	129.29	280.03	0.39 0.37
RIVER-1	Reach-1	212 *	Max WS	246.08	131.88	133.99		134.08	0.003767	2.82	137.38	204.90	0.37 0.39 0.41
RIVER-1	Reach-1	212	Max WS	246.05	131.25	133.75		133.84	0.003122	3.34	150.35	165.75	0.41
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	211.065*	MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS MAX WS	246.05	131.96 132.75 132.62 132.50 131.88 131.25 130.32 129.39	132.84		133.22	0.001367 0.004756 0.004468 0.003767 0.003122 0.012839 0.000936	4.98 3.76	49.39	26.57 36.49	0.64 0.38
RIVER-1 RIVER-1	Reach-1	210.13	Max WS	Culvert		132.30		132.36	0.000930	3.70		30.43	0.30
RIVER-1	Reach-1 Reach-1	213. " 212 211.065* 210.13 209.23 208.43 205.91 205.49 204.965*	Max WS	193.06 193.11 205.83 205.95 206.04 206.14 206.12 206.31 206.38 206.55 206.55 206.15 204.36 227.45 246.08 246.05 246.04 Culvert 246.04 246.04 246.04 246.04 246.03 246.03	128.67 129.85 129.75 129.62 129.49 129.29 129.08 128.88	132.27		132.39	0.000372 0.002563 0.002582 0.002577 0.002577 0.002569 0.002577 0.002500 0.002452 0.002472 0.002440 0.001585	2.69	91.34 57.90 57.87 58.03 58.22 58.30 59.07 59.63 59.26 59.47 60.18 64.60 70.11 76.48 83.68 91.54 99.59 108.58 117.98	61.94	0.25 0.57
RIVER-1 RIVER-1	Reach-1	205.91	Max WS	246.04	129.85	132.00		132.28	0.002563	4.25	57.90	33.86	0.57
RIVER-1 RIVER-1	Reach-1	205.49	Max WS Max WS	246.04	129.75	131.89		132.17	0.002582	4.25	57.87 58.03	34.00 34.21	0.57
RIVER-1	Reach-1	204.303	Max WS	246.03	129.49	131.63		131.91	0.002569	4.23	58.22	34.42	0.57 0.57 0.57 0.57 0.57
RIVER-1 RIVER-1	Reach-1	204.44 203.626* 202.813*	Max WS Max WS	246.03	129.29	131.42		131.70	0.002577	4.22	58.30	34.64	0.57
RIVER-1	Reach-1	202.813*	Max WS	246.03	129.08	132 . 27 132 . 00 131 . 89 131 . 76 131 . 63 131 . 42 131 . 23 131 . 04 130 . 64 130 . 64 130 . 22 130 . 23 130 . 17 130 . 12 130 . 08 130 . 03 130 . 03 130 . 00 129 . 99 129 . 98 129 . 67 129 . 73 129 . 73 129 . 73 129 . 73 129 . 74 129 . 57		132.39 132.28 132.27 132.04 131.91 131.70 131.50 131.30 131.14 130.91 130.47 130.36 130.27 130.16 130.12 130.08 130.04 130.02 130.04 130.02 130.04 130.02 130.04 130.91	0.002500	2.69 4.25 4.25 4.24 4.23 4.22 4.16 4.13 4.15	59.07	61.94 33.86 34.00 34.21 34.64 35.00 35.33 34.99 34.95 35.79 36.74 37.80 38.98 40.20 41.42 42.73 44.04 45.37 46.67 48.01 49.31 46.29 52.34 62.86 62.08	0.56
RIVER-1	Reach-1	202 201.36 200.405* 199.451* 198.497* 197.542* 196.588* 195.634* 194.68* 193.725* 192.771* 191.817* 190.862* 189.908* 188.954* 188.7 187.65 187.15	Max WS	246.02 246.02	128.72	131.04		131.30	0.002432	4.15	59.05 59.26	33.33 34.99	0.56 0.56
RIVER-1	Reach-1	200.405*	Max WS	246.02	128.48	130.64		130.91	0.002440	4.14	59.47	34.95	0.56
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	199.451*	Max WS Max WS Max WS Max WS Max WS	201.92	128.24	130.43		130.60	0.001585	3.36	60.18	35.02	0.45
RIVER-1	Reach-1	198.49/*	Max WS	201./3	128.00	130.32 130.23		130.47	0.001287	3.12 2.87	70 11	35.79 36.74	0.41 0.37
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	196.588*	Max WS Max WS	201.40	128.48 128.24 128.00 127.76 127.52 127.28 127.04 126.81 126.57 126.33 125.85 125.61 125.37 125.29 125.27	130.23		130.27	0.001585 0.001287 0.001013 0.000788 0.000607 0.000469 0.000367 0.000227 0.00027 0.000179 0.000144 0.000117 0.0001996	3.36 3.12 2.87 2.63 2.20 2.01 1.70 1.56 1.44 1.34 1.25 3.30 2.92 2.24	76.48	37.80	0.33 0.29 0.26
RIVER-1	Reach-1	195.634*	Max WS Max WS Max WS Max WS	201.04	127.28	130.12		130.21	0.000607	2.40	83.68	38.98	0.29
RIVER-1	Reach-1	194.68*	Max WS	201.01	127.04	130.08		130.16	0.000469	2.20	91.54	40.20	0.26
RIVER-1	Reach-1	193.725* 192 771*	CW XSM	200.44	126.01	130.03		130.12	0.000387	1.85	108.58	42.73	0.23
RIVER-1 RIVER-1 RIVER-1	Reach-1	191.817*	Max WS Max WS Max WS	200.36	126.33	130.01		130.06	0.000227	1.70	117.98	44.04	0.18
RIVER-1	Reach-1	190.862*	Max WS	199.46	126.09	130.00		130.04	0.000179	1.56	127.84	45.37	0.16
RIVER-1	Reach-1	189.908*	Max WS	199.38	125.85	129.99		130.02	0.000144	1.44	138.04 148.68 159.59 161.08	46.67 48.01	0.23 0.20 0.18 0.16 0.15 0.13 0.12 0.31 0.27 0.20
RIVER-1 RIVER-1	Reach-1	188.934° 188	Max WS Max WS	199.32	125.37	129.98		130.01	0.000096	1.25	159.59	49.31	0.12
DTV/CD_1	Reach-1	187.7	May WS	531.10	125.29	129.67		129.84	0.000620	3.30	161.08	46.29	0.31
RIVER-1	Reach-1	187.65	Max WS	531.10	125.27	129.71		129.84	0.000452 0.000240	2.92	184.33	52.34	0.27
RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	187.2	Max WS Max WS Max WS Max WS	531.03	125.15	129.73		129.81	0 000252	2.24	184.33 239.54 235.80	62.08	0.20
RTVER-1	Reach-1	187.13	Max WS	531.02	125.13 125.09 123.29	129.74		129.81	0.000292 0.000202 0.000405	2.03 4.07	261.83 130.45	68.66 72.11	0.18 0.29
RIVER-1	Reach-1	187 186.81 186.80 185.39	Max WS	530.38	123.29	129.57		129.82	0.000405	4.07	130.45		0.29
RIVER-1	Reach-1	186.80	Mars 1:10	Culvert	122 70	120 42		120 62	0.000205	3.61	146 28	48 70	0.25
	Reach-1	185.39 184.5	Max WS Max WS	528.45 529.50	126.70	129.43		129.03	0.000293	2.00	146.28 535.34	398.35	0.21
RIVER-1 RIVER-1 RIVER-1 RIVER-1	Reach-1	184 183.*	Max WS	529.34	122.78 126.00 126.00 126.00 126.00	129.47		129.50	0.000758	2.08	523.44	390.30	0.25 0.21 0.21 0.36
RIVER-1	Reach-1	183.*	Max WS	538.49	126.00	129.32		129.42	0.002768	3.55	273.10	218.87	0.36
RIVER-1	Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1 Reach-1	182 181.*	Max WS Max WS	246.02 246.02 201.92 201.73 201.46 201.04 201.01 200.44 200.38 200.36 199.46 199.32 199.29 531.10 531.03 531.03 531.02 531.01 538.49 538.49 538.49 538.49 538.43 541.67	126.00 126.00	129.43 129.52 129.47 129.32 129.22 128.99 128.73 128.47		129.27	0.001636	2.03	279.44	217.30	0.27 0.32 0.33
RIVER-1 RIVER-1	Reach-1	180. ^	Max WS Max WS	541.67	126.00 126.00	128.73		128.80	0.002963	2.83	302.41	302.16	0.33
RIVER-1	Reach-1	179 *	Max WS	582.89	125.00	128.47		128.53	0.002625	2.87	353.62	375.02	0.31
RIVER-1	Reach-1	178 177.*	Max WS	584.30	124.00	128.33		128.36	0.000939	1.82 2.36	532.82 457.86	441.88 452 87	0.19 0.24
RIVER-1 RIVER-1	Reach-1 Reach-1	1//.™ 176	Max WS Max WS	587.23 590.38	124.00 124.00	128.33 128.14 127.77		127.85	0.000295 0.000798 0.000758 0.002768 0.001856 0.002963 0.002963 0.002965 0.000939 0.001532 0.00338	2.08 3.55 2.65 2.93 2.83 2.87 1.82 2.36 3.32	533.34 523.44 273.10 309.16 279.44 302.41 353.62 532.82 457.86 351.48	448.51	0.31 0.19 0.24 0.35 0.39
RIVER-1	Reach-1	176 175.*	Max WS	597.70	123.50	127.50		129.63 129.54 129.50 129.42 129.27 129.06 128.80 128.53 128.36 128.18 127.85	0.004159	3.69	326.11	48.79 398.35 390.30 218.87 205.41 217.30 302.16 375.02 441.88 452.87 448.51 461.26	0.39

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RIVER-1	Reach-1	174 173.* 172	Max WS	596.35 593.97 593.67 593.67 593.28 594.28 594.28 594.28 472.45 472.45 473.02 473.87 473.87 474.20 Culvert 474.11 474.99 475.91 476.56 477.20 477.20 477.21 535.15 536.98 564.87 577.96 600.33 603.30 603.30 603.82 603.82 613.83 617.87	123.00 123.50 124.00 124.00 123.50 123.50 122.00 121.00 120.00	KiteCreek.rep 127.26 127.15 127.11 127.02 126.89 126.68 126.59 126.55 126.46 126.41 126.39	127.35 127.19 127.12 127.04 126.91 126.83 126.71 126.61 126.56 126.47 126.41 126.40 126.43	0.003331 0.001826 0.000569	3.33 2.37 1.28 1.55 1.85 2.54 2.38 1.91 1.50 0.88	375.24 505.23 790.99 705.98 588.75 516.75 484.47 565.52 725.25 835.25 1076.58	568.34 646.13 748.60	0.34 0.25 0.14 0.17 0.21 0.28 0.25 0.19 0.14 0.13 0.08 0.07
RIVER-I	Reach-1	1/3.° 172	Max WS Max WS	593.97 593.67	123.30	127.13 127 11	127.19	0.001828	1 28	790 99	748 60	0.25
RIVER-1	Reach-1	171.*	Max WS	593.74	124.00	127.02	127.04	() ()()()XAU	1.55	705.98		0.17
RIVER-1	Reach-1	170	Max WS	594.28	124.00	126.89	126.91	0.001334	1.85	588.75	690.04	0.21
RIVER-1	Reach-1	169.* 168	Max WS Max WS Max WS	593.35	123.50	126.79	126.83	0.001334 0.002220 0.001808 0.000984	2.54	516.75	786.45 690.04 796.37 608.08 714.43 869.75 1092.28 1126.09 1102.95 1028.42	0.28
RIVER-1	Reach-1	167.*	Max WS Max WS	570.90 405.56	123.00	126.68 126.50	126.71	0.001808	2.38 1 Q1	484.47 565 52	608.08 714.43	0.25 0.10
RIVER-1	Reach-1	166	Max WS Max WS	483.54	122.00	126.55	126.56	0.000539	1.50	725.25	869.75	0.13
RIVER-1	Reach-1	166 165.*	Max WS	472.48	121.00	126.46	126.47	0.000539 0.000439 0.000196	1.37	835.25	1092.28	0.13
RIVER-1	Reach-1	164	Max WS	472.65	120.00	126.41	126.41	0.000196	0.88	1076.58	1126.09	0.08
RIVER-1	Reach-1	163.*	Max WS Max WS	4/3.02	120.00 120.12	126.39 126.29	126.40	0.000157 0.000873	0.88 2.95	1154.60 160.44	1102.95	0.07
RIVER-1	Reach-1	162 161.37	Max W3	Culvert		120.25		0.000073	2.93	100.44	1020.42	
RIVER-1	Reach-1	161.*	Max WS	473.35	120.12 120.38 120.50	125.74 125.77 125.66	125.90 125.78 125.88	0.001190	3.24 0.80	146.11 1126.32	884.94 893.78	0.24 0.07
RIVER-1	Reach-1	160.5	Max WS	473.87	120.38	125.77	125.78	0.000126	0.80	1126.32	893.78	0.07
RIVER-1	Reach-1	160.1 160.09 160 159.*	Max WS	4/4.20	120.50	125.66	125.88	0.001867	3.83	123.74	883.20	0.30
RIVER-1	Reach-1	160.09	Max WS	474.11	120.50	124.90	125.41	0.007304	5.75	82.50	703.84	0.55
RIVER-1	Reach-1	159.*	Max WS Max WS Max WS Max WS	474.99	120.25	124.72	124.75	0.007304 0.000920 0.000798	1.74	506.96	702.14	0.19
RIVER-1	Reach-1	158 157.*	Max WS	475.91	120.00	124.64	124.66	0.000798	1.57	536.02	744.58	0.17
RIVER-1	Reach-1	15/.*	Max WS Max WS	4/6.56	119.50	124.56	124.60	0.001198	2.10	455.49 284 43	/30.4/ 721 88	0.21
RIVER-1	Reach-1	156 155.*	Max WS Max WS	477.81	119.00	124.37	124.17	0.003730	3.06	378.00	690.53	0.29
RIVER-1	Reach-1	154 153.*	Max WS Max WS Max WS	512.40	120.50 120.25 120.00 119.50 119.00 119.00 119.00 119.00 119.00 119.00 119.00 118.50 118.00 117.92 117.83 117.92 118.00 117.50 117.00 117.00 117.50 118.00 117.50 118.00 117.50 118.00 117.50 117.00 117.00 117.00 117.00 117.00 117.00 117.00	123.93	123.95	0.001198 0.003790 0.002348 0.001040 0.001140 0.000994 0.001365 0.003259	2.01	567.12	716.83	0.55 0.19 0.17 0.21 0.37 0.29 0.19 0.22 0.32 0.27 0.33 0.26 0.19 0.19 0.24 0.27 0.29 0.21 0.20 0.19
RIVER-1	Reach-1	153.*	Max WS	535.15	119.00	123.84	123.87	0.001140	2.14	590.52	863.23	0.21
RIVER-1	Reach-1	152 151.*	Max WS Max WS	535.95	119.00	123./6	123.78	0.000994	1.93	627.73 570.37	907.92	0.19
RIVER-1	Reach-1	150	Max WS Max WS	550.67	119.00	123.36	123.41	0.003259	2.59	429.09	844.51	0.32
RIVER-1	Reach-1	150 149.*	Max WS	555.85	118.50	123.08	123.14	0.002469	2.71	441.27	786.05	0.29
RIVER-1	Reach-1	148 147.*	Max WS	560.98	118.00	122.89	122.93	0.001607	2.45	505.74	748.83	0.24
RIVER-1	Reach-1	147.* 146	Max WS Max WS	564.87	117.92	122.74	122.78	0.002103	2.50	513.85 473 98	968.UL 1045.18	0.27
RIVER-1	Reach-1	145.*	Max WS Max WS	572.41	117.92	122.34	122.37	0.003303	2.02	479.46	1039.90	0.26
RIVER-1	Reach-1	144 143.*	Max WS Max WS	575.96	118.00	122.13	122.17	0.002459 0.002469 0.001607 0.002103 0.003309 0.002097 0.003030 0.001016 0.001053 0.001666	1.85	440.65	987.96	0.30
RIVER-1	Reach-1	143.*	Max WS	580.13	117.50	121.97	122.00	0.001016	1.66	605.09	978.11	0.19
RIVER-1	Reach-1	142 141.*	Max WS	584.24 588 23	117.00	121.88	121.91	0.001055	2.08	588 64	937.29	0.19
RTVER-1	Reach-1	140	Max WS Max WS Max WS	591.84	117.00	121.57	121.62	0.002431	3.05	527.36	1053.14	0.29
RIVER-1	Reach-1	140 139.*	Max WS	594.39	117.50	121.44	121.47	0.001599	2.32	601.73	979.64	0.24
RIVER-1	Reach-1	138 137.*	Max WS	597.09	118.00	121.37	121.38	0.000802	1.57	/59.88 601 74	965.17	0.17 0.19
KIVEK-I	Reach-1	137."	Max WS	600.33	118.00	121.29	121.31	0.001031	2.00	581.23	1066.97	0.25
RIVER-1	Reach-1	136 135.* 134 133.*	Max WS Max WS Max WS	606.46	117.50	121.07	121.09	0.001210	1.56	624.29	866.26	0.20
RIVER-1	Reach-1	134	Max WS	609.82	117.00	120.99	121.00	0.000793	1.20	711.89	768.87	0.16
RIVER-1	Reach-1	133.* 132	Max WS Max WS	613.83	117.00	120.89	120.91	0.001068	1.37 1.27	593 50 593 50	746.54 617.88	0.19
RIVER-I	Reach-1	131.*	Max WS Max WS	619.96	117.00	120.79	120.73	0.001295	1.41	570.80	818.98	0.20
RIVER-1	Reach-1	130 129.*	Max WS	622.10	117.00	120.61	120.63	0.001203	1.30	628.07	808.68	0.19
RIVER-1	Reach-1	129.*	May MC	623.20	117.00	120.51	120.54	0.001666 0.002431 0.001599 0.000802 0.001051 0.001210 0.000793 0.001068 0.001295 0.001203 0.001295 0.001203 0.001753 0.002850 0.001850	1.52	553.14	828.11	0.23
RIVER-1	Reach-1	128 127.*	Max WS Max WS Max WS Max WS Max WS Max WS Max WS	624.30	117.00	120.26 120.04	120.34	0.005543	2.40	- 343.03 434 71	693 07	0.40
PIVER-I	Reach-1	126	Max WS Max WS	624.24	116.71	119.98	120.00	0.001352	1.96	622.89	754.58	0.21
RIVER-1	Reach-1	125 *	Max WS	624.23	116.21	119.95	119.97	0.001266	1.74	647.62	814.21	0.21
RIVER-1	Reach-1	124 123.* 122 121.*	Max WS	624.22	116.00	119.93	119.95	0.000910	1.35	729.17	835.44	0.17
RIVER-1	Reach-1	123.*	Max WS	624.19	116.18	119.88	119.89	0.001089	1.58	725 99	970 21	0.19
RIVER-I	Reach-1	122	Max WS Max WS	701.03	115.68	119.65	119.69	0.001070	2.10	553.65	635.74	0.26
RIVER-1	Reach-1	120	Max WS	700.90	115.00	119.51	119.54	0.001151	2.05	630.94	626.98	0.21
RIVER-1	Reach-1	119 *	Max WS Max WS	700.81	116.71 116.42 116.21 116.00 116.18 115.68 115.00 114.50 114.50 115.00	124, 90 124, 72 124, 64 124, 56 124, 56 124, 10 123, 93 123, 84 123, 76 123, 36 123, 36 123, 38 122, 89 122, 74 122, 54 122, 54 122, 54 122, 13 121, 97 121, 88 121, 75 121, 18 121, 07 121, 18 121, 07 120, 89 120, 70 120, 89 120, 70 120, 61 120, 51 120, 51 120, 50 120, 70 120, 61 120, 19 120, 89 120, 70 120, 61 120, 51 120, 99 120, 70 120, 61 120, 19 120, 89 120, 70 120, 89 120, 70 120, 89 120, 70 120, 89 120, 70 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 99 120, 99 120, 89 120, 99 120, 99 120, 89 120, 99 120, 99 120, 99 120, 99 120, 99 120, 99 120, 99 120, 89 120, 99 120, 89 120, 99 120, 99 120, 89 120, 70 120, 89 120, 89 120, 89 120, 89 120, 99 120, 89 120, 70 120, 89 120, 89 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 99 120, 89 120, 70 120, 8	119.44	0.002850 0.001352 0.001266 0.000910 0.001089 0.001070 0.001924 0.001751 0.004629 0.001626	2.80	539.22	703.84 702.14 744.58 750.47 721.88 690.53 716.83 863.23 907.92 908.44 844.51 748.83 968.01 1045.18 1039.90 987.96 978.11 937.29 978.65 1053.14 979.64 965.17 985.36 1066.97 885.36 1066.97 88.81 844.29 693.07 754.58 818.98 808.81 844.29 693.07 754.58 814.21 835.44 871.84 970.21 626.98 593.68 542.93 380.98 393.08 437.75	0.17 0.19 0.26 0.21 0.28 0.51 0.30 0.20
RIVER-1	Reach-1	118 117.*	Max WS Max WS	691.U/	114.00 114.50	119.04 118 95	119.29	0.004629	2.69	392.54	380.98	0.30
RIVER-1	Reach-1	117."	Max WS Max WS	625.23	115.00	118.86	118.92		2.18	392.95	393.08	0.30
RIVER-1	Reach-1	115.*	Max WS	513.01	114.50	118.78	118.81	0.000904	1.41	440.15	437.75	0.21
RIVER-1 RIVER-	Reach-1 Reach-	114	Max WS	619.96 622.10 623.20 624.30 624.24 624.23 624.22 624.19 623.74 701.03 700.90 700.81 691.07 677.08 625.23 513.01 500.57 1267.79	114.00	118.73	125. 41 124. 75 124. 66 124. 66 124. 52 124. 17 123. 95 123. 87 123. 78 123. 65 123. 14 122. 78 122. 78 122. 17 122. 17 122. 17 121. 62 121. 79 121. 62 121. 47 121. 88 121. 31 121. 21 121. 09 121. 09 120. 91 120. 92 120. 93 120. 94 120. 95 120. 0.000904 0.000546 0.001537	5.75 1.75 1.77 2.108 3.06 1.93 2.01 2.59 2.59 2.58 1.60 2.58 2.58 2.58 2.59 1.50 1.37 1.37 1.37 1.35 2.08 4.69 2.18 4.69 4.69 4.69 4.69 4.69 4.69 4.69 4.69	82.50 506.96 536.02 455.49 284.43 378.00 567.12 590.52 627.73 579.37 429.09 474.27 505.74 513.85 479.46 440.65 605.09 678.75 588.64 527.36 601.73 591.89 610.36 591.74 581.23 624.29 711.89 610.36 570.80 628.07 553.14 345.65 434.67 622.89 647.62 729.17 691.45 725.99 533.094 539.22 330.23 392.54 392.95 536.94 638.10	501.42 567.36	0.16 0.30	
RIVER-1	Reach-2	112.05	Max WS Max WS	1207.57 1267.79	112.00 112.00	118.73 118.72	118.87	0.001558	2.70	638.10	567.36 565.19	0.30
RIVER-1 RIVER-1	Reach-2	112 111.95	May M2	Lat Struct	112.00	110.72						
RIVER-1	Reach-2	111.*	Max WS	1265.41	113.00	118.61	118.70	0.001847	2.54	633.89	545.45	0.32

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RIVE-1 Reach-2 100 Max WS 1205.0-1 111.00 118. STECCHE, rep 1 114.02 0.001.066 2.04 827.11 667.31 0.77 RIVE-1 Reach-2 100 Max WS 1205.0-1 111.00 118.15 111.42 0.001.056 2.76 707.28 930.88 0.77 RIVE-1 Reach-2 108 Max WS 1308.79 111.00 118.15 111.07 0.001.057 1.78 707.28 930.88 0.75 RIVE-1 Reach-2 108 Max WS 1308.79 111.00 118.15 111.07 0.001.057 1.78 70.001.057 1.7							_							
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000248 1.73 1446.85 897.88 07.18 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1447.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.1	DTV/CD 1	Donah 2	110	May MC	1222 06	114 00	110 EF	Creek.rep	110 60	0.001406	2.04	921 A1	667 22	0.27
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 115.00 0.000268 1.73 1145.55 857.38 0.11 RIVER-1 Reach-2 100.* Max Ws 1252.43 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.72 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 110.50 117.72 117.97 0.000403 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.53 110.50 117.72 117.79 0.000403 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.53 110.50 117.72 117.70 0.000401 2.12 1416.76 70.77 0.00040 2.12 1416.76 70.00040 2.12 1416.70 1416.70 70.00040 2.12 1416.70	RIVER-1	Reach-2	109 *		1223.90	113.50	118.35		118.42	0.001400	2.76	701.28	590.98	0.27
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000248 1.73 1446.85 897.88 07.18 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1447.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.1	RIVER-1	Reach-2	108		1200.05	113.00	118.16		118.25	0.001486	3.26	771.15	585.80	0.31
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000248 1.73 1446.85 897.88 07.18 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1447.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.1	RIVER-1	Reach-2	107.*	Max WS	1199.17	112.00	118.11		118.17	0.001017	2.65	935.60	677.02	0.25
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000248 1.73 1446.85 897.88 07.18 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1447.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.1	RIVER-1	Reacn-2	106	Max WS	1198.29		118.08		118.13	0.000641	2.42	1125.02	749.24	0.20
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000268 1.73 1446.85 897.88 07.18 117.88 118.00 0.000248 1.73 1446.85 897.88 07.18 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1446.81 147.78 809.91 0.17 117.88 117.97 0.000432 2.13 1447.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.88 117.97 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.17 117.90 0.000432 1.18 147.78 809.91 0.17 117.91 0.1	RIVER-1	Reach-2		Max WS	1197.75	110.50	118.04		118.08	0.000794	2.47	1091.93	758.36	0.22
RIVER-1 Reach-2 100.* Max Ws 1015.20 110.00 117.88 115.00 0.000268 1.73 1145.55 857.38 0.11 RIVER-1 Reach-2 100.* Max Ws 1252.43 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.84 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 111.00 117.72 117.97 0.000433 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.33 110.50 117.72 117.97 0.000403 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.53 110.50 117.72 117.79 0.000403 2.13 147.77 800.917 0.17 RIVER-1 Reach-2 100.* Max Ws 1252.53 110.50 117.72 117.70 0.000401 2.12 1416.76 70.77 0.00040 2.12 1416.76 70.00040 2.12 1416.70 1416.70 70.00040 2.12 1416.70	RIVER-1	Reach-2	104	Max WS	1197.24	110.00	117.99		118.04	0.000772	2.83	1089.32	767.22	0.21
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.83 115.84 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.00161 115.81 0.000161 115.81	KIVER-I	Reach-2	103.*	Max WS	1197.50	110.00	117.98		118.01	0.000763	2.15	11/2.49	821.63	0.21
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	102	Max WS	1013.20	110.00	117.96		117 97	0.000209	2.73	1430.33	037.30 822 53	0.14
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	100	Max WS	1252.33	111.00	117.92		117.94	0.000425	2.13	1417.37	809.91	0.17
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	99.*	Max WS	1253.43	111.00	117.84		117.87	0.000423	2.13	1418.28	809.73	0.17
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	98	Max WS	1254.17	111.00	117.76		117.79	0.000410	2.12	1421.65		0.17
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	97.*	Max WS	1255.58	110.50	117.72		117.75	0.000401	2.12	1416.76	792.67	0.17
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	96	Max WS	1256.12	110.00	117.68		117.70	0.000395	2.10	1410.64	771.80	0.16
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	KIVER-I	Reach-2	95.*	Max WS	1257.76	109.50	117.54		117.67	0.000405	2.15	1363.96	///.84 792 21	0.17
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	93 *	Max WS	1259 92	109.00	117 55		117.03	0.000414	2.20	1311.18	704.60	0.16
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	92	Max WS	1260.92	109.00	117.51		117.55	0.000385	2.25	1215.04	597.96	0.16
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	91.*	Max WS	1262.59	108.50	117.48		117.52	0.000362	2.15	1250.16	604.87	0.16
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	90	Max WS	1264.22	108.00	117.45		117.48	0.000313	2.01	T404.02	1184.02	0.15
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	89.*	Max WS	1265.79	108.50	117.42		117.45	0.000304	2.03	1428.95	1106.41	0.15
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	88	Max WS	1267.26	109.00	117.39		117.42	0.000290	2.02	1416.72	888.50	0.14
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	KIVER-I	Reacn-2	87." 86	Max WS	1260.49		117.30 117.37		117.40	0.000149	1.00	2498 07	1210.70	0.11
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	85 *	Max WS	1270 28	107.50	117 37		117 38	0.000077	1.14	2677.32	1358.72	0.08
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 115.98 116.43 0.006555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1283.37 108.96 115.98 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1269.67 108.67 108.63 115.96 116.22 0.001661 4.13 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 115.86 116.05 0.001698 3.22 62.097 667.24 0.30 115.81 115.81 0.00161 115.82 0.00161 115.83 0.000264 1.28 88.87 7 307.55 68 0.34 0.31 115.86 115.97 115.97	RIVER-1	Reach-2	84	Max WS	1270.76	108.00	117.37		117.38	0.000071	0.98	2962.60	1407.81	0.07
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	83.*	Max WS	1287.34	108.50	117.36		117.37	0.000105	1.17	2542.90	1318.71	0.09
RIVER-1 Reach-2 81.30 Max WS 1283.37 108.96 115.98 116.03 13.00 116.28 0.00555 5.34 240.41 70.61 0.51 RIVER-1 Reach-2 80.95 Max WS 1285.15 108.83 116.03 113.00 116.28 0.001547 4.08 315.36 64.40 0.32 RIVER-1 Reach-2 80.94 Max WS 1265.67 108.67 108.67 115.96 116.22 0.001661 4.12 307.50 66.90 0.34 RIVER-1 Reach-2 79.3849* Max WS 1269.67 108.63 115.86 116.05 0.001298 3.82 68.87 607.24 0.30 RIVER-1 Reach-2 77.3349* Max WS 1253.05 107.80 115.80 115.87 0.000604 2.88 88.87 607.24 0.30 RIVER-1 Reach-2 77.8350 Max WS 1255.05 107.80 115.80 115.83 0.000264 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 68.87 767.25 88.01 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115.81 115.81 0.000164 2.89 1389.63 555.85 89.14 115.81 115	RIVER-1	Reach-2	82	Max WS	1287.14	109.00	117.35		117.36	0.000151	1.34	2242.33	1252.13	0.10
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2	81.56	Max WS	1286.90	108.22	117.27	113.20	117.38	0.000945	2.72	679.87	1347.06	0.21
DT/CD 1 Decah 2 F7 10 Bridge	KIVER-I	Reach-2	81.55	May WC	Br1age	100 06	115 00		116 /2	0.006555	E 3/	240 41	70 61	0.51
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	80 95	Max WS Max WS	1203.37	108.90	116.03	113.00	116.28	0.000533	4.08	315.36	64.40	0.31
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	80.94	Max WS	Bridge			113.00						
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	80.38	Max WS	1269.67	108.67	115.96		116.22	0.001661	4.13	307.50	65.90	0.34
DT VED 1 Dearly 3 F7 10 Bridge	RTVFR-1	Reach-2	79.3849*	Max WS	1263.31	108.33	115.86		116.05	0.001298	3.82	626.97	607.24	0.30
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	78.39	Max WS	1256.05	108.00	115.80		115.87	0.000604	2.88	818.77	327.24	0.21
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2	//.6566*	Max WS	1255.56	107.80	115.80		115.83	0.000264	1.90	1389.03	330.38 785 Q4	0.14
DT/CD 1 Decah 2 F7 10 Bridge	DTVED-1	Reach-2	76.9233" 76.19	Max WS	1233.03	107.40	115.70		115.80	0.000563	2.72	1137.59	907.89	0.13
DT/CD 1 Decah 2 F7 10 Bridge	RTVFR-1	Reach-2	75.86	Max WS	1227.32	107.22	115.57	112.15	115.77	0.001098	3.82	508.31	438.26	0.28
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2	75.85		Bridge									
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2		Max WS	1234.60	106.63	115.57		115.75	0.001208	3.59	500.46	397.80	0.29
DT/CD 1 Decah 2 F7 10 Bridge	KIAFK-T	Reach-2	74.7*	Max WS	1236.51	106.82	115.59		115.64	0.000455	2.02	1156.25	825.60	0.17
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2	/4 72 *	Max WS	1236.48	107.00	115.59		115.60	0.000224	1.23	1937.90 2255.44	1249.34	0.12
DT/CD 1 Decah 2 F7 10 Bridge	KIVEK-I	Reach-2	/3.^ 72	Max WS	1234.41	107.43	115.57		115.50	0.000132	1.13	2559.76	1372.43	0.10
DT VED 1 Dearly 3 F7 10 Bridge	RTVFR-1	Reach-2	71.*	Max WS	1555.62	107.44	115.45		115.57	0.000992	3.06	720.60	445.21	0.24
DT/CD 1 Decah 2 F7 10 Bridge	RIVER-1	Reach-2	70	Max WS	1555.53	107.03	115.34		115.47	0.000940	2.82	552.62	102.30	0.21
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	69.*	Max WS	1555.57	107.35	115.21		115.36	0.001255	3.14	495.82	34.10	0.24
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-I	Reach-2	68	Max WS	1555.53	107.68	115.03		115.22	0.001613	3.46	449.70	124.06	0.27
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	6/	Max WS	1555.41	107.40	114.84		110.04	0.002013	3.04 4.14	402.07 428 48	134.90	0.30
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	65 *	Max WS	1555 22	107.40	114.39		114.62	0.002433	3.66	475.03	173.41	0.31
DT VED 1 Dearly 3 F7 10 Bridge	RTVER-1	Reach-2	64	Max WS	1555.17	107.00	114.27		114.45	0.001497	3.46	464.34	185.94	0.31
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	63.*	Max WS	1558.05	106.81	114.12		114.30	0.001574	3.38	478.51	226.56	0.32
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	62.*	Max WS	1560.79	106.62	113.98		114.15	0.001581	3.28	498.98	198.05	0.32
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-1	Reach-2	61.*	Max WS	1563.62	106.43	113.85		114.00	0.001369	3.11	537.46	210.16	0.30
DT VED 1 Dearly 3 F7 10 Bridge	RIVER-L	Reach-2	60	Max WS	1566.37	106.24	113.//		113.88	0.001080	2.01 2.78	695.79	361 61	0.20
DT VED 1 Dearly 3 F7 10 Bridge	KIVEK-I	Reach-2	59.°		1576 51	105.07	113.65		113.72	0.000468	2.42	1040.14	477.63	0.18
DT VED 1 Dearly 3 F7 10 Bridge	RTVER-1	Reach-2	57.2	Max WS	1580.61	107.05	113.57	110.86	113.68	0.000935	3.11	834.42	421.70	0.25
RIVER-1 Reach-2 56.9 Max WS 1580.26 107.05 113.45 113.58 0.001167 3.37 753.56 400.25 0.28 RIVER-1 Reach-2 56 Max WS 1584.83 105.90 113.40 113.49 0.000614 2.61 848.95 384.09 0.21 RIVER-1 Reach-2 55.* Max WS 1589.00 105.85 113.37 113.43 0.000504 2.20 1007.60 472.54 0.19 RIVER-1 Reach-2 54 Max WS 1593.23 105.80 113.33 113.38 0.000443 1.94 1147.29 560.62 0.17 RIVER-1 Reach-2 53.* Max WS 1604.27 105.70 113.26 113.31 0.000479 2.04 1077.99 398.65 0.16	RIVER-1	Reach-2	57.19		Bridge									
RIVER-1 Reach-2 56 Max WS 1584.83 105.90 113.40 113.49 0.000614 2.61 848.95 384.09 0.21 RIVER-1 Reach-2 55.* Max WS 1589.00 105.85 113.37 113.43 0.000504 2.20 1007.60 472.54 0.19 RIVER-1 Reach-2 54 Max WS 1593.23 105.80 113.33 113.38 0.000443 1.94 1147.29 560.62 0.17 RIVER-1 Reach-2 53.* Max WS 1604.27 105.70 113.26 113.31 0.000479 2.04 1077.99 398.65 0.16	RIVER-1	Reach-2	56.9	Max WS	1580.26	107.05	113.45		113.58	0.001167	3.37	753.56	400.25	0.28
RIVER-1 Reach-2 53.* Max WS 1589.00 105.85 115.37 115.45 0.000443 1.94 1147.29 560.62 0.17 RIVER-1 Reach-2 53.* Max WS 1593.23 105.80 113.33 113.38 0.000443 1.94 1147.29 560.62 0.17 RIVER-1 Reach-2 53.* Max WS 1604.27 105.70 113.26 113.31 0.000479 2.04 1077.99 398.65 0.16	RIVER-1	Reach-2	56		1584.83	105.90	113.40		113.49	0.000614	2.61 2.20	848.95 1007.60	384.U9 472 54	0.21
RIVER-1 Reach-2 53.* Max WS 1604.27 105.70 113.26 113.31 0.000479 2.04 1077.99 398.65 0.16		Reach-2	55.* E4		1503.00	105.65 105.80	113.3/ 113 33		113 38	0.000304	1.94	1147.29	560.62	0.17
TATELLY TOUGHT DOT THE TOUTH TOUTH DATE OF THE TOUTH THE		Reach-2	54 53.*		1604.27	105.70	113.26		113.31	0.000479	2.04	1077.99	398.65	0.16
RIVER-1 Reach-2 52 Max WS 1615.36 105.60 113.18 113.22 0.000586 2.06 1014.74 325.37 0.16		Reach-2	52		1615.36	105.60	113.18		113.22	0.000586	2.06	1014.74	325.37	0.16

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RIVER-1	Reach-2	51.*	Max WS	1620.76	105.57	113.11		113.16	0.000691	2.31 2.53	962.98 920.57	314.72	0.19 0.21 0.22
RIVER-1	Reach-2	50.*	Max WS	1626.15 1631.52 1636.87	105.54	113.03		113.09	0.000776	2.53	920.57	304.37	0.21
RIVER-1	Reach-2	49.*	Max WS	1631.52	105.50	112.94		113.01	0.000821	2.75	889.25	295.19	0.22
RIVER-1	Reach-2	48	Max WS	1636.87	105.47	112.84		112.93	0.000799	3.01	869.01	287.62	0.23
RIVER-1	Reach-2	47.*	Max WS	1642.21 1647.53	105.68 105.88	112.78 112.72		112.93 112.85 112.78	0.000742	2.82 2.57	953.41 1060.97	323.44	0.23
RIVER-1	Reach-2	46.*	Max WS	1647.53	105.88	112.72		112.78	0.000632	2.57	1060.97	357.78	0.21
RIVER-1	Reach-2	45.*	Max WS	1652 84	106.08	112 67		112.71	0.000494	2.32	1196.58	403.45	0.19
RIVER-1	Reach-2	44	Max WS	1658.38 1663.31 1668.25 1673.28	106.29 106.30	112.63 112.59 112.55 112.51		112.67	0.000365 0.000380	2.09 2.17	1359.90	430.71	0.16
RIVER-1	Reach-2	43.*	Max WS	1663.31	106.30	112.59		112.63	0.000380	2.17	1309.57	426.36	0.17
RIVER-1	Reach-2	42.*	Max WS	1668.25	106.31	112.55		112.60	0.000396	2.23	1266.93	422.26	0.17
RIVER-1	Reach-2	41.*	Max WS	1673 28	106.32	112 51		112.56	0.000411	2.23 2.27	1231.30	418.29	0.17
RIVER-1	Reach-2	40	Max WS	1678.21	106.33	112.46 112.44		112.52	0 000424	2.30	1203.54	414.64 457.17	0.23 0.23 0.21 0.19 0.16 0.17 0.17 0.18 0.16 0.14 0.12 0.13
RIVER-1	Reach-2	39.*	Max WS	1678 29	106.17	112 44		112.48	0.000424 0.000343	2.09	1352.26	457.17	0.16
RIVER-1	Reach-2	38 *	Max WS	1678.29 1678.20	106.17 106.01	112.41		112.44	0.000260	1.83	1550.97	493.37	0.14
RIVER-1	Reach-2	38.* 37.*	Max WS	1678.19	105.84	112 40		112.42	0.000200	1.56	1788.95	514.11	0.17
RIVER-1	Reach-2	36	Max WS	1678 18	105.68	112.40 112.37		112.40	0.000185 0.000229	1.75	1653.22	524.29	0.13
RIVER-1	Reach-2	35.22	Max WS	1678.18 1678.17	104.52	112.15		112.43	0.001521	4.27	392.85	75.20	0.13
RIVER-1	Reach-2	24.02	Max WS	1678.16	104.52	112.08	108.72	112.37	0.001579	4.33	387.63	74.80	0.34
RIVER-1	Reach-2	24.02	Max W2	Pridao	104.32	112.00	100.72	112.57	0.001373	4.33	307.03	74.00	0.54
RIVER-1	Reach-2	24.01	Max WS	Bridge 1678.08	104.30	110 06		111.65	0 002803	6 66	251 81	68 25	0.61
RIVER-1	Reach-2	34.82 34.81 34.34 33.67*	Max WS Max WS	1678.03	104.12	110.96 110.91		111.34	0.005893 0.003211 0.001053	6.66 5.26	251.81 319.26 803.72	68.25 78.98	0.61 0.46 0.27 0.27 0.30
RIVER-1	Reach-2	33.07"	Max WS	1679.03	103.93	111.00		111.15	0.003211	3.35	803.72	583.69	0.40
KIVEK-I	Reach 2	33 *		1670.07	103.33	110.00		111.13	0.001053	2.33	941 02	666.42	0.27
RIVER-1	Reach-2 Reach-2	33 32.* 31.*	Max WS Max WS	1670.03	103.40 102.88	110.90 110.75		111.03	0.001030	2 15	841.02 794.36	740.67	0.27
RIVER-1 RIVER-1	Reach-2	30. "	Max WS Max WS	1678.07 1678.05 1678.01 1677.97	102.35	110.73		110.89 110.65	0.001050 0.001459 0.003780	3.08 3.15 3.97	610.38	1004.14	0.30
		30 *		10//.9/	102.33	110.43		110.03	0.003760	3.97	610.30	946.01	0.46 0.47
RIVER-1	Reach-2	29.*	Max WS	1677.95	102.34	110.07		110.31	0.003930	4.22	618.19 697.53	940.01	0.47
RIVER-1	Reach-2	28.* 27.*	Max WS	1677.83 1677.74	102.33 102.33	110.07 109.75 109.52		110.31 109.97 109.67	0.003930 0.003592 0.002614	4.22 4.24 3.86 3.19 3.52 3.82	895.16	887.82 957.37	0.40
RIVER-1	Reach-2	27."	Max WS	10//./4	102.33	109.32		109.46	0.002514	2 10	1209.53	1058.49	0.40
RIVER-1	Reach-2	26	Max WS	1677.64	102.32	109.38 109.23 109.05		109.40	0.0013/1	3.19	1118.40	1136.13	0.31
RIVER-1	Reach-2	25.* 24.* 23.*	Max WS	1677.60	101.99 101.66	109.23		109.33 109.17	0.002110 0.002800	3.32	1110.40	1130.13	0.33
RIVER-1	Reach-2	24.*	Max WS	1677.42	101.66	109.05		109.17	0.002800	3.82	1011.89	1219.69	0.40
RIVER-1	Reach-2	23.*	Max WS	1677.31 1677.20	101.33 101.00	108.87 108.72		108.95 108.77	0.002427 0.001881	3.34 2.79	1073.81 1220.61	1062.57 1113.03	0.37
RIVER-1	Reach-2	22 21.*	Max WS	1677.20	101.00	108.72		108.77	0.001001	2.79	1102 27	1113.03	0.32
RIVER-1	Reach-2	21.*	Max WS	1677.08	101.27	108.56 108.39		100.02	0.001995 0.002122 0.002301	3.01	1183.27 1145.70	1099.15 1035.73	0.33
RIVER-1	Reach-2	20.* 19.* 18	Max WS	1676.95 1676.73	101.54	108.39		108.45 108.26	0.002122	3.11	1113.70	1022.72	0.34
RIVER-1	Reach-2	19.*	Max WS	1676.73	101.82	108.20 108.01		108.20	0.002301	3.17	1113.15 1091.62	958.29 877.29	0.33
RIVER-1	Reach-2	18	Max WS	1676.43 1676.09 1675.48	102.09	108.01		108.06 107.86 107.70	0.002352 0.002305 0.001443	3.1/	1246.55	1224.19	0.33
RIVER-1	Reach-2	17.*	Max WS	1676.09	101.97 101.85	107.81 107.67		107.00	0.002303	3.17	1460.15	1224.13	0.33
RIVER-1	Reach-2	16.*	Max WS	10/3.48	101.03	107.07		107.70	0.001443	3.11 2.55 1.96	1749.08	1231.34 1236.99 1245.19	0.20
RIVER-1	Reach-2	15.* 14 13.* 12.*	Max WS	1675.15 1675.14 1674.92 1674.83 1674.73	101.73 101.61	107.58 107.53 107.50 107.47 107.45		107.60 107.54 107.51 107.48	0.000837 0.000495	1.44	2080.65	1230.99	0.21
RIVER-1	Reach-2	14	Max WS	1674.02	101.61	107.53		107.54	0.000493	1.23	2221.96	1251.49	0.10
RIVER-1	Reach-2	13."	Max WS	1674.92	101.43	107.30		107.31	0.000404	1.20	2366.81	1242.86	0.13
RIVER-1	Reach-2	12.*	Max WS	1674.83	101.20	107.47		107.46	0.000324 0.000261	1.14	2519.22	1232.37	0.13
RIVER-1	Reach-2	11.*	Max WS	1674.73	101.08	107.43		107.40	0.000201	1.07	2664.38	1217.08	0.12
RIVER-1	Reach-2	10	Max WS	1674.80	100.90 100.75	107.43		107.44 107.41 107.37	0.000364	1.40	2236.13	1197.24	0.11
RIVER-1	Reach-2	9.*	Max WS	1674.77 1674.71	100.73	107.40		107.41	0.000556	1.84	1860.74	1260 01	0.14
RIVER-1	Reach-2	8.*	Max WS	1674.71	100.60	107.35		107.37	0.000336	2.46	1581.23	1200.01	0.10
RIVER-1	Reach-2	7.*	Max WS	1674.56 1674.52 1674.46	100.45	107.28		107.31 107.22	0.000876 0.001645	3.51	1306.18	1260.01 1254.13 1342.24 1468.88	0.23
RIVER-1	Reach-2	6	Max WS	1674.52	100.30	107.14 106.99		107.22	0.001578	3.51	1346.32	1746.54	0.32
RIVER-1	Reach-2	5.*	Max WS	1674.46	100.15	106.99		107.07	0.001427	3.31	1423.53	1583.84	0.37
RIVER-1	Reach-2	4.*	Max WS	1674.36 1674.23 1674.12	100.00	106.85		106.93	0.001437	3.40 3.36	1647.19	2167.74	0.30
RIVER-1	Reach-2	3.*	Max WS	16/4.23	99.85	106.73		106.80	0.001367	3.30	2059.83	Z10/./4	0.30
RIVER-1	Reach-2	2	Max WS	1674.12	99.70	106.65		106.68	0.000802	2.61	2059.83 1659.31	2285.41	0.23
RIVER-1	Reach-2	1.* 0	Max WS	1674.09	99.55	106.54	105.00	106.61	0.001276	3.36		2243.63 1963.65	0.40 0.31 0.35 0.40 0.37 0.32 0.33 0.35 0.35 0.28 0.21 0.16 0.15 0.12 0.11 0.12 0.11 0.12 0.13 0.35 0.35
RIVER-1	Reach-2	0	Max WS	1674.07	99.40	106.39	105.80	106.51	0.001669	3.89	1298.89	1303.03	0.33