

APPENDIX F:
DRAINAGE MEMORANDUM

Energy, Transportation, and Asset Management Drainage Analysis
Memorandum

MEMO

September 9, 2026

Subject: CTA Expansion Supplemental EA – Stormwater Drainage

Purpose

This memorandum documents Dallas Fort Worth International Airport's commitment that the Central Terminal Expansion (CTA) Expansion components covered by the Supplemental Environmental Assessment (EA). The EA will be designed, constructed, and operated in conformance with applicable Airport drainage and stormwater standards and practices. Figure 1 depicts the overall CTA Supplemental EA project area and the improvements evaluated as part of the Supplemental EA. Based on currently available planning and design information, this memorandum provides a quantitative, planning-level evaluation of anticipated changes in impervious surface and stormwater runoff for the proposed improvements. The evaluation is intended to support NEPA documentation and Environmental Affairs Department (EAD) coordination while detailed design continues.

Standards & Governing Documents

Design is required to adhere to DFW's Design Criteria Manual Chapter 5 – Civil, Section 5.0.4 Stormwater Drainage Utilities and the Stormwater Drainage Master Plan (2021), including the referenced guidance: FAA AC 150/5320-5D (Airport Drainage Design), FAA AC 150/5200-33B (Hazardous Wildlife Attractants), ACRP Report 174 (Green Stormwater Infrastructure), NCTCOG iSWM Criteria/Technical Manuals, and the Federal Flood Risk Management Standard.

Existing and Proposed Drainage Conditions

Terminal F Phase 2

Existing on-site drainage is generally contained within three open infield drainage areas. Each area drains to a low point and then enters an area drain that connects to the existing 96-inch storm sewer trunk line within the International Parkway (IP) infield. The downstream outfall for this system is Trigg Lake which is a FEMA designated "Zone A". The outfall of Trigg Lake drains to Bear Creek which is a FEMA designated "Zone AE with regulatory floodway". The proposed building, garage, roadways, and fire access areas will largely replace these existing drainage areas while maintaining a similar overall drainage pattern. Runoff from the garage and other paved areas will be collected through downspouts, area drains, curb inlets, and associated piping and conveyed to the existing civil stormwater system.

Garage drainage will be routed through sand/oil interceptors before discharge to the civil storm system. On-site runoff from the fire access road and open areas will enter proposed curb inlets and area drains and will either connect to existing laterals to the 96-inch storm sewer or pass through the proposed stormwater detention system before entering the storm sewer. Since there will be detention systems included in the design, post-project conditions will be regulated to evaluate the project runoff from the project site to be equal to or below pre-project conditions therefore, it illustrates that there are no adverse impacts on the existing stormwater infrastructure. With the inclusion of detention, there will be no adverse impacts to adjacent floodplains, Bear Creek or Trigg Lake shown downstream of the project site. FEMA Flood Insurance Rate Map (FIRM) can be found in the appendix of Appendix A Final Report for Terminal F Phase 1 and 1A.

Terminal F Phases 1 and 1A

The program includes the redevelopment of the old express south parking area to accommodate changes in the Terminal F footprint, additional gates within the confines of the Skylink rail, and new terminal facilities, such as

those required for international passenger processing. The apron pavement reconstruction limits to the south have expanded to accommodate the additional aircraft parking positions on the south side of the terminal. Other work in the project area includes the Skylink bridge column and rail adjustments to accommodate dual taxilanes under the Skylink, and the final airfield paving and drainage infrastructure within the confines of the Skylink rail.

Figure 1 presented here is approximate and through design development a final shape of the development will emerge.

For permitting and construction purposes, the overall project was broken down into permit packages of smaller, connected scopes of work. Drainage improvements include four of the overall packages of work (permit packages 5, 12, 14, and 20). See **Figure 1** for the Terminal F Phase I packages. The proposed improvements included in Package 5 consist of the Terminal F Building and associated airfield pavement. The Terminal F Building will be constructed in the location previously occupied by the F Hardstand, which was already considered fully impervious. The remaining portions of Package 5 will convert areas that currently contain a mixture of pervious and impervious surfaces into airfield pavement. Most runoff from this area will continue to discharge to the West 120" trunkline through the existing 42" storm sewer located beneath the Terminal F Building.

Packages 14 and 20 are mainly centered on the construction of the Skylink building, Terminal F Phase 1A building, and its associated infrastructures. This area includes part of what used to be the express south parking area. This will move from a mix of pervious and impervious areas to completely impervious. Most of this area continues to flow to the East 120" trunkline.

In Package 12 most of the old express south parking area will eventually be airfield pavement. The civil design of Package 12 is under the scope of others; however, two conditions are analyzed for this area.

- Interim Grading: This represents the state of the site for the next two years following preliminary grading. During this period, the site will consist of a 4" aggregate base course. Existing inlets will be modified and supplemented with proposed inlets to manage stormwater runoff utilizing the existing drainage network.
- Conceptual Final Grading Evaluation: At the time of the conceptual analysis, a proposed final grading condition was evaluated. This concept included airfield pavement construction, a revised storm sewer network, and continued use of the existing tie-in locations.

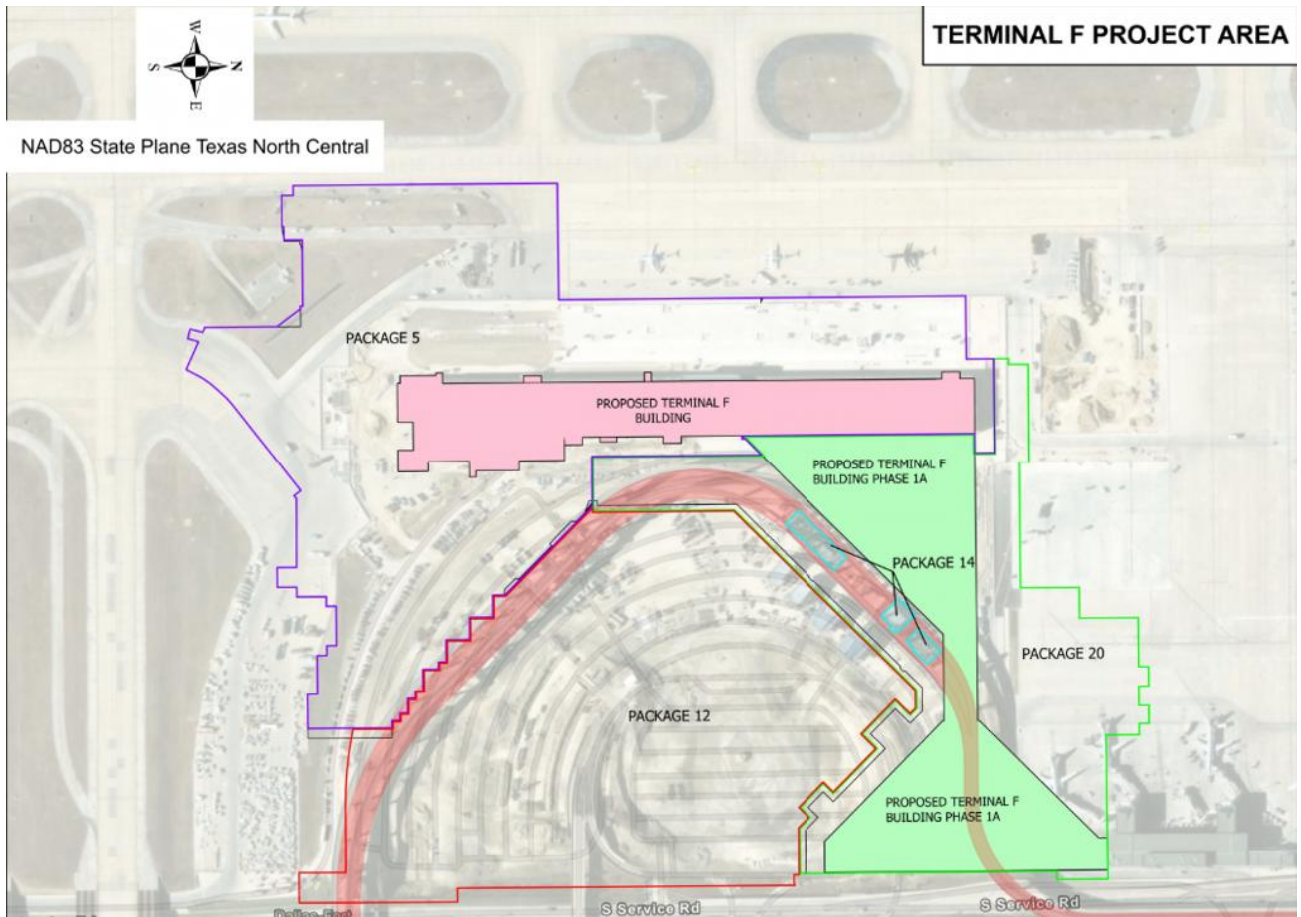


Figure 1: Terminal F Phases 1, 1A and Nodes 1 and 2 Layout

TFD-014 Airfield Safety and Efficiency Improvements, Package 3

Pavement updates were performed north of the Terminal F Phase 1 and 1A areas (see **Figure 2**). The updated storm drain network flowing to the East 120" trunkline includes diversion to the first-flush line of the first 0.25" of rainfall as required by the DCM for areas involving aircraft operations. The other updated storm drains eventually flow to the West 120" trunkline.

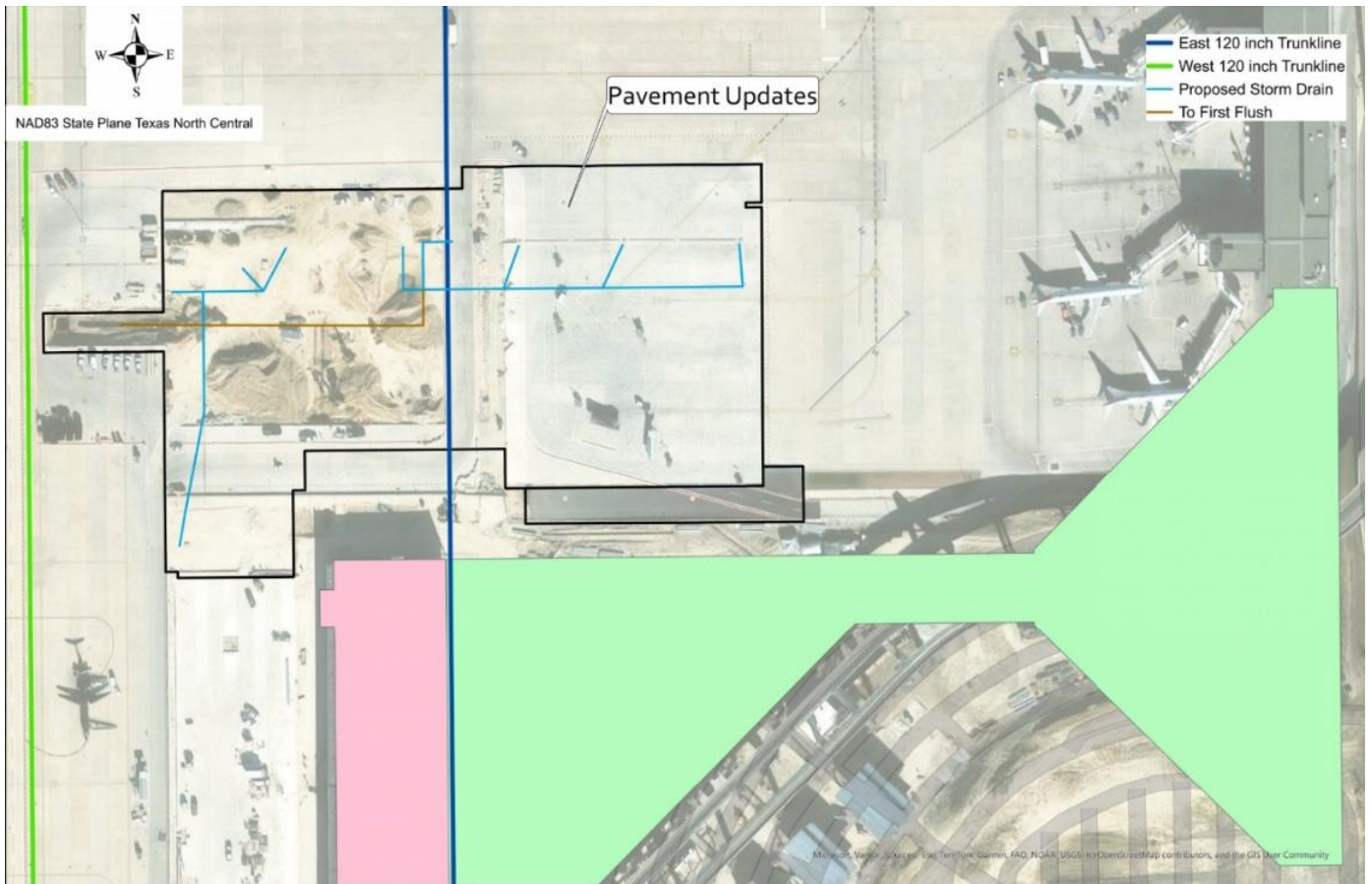


Figure 2. TFD-014 Airfield Safety and Efficiency Improvements Layout

International Parkway Right Exits & High Mast Light Poles Replacement Phase 2 Projects

Improvements to IP between Terminals C and D include updated storm drainage infrastructure and the replacement of an existing bridge. See **Figure 3** for the proposed improvement layout.

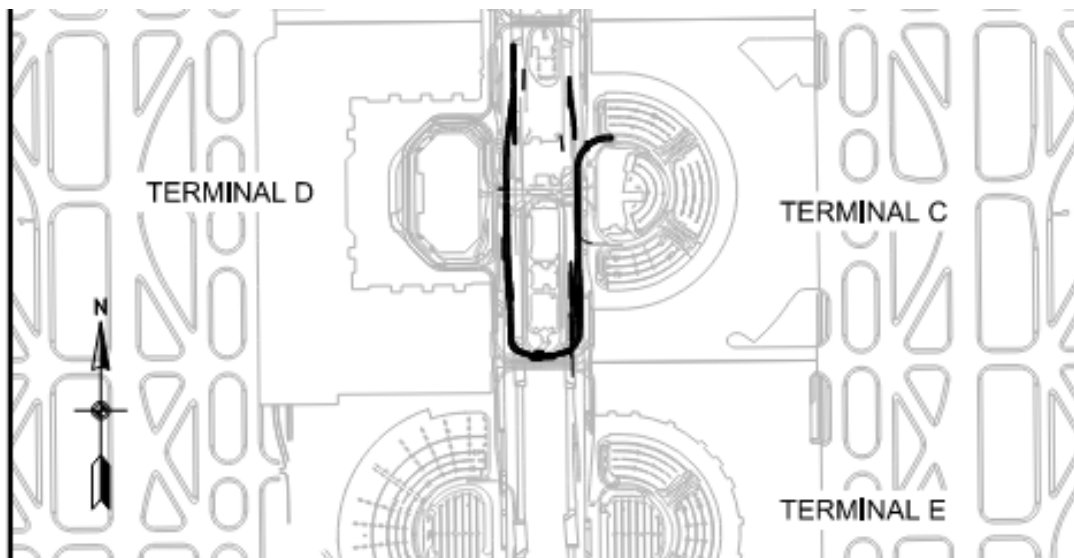


Figure 3. International Parkway Layout – Terminal C&D

South Terminal F Pavement Expansion

Pavement improvements and expansion are planned south of the express south parking area. Some of these improvements are associated with work included in Package 5, which is under Terminal F Phase 1 and 1A. The pavement updates will be implemented in conjunction with the corresponding storm drainage improvements. Approximate pavement limits planned are shown in **Figure 4**.



Figure 4. South Terminal F Pavement Expansion Conceptual Site Layout

Quantitative Runoff and Detention Evaluation

The CTA EA improvements are anticipated to increase impervious surfaces. The following describes the increases in Terminal F Phase 2, Terminal F Phases 1, and 1A.

Terminal F Phase 2

A preliminary Modified Rational Method calculation evaluates an approximately 14.0-acre drainage area. For the 100-year event, the calculation estimates an existing peak runoff rate of 63.21 cubic feet per second (cfs) and a proposed unmitigated peak runoff rate of 130.78 cfs. This represents an unmitigated increase of approximately 67.57 cfs.

The same preliminary calculation indicates that approximately 99,524 cubic feet (2.285 acre-feet) of detention storage is needed to limit the post-development 100-year discharge to the existing peak rate of 63.21 cfs. The current concept provides approximately 100,000 cubic feet (2.296 acre-feet) of storage, which is slightly greater than the calculated preliminary requirement. Conceptual plans identify underground detention along the south side of the development with discharge to the existing stormwater system. The proposed detention basin location is shown in **Figure 5**. The final design and placement will be determined during detailed planning and design. The detention is shown in pink in the figure below.

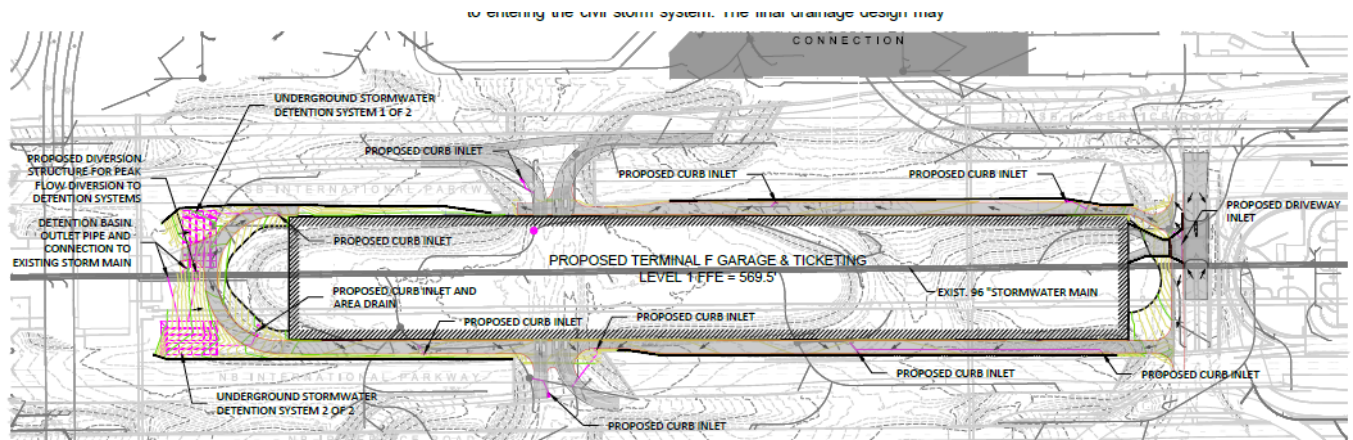


Figure 5: Location of proposed detention basins for Terminal F Phase 2

Terminal F Phases 1 and 1A

The estimated impervious surface increase here is approximately 7.3 acres. A preliminary Rational Method calculation evaluates approximately 26.00 acres area. For the 100-year event, the calculation estimates an existing peak runoff rate of 178.13 cubic feet per second (cfs) and a proposed unmitigated peak runoff rate of 247.67 cfs. This represents an unmitigated increase of approximately 69.54 cfs.

It is estimated that this will need approximately 130,680.00 cubic feet (3.0 acre-feet) of detention storage is needed to limit the post-development 100-year discharge to the existing peak rate of 178.13 cfs. The current concept provides approximately 130,680.00 cubic feet (3.00 acre-feet) of storage. Conceptual plans identify underground detention along the south side of the development with discharge to the existing stormwater system. The proposed detention basin location is shown in **Figure 6**. Another mitigation strategy suggested in the initial evaluation was an additional connection to the 96" trunkline located beneath the project area to avoid adverse impacts to the downstream system. This is an initial estimation only and the final design and placement will be developed through detailed design.

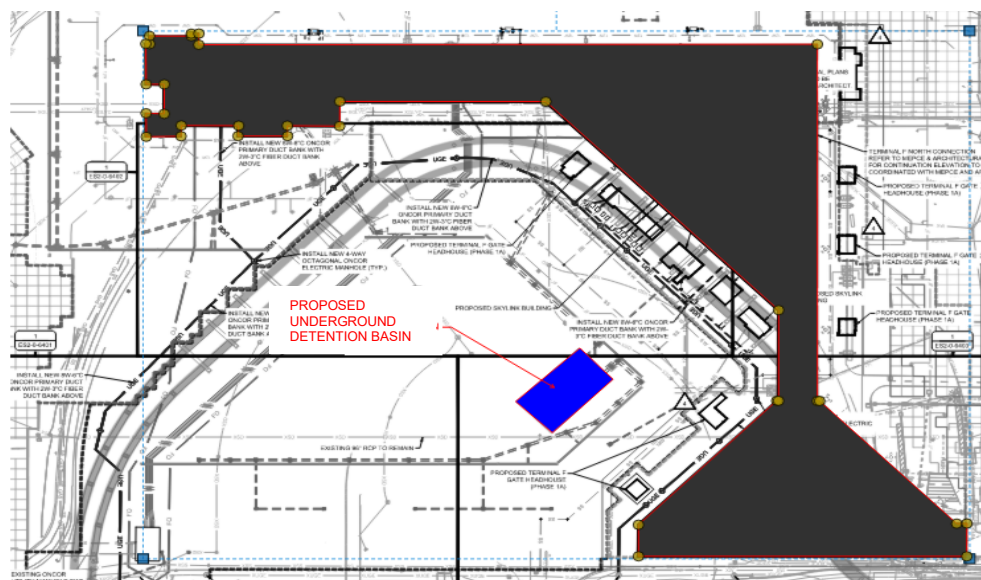


Figure 6: Location of proposed underground detention basin for Terminal F Phase 1, 1A

Stormwater Quality, Permits, and Construction Controls

DFW will obtain and comply with all applicable stormwater permits and requirements, including applicable NPDES construction stormwater requirements and an approved Stormwater Pollution Prevention Plan (SWPPP). Contractors will implement required best management practices as well as erosion and sediment controls during construction in accordance with applicable DFW criteria and permit requirements.

Post-construction runoff will be conveyed through the Airport stormwater system using the drainage and treatment features described above. Ramp and garage drainage will receive applicable treatment, including sand/oil interception and DFW first-flush treatment requirements where applicable. With the proposed detention and treatment controls, the project will be designed so post-construction flows do not adversely affect the hydrology or water quality of nearby surface waters.

Design Requirements & Deliverables

During design refinement, the project team will update and augment the documentation to demonstrate conformance with applicable Airport drainage and stormwater criteria. Required deliverables will be a finalized drainage design supporting hydrologic and hydraulic analyses at the time of the development of this report. These analyses include a conceptual drainage analysis conducted for Package 12 and the proposed drainage studies for package 5, 14, and 20 with supporting H&H analysis, water surface elevation comparison, FEMA Big Bear Creek floodplain evaluation, updated SWMM model files reflecting proposed development conditions, and a conformance letter to EAD/ETAM Watershed Management.

The drainage documentation will identify drainage areas, design assumptions, applicable criteria, points of discharge, proposed stormwater connections, downstream conveyance considerations, and any required mitigation. The final design documentation will confirm that the proposed development does not increase water surface elevations, does not adversely increase FEMA-mapped Big Bear Creek floodplain limits or associated base flood elevations, and incorporates any detention, conveyance, LID/GSI, or other stormwater controls required to meet Airport criteria. All FEMA floodplain impacts at the outfall of the proposed development will be approved by the local DFW floodplain manager.

Operational Context

The proposed development will increase impervious surface and associated unmitigated runoff. The conceptual stormwater detention system is intended to manage this increase and maintain post-development discharge at approximately existing conditions, subject to final design. Upon completion, stormwater will be conveyed and treated through DFW's existing stormwater network and treatment facilities consistent with Airport operations standards. Additionally, DFW requires treatment of first-flush runoff, defined as the initial 0.25 inches of runoff from impervious areas, except roofs. Ramp areas drain to the first-flush system, and landside areas drain to the stormwater system.

Conclusion

Based on the information currently available, the DFW Phase 2 project will increase impervious surface and would increase peak runoff if left unmitigated. The preliminary calculation quantifies that increase and identifies a detention need of approximately 99,524 cubic feet. The current concept provides approximately 100,000 cubic feet of storage south of the development and is intended to limit the 100-year discharge to approximately the existing 63.21 cfs peak rate. The project will maintain a similar overall drainage pattern to the existing 96-inch storm sewer system and Trigg Lake.

Similarly, 130,680 cubic feet of detention are needed to maintain the discharge from the DFW Phase 1 and 1A south parking area at an existing flow condition of 178.13 cfs for the 100-year discharge.

All the projects will comply with applicable stormwater permitting and SWPPP requirements, incorporate appropriate water-quality controls, and complete final drainage design in accordance with DFW criteria. On this basis, no adverse effect to nearby surface-water hydrology or water quality is anticipated from post-construction stormwater flows.

Sincerely,

Brendon White
Senior Manager, Infrastructure Engineering
Energy, Transportation, and Asset Management

Appendix A: Terminal F Phase I/IA Final Report with Appendix

DETERMINATION

System: Stormwater System
Date: September 4, 2026
Subject: Terminal F Design Build



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Flood Mitigation

Based on a Hydrology and Hydraulics (H&H) Report dated September 4, 2026 issued by Garver, the stormwater drainage design for the Terminal F Ramp Packages 5, 12, 14, and 20 for **Interim Condition** will comply with the DFW Design Criteria Manual (DCM) Section 334 Storm Drainage Utilities and the iSWM Criteria Manual. Other Future Phases, such as Conceptual Future Conditions and Phase 2 Proposed Terminal F Garage and Ticketing, **will require an updated drainage analysis to account for a more mature design development.**

The ramp area is divided into different packages, including Packages 5, 14, 20, and 12. The report discusses the existing, interim, and conceptual future conditions. The conceptual future condition includes changes at Package 12 located on the southeast side of the ramp area.

An EPA SWMM baseline model provided by DFW International Airport served as the basis for developing revised existing conditions within the project property. The baseline model was updated using the record drawings and field surveys to create a revised existing condition model. An interim condition model was constructed from the revised existing conditions model to incorporate the preliminary grading and surface materials with a 4" aggregate base course at the project site in Package 12, reflecting the changes in imperviousness of the ground condition.

A H&H analysis using the two (2) EPA SWMM models was conducted to assess the downstream impacts of the developments on Bear Creek for the 1-, 25-, and 100-year storm events. Runoff hydrographs, peak flows, and velocities for each storm event were extracted from the SWMM model and compared between the existing and interim condition models to calculate drainage impacts at select Comparison Points (CPs) and outfall locations discharging to the receiving channels.

Eight (8) CPs have been studied for interim conditions. CP1, CP2, CP3, CP4, and CP7 drain to a 120" trunk line (West). CP5, CP6, CP8, CP1A, and CP2A drain to a 120" trunk line (East). Both trunk lines confluence into a single trunk line. **Figure 1** shows the location of the boundary condition for the SWMM model, labeled BC-BB-F3-120085. The project area drains into Outfall 019.

DETERMINATION

System: Stormwater System
Date: September 4, 2026
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The H&H study focused on evaluating water surface elevations (WSEL) and runoff discharges. The study discusses localized ponding at inlets for less than 24 hours in the Package 12 area. The results indicate that CP8 operates under surcharged conditions, with the pipes running full under both existing and interim conditions.

Table 5 in Exhibit 1 compares runoff discharges between the existing and interim conditions. Although the flow increases and decreases at different CPs, the total flow discharge decreases by 5.63 cubic feet per second (cfs) within the watershed. **Table 6 in Exhibit 2** presents the WSEL comparison between the existing and interim conditions. The WSEL at the downstream boundary condition (outfall BC-BB-F3-120085) remains unchanged at 554.44 ft, while the model results show increases and decreases in WSEL at different CPs.

For the Conceptual Future Condition, the study suggests that a detention structure with a volume of approximately 3 acre-feet (ac-ft) would be required, or that the flow be re-routed to a different trunk line (96 inches) to mitigate the downstream impacts of the proposed developments.

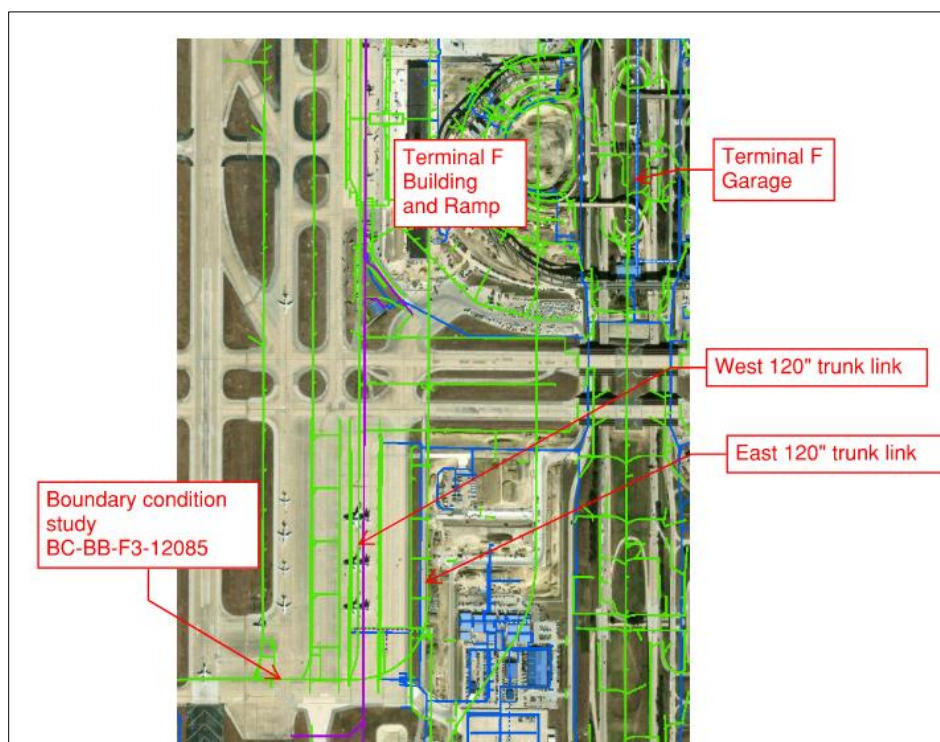


Figure 1 Project Location and Boundary Condition

DETERMINATION

System: Stormwater System
Date: September 4, 2026
Subject: Terminal F Design Build



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Conclusion

It is anticipated that the post-development drainage for **Interim Condition** at the Terminal F ramp will have no impact on the Big Bear Creek floodplain. However, the stormwater drainage from the proposed Terminal F building and ramp improvements should not result in any of the following:

- Impact existing infrastructure
- Have a high probability of loss of human life
- Affect safe airport operations
- Interrupt aircraft services

Therefore, based on the H&H analysis and the Civil Engineering Drainage Design Drawings provided, the proposed drainage design is determined to be **conditionally** acceptable, and it is expected that the final design for future phases and eventual constructed drainage system will comply with the analysis set forth in this Determination. However, this Conditional Determination will be Final only after the final drainage design is submitted and approved by the DFW Floodplain Manager.

A handwritten signature in black ink, appearing to read 'Soo Bum Bae'.

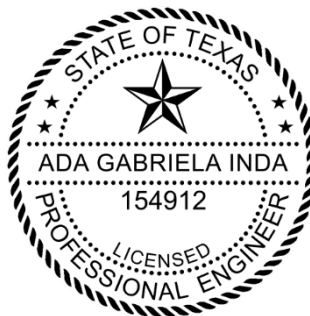
09/04/2026

Soo Bum Bae, PhD, CFM, ENV SP
Senior Quality Engineer

A handwritten signature in black ink, appearing to read 'Ada Gabriela Inda'.

09/04/2026

Ada Gabriela Inda, PE TX 154912
Civil Engineering Manager
Floodplain Manager



DETERMINATION

System: Stormwater System

Date: September 4, 2026

Subject: Terminal F Design Build



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Exhibit 1

Existing and Interim Condition Runoff Discharges by Garver

Table 5. Existing Flow vs. Interim Flow at Control Points and Outfall

	100-year storm event			
	Tie-In Location	Existing Peak Flow (cfs)	Interim Peak Flow (cfs)	Flow Increase (cfs)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	50.83	33.36	-17.47
	CP2 (BC-BB-F3-16300-B0203)	57.84	35.96	-21.88
	CP3 (BC-BB-F3-17110-0102)	72.88	68.00	-4.88
	CP4 (BC-BB-F3-16200)	593.22	587.59	-5.63
	CP7 (BC-BB-F3-16330-0105)	95.91	72.32	-23.59
East 120" Trunkline	CP5 (BC-BB-F3-18908)	312.07	388.67	76.60
	CP6 (BC-BB-F3-18946)	357.98	427.67	69.69
	CP8 (SD2-J8)	42.63	52.55	9.92
	CP1A (BC-BB-F3-18900)	441.25	422.53	-18.72
	CP2A (BC-BB-F3-18890)	690.11	620.44	-69.67
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	1107.90	1075.57	-32.33
Total Flow Change at CPs (Excluding Outfall)				-5.63

DETERMINATION

System: Stormwater System

Date: September 4, 2026

Subject: Terminal F Design Build



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Exhibit 2

Existing and Interim Condition WSE by Garver

Table 6. Existing WSEL vs. Interim WSEL at Control Points and Outfall

	100-year storm event			
	Tie-In Location	Existing Peak WSEL (ft)	Interim Peak WSEL (ft)	WSEL Increase (ft)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	575.12	574.45	-0.67
	CP2 (BC-BB-F3-16300-B0203)	575.23	574.59	-0.64
	CP3 (BC-BB-F3-17110-0102)	571.40	570.38	-1.02
	CP4 (BC-BB-F3-16200)	568.83	568.04	-0.79
	CP7 (BC-BB-F3-16330-0105)	576.70	576.40	-0.30
East 120" Trunkline	CP5 (BC-BB-F3-18908)	569.59	570.42	0.83
	CP6 (BC-BB-F3-18946)	570.49	571.23	0.74
	CP8 (SD2-J8)	581.42	581.74	0.32
	CP1A (BC-BB-F3-18900)	568.70	569.52	0.82
	CP2A (BC-BB-F3-18890)	567.15	567.92	0.77
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	554.44	554.44	0.00

Hydrology & Hydraulics Report

DFW Terminal F Design Build

Dallas Fort Worth International Airport



Prepared by:



Downtown Dallas Office
603 Munger Avenue, Suite 200
Dallas, Texas 75202

September 2026

Garver Project No. 22A28803

Engineer's Certification

I hereby certify that this Hydrology and Hydraulic analysis for DFW Terminal F Design Build was prepared by Garver under my direct supervision for the Dallas Fort Worth International Airport. The information presented in this report is based on the design status at the time of publication. As the project design evolves, this report will be revised to incorporate relevant updates and changes.

Kathryn B Wimberly
Kathryn B. Wimberly, PE, CFM
State of Texas PE License 122462



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1.0 Executive Summary

The Terminal F Program at the Dallas Fort Worth International Airport (DFW) has recently undergone significant changes since American Airlines has been announced as the anchor tenant of the new Terminal F in May of 2025. Originally, the scope of this project was limited to the development of a new Terminal F building in the existing hardstand area. The program now also includes the redevelopment of the express south parking area to accommodate changes in the Terminal F footprint, additional gates within the confines of the Skylink rail, and new terminal facilities, such as those required for international passenger processing. The apron pavement reconstruction limits to the south have expanded to accommodate the additional aircraft parking positions on the south side of the terminal. Additionally, connectivity between Terminal F and Terminal D has been added to this phase of work and further increased the terminal footprint and number of available aircraft parking positions. Other work in the project area, by Others, includes the Skylink bridge column and rail adjustments to accommodate dual taxiways under the Skylink, and the final airfield paving and drainage infrastructure within the confines of the Skylink rail.

This report details the design of the current program's drainage improvements for all areas within the existing Terminal F and Skylink project limits (Figure 1). For permitting and construction, the overall project was broken down in to permit packages of smaller, connected scopes of work. Drainage improvements include four of the overall packages of work (permit packages 5, 12, 14, and 20). The overall project involves the installation of trench drains and catch basins for surface runoff capture, proposed pipe networks, future underground detention structures for peak flow management, and first flush systems for water quality control.

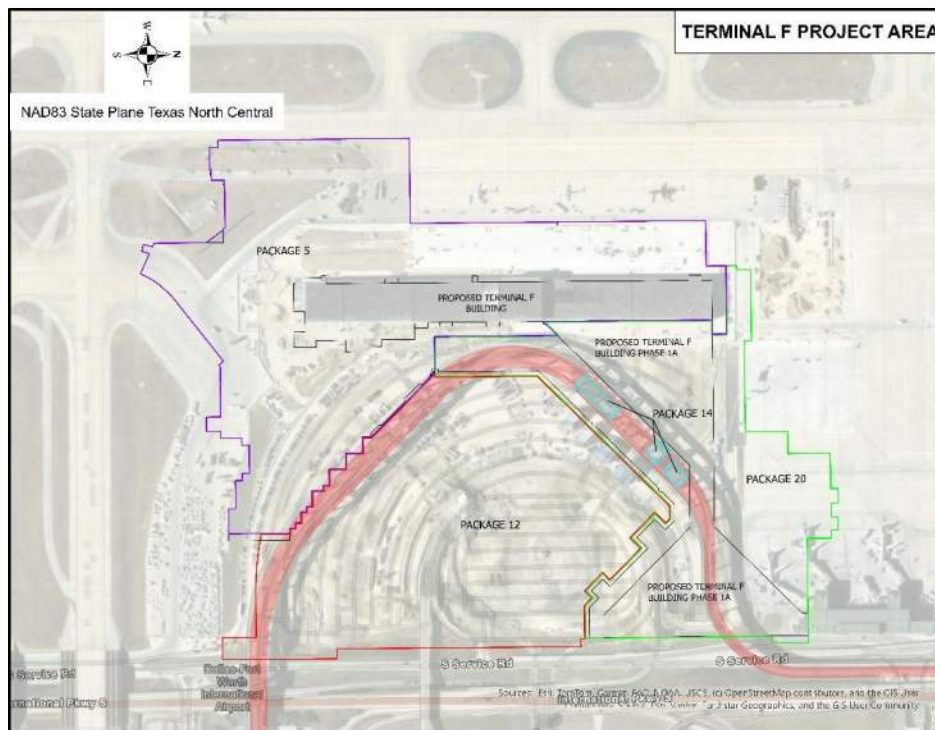


Figure 1. Updated Terminal F Project Area

2.0 Project Location

The proposed project site, outlined in Figure 2 below, is centrally located in the Dallas Fort Worth International Airport, in Tarrant and Dallas County, Texas. The location is and has been a parking area for multiple decades. The site is located outside any FEMA Special Flood Hazard Areas. The effective Flood Insurance Rate Map (FIRM) Panel No. 48439C0120K in Tarrant County is dated September 25, 2009. The 48439C Flood Insurance Study (FIS) volumes are available for Tarrant County, Texas and Incorporated Areas, dated March 21, 2019. The effective FIRM maps for the project area can be found in Appendix E. The horizontal and vertical coordinate system used in this submittal are Texas State Plane Coordinate System NAD83, North Central Zone (US Feet) and the North American Vertical Datum of 1988 (NAVD88), US Feet.



Figure 2. Vicinity Map

3.0 Hydrology

The hydrologic analysis was performed in conformance with the 2023 DFW Design Criteria Manual, and the project bridging documents. Existing drainage utility information was obtained through record drawing research, field surveys, as well as DFW provided EPA SWMM models. Runoff calculations were performed using two methodologies. The rational method was used for peak flow estimates. Then the DFW Model approach using EPA SWMM hydrologic model for runoff hydrograph and peak flow calculations. This section explains hydrology data gathering and model methodology.

3.1 Drainage Areas and Outfalls

3.1.1 Existing Condition

A total of ten comparison points (CPs) were selected to evaluate the impact of the proposed improvements on the downstream drainage system. Improvements associated with Package 5 are monitored at CP1, CP2, CP3, and CP4, which discharge to the West 120" trunkline, and at CP1A and CP2A on the east 120" trunkline. Improvements associated with Packages 12, 14, and 20 are monitored at CP5, CP1A, and CP2A on the East 120" trunkline. Package 20 improvements are monitored at CP6 and CP8, which discharge to the East 120" trunkline, and at CP7, which discharges to the West 120" trunkline.

Figure 3 shows the comparison point locations and the approximate existing drainage areas based on the subcatchments defined in the existing DFW EPA SWMM model.

3.1.2 Proposed Condition

The proposed improvements included in Package 5 consist of the Terminal F Building and associated airfield pavement. The Terminal F Building will be constructed in the location previously occupied by the F Hardstand, which was already considered fully impervious. The remaining portions of Package 5 will convert areas that currently contain a mixture of pervious and impervious surfaces into airfield pavement. Most runoff from this area will continue to discharge to the West 120" trunkline through the existing 42" storm sewer located beneath the Terminal F Building.

Packages 14 and 20 are mainly centered on the construction of the Skylink building, Terminal F Phase 1A building, and its associated infrastructures. This area includes part of what used to be the DFW Express South parking area. This will move from a mix of pervious and impervious areas to completely impervious. Most of this area continues to flow to the East 120" trunkline.

In Package 12 most of the existing Express South Parking area will eventually be airfield pavement. This existing express south parking area has approximately 17 acres of existing pavement. The civil design of Package 12 is under the scope of others to be determined in the future and won't be finalized in this report. However, two conditions are analyzed for this area.

- Interim Grading: This represents the state of the site for the next two years following preliminary grading. During this period, the site will consist of a 4" aggregate base course. Existing inlets will be modified and supplemented with proposed inlets to manage stormwater runoff utilizing the existing drainage network. Figure 4 shows the drainage areas in interim conditions.

- Conceptual Future Grading: *At the time of the original analysis*, a proposed final grading condition was also being evaluated, however, the scope of this work was removed from Garver's contract. This conceptual future analysis included approximately 29.1 acres of additional new airfield pavement construction, a revised storm sewer network, and continued use of the existing tie-in locations at CP1A and CP2A. The analysis indicated that mitigation measures, such as approximately 3 acre-feet of detention storage maybe be needed based on the design of the conceptual future analysis or an additional connection to the existing 96" trunkline located within the south parking area which eventually outfalls to Bear Creek, would be required to avoid adverse impacts to the downstream system. Figure 5 presents the drainage areas and storm sewer network associated with this conceptual evaluation. Since the project has evolved significantly, these results are provided for historical reference only and should not be considered representative of the current design.

The comparison of drainage areas for existing, interim, and proposed conditions is provided in Table 1.

Table 1. Existing, Interim, and Proposed Future Drainage Areas

	Control Point	Existing DA (ac)	% Impervious Existing	Proposed DA Interim (ac)	% Impervious Proposed Interim	Proposed DA Conceptual Future (ac)*	% Impervious Proposed Conceptual Future	Difference in DA between Existing and Interim Proposed (ac)	Difference in DA between Existing and Proposed Conceptual Future (ac)
West 120" Trunkline	CP1	6.73	100.00	4.71	100.00	4.71	100.00	-2.02	-2.02
	CP2	6.98	99.90	4.29	100.00	4.29	100.00	-2.69	-2.69
	CP3	16.66	87.01	16.68	100.00	16.68	100.00	0.01	0.01
	CP4	21.70	61.72	21.76	100.00	21.76	100.00	0.06	0.06
	CP7	9.99	100.00	7.62	100.00	7.62	100.00	-2.36	-2.36
East 120" Trunkline	CP5	0.89	94.45	8.59	100.00	8.59	100.00	7.71	7.71
	CP6	14.87	100.00	15.55	100.00	15.55	100.00	0.68	0.68
	CP8	6.42	99.96	7.44	100.00	7.44	100.00	1.02	1.02
	CP1A	18.69	90.69	10.88	100.00	29.14	100.00	-7.82	10.45
	CP2A	22.38	90.36	26.26	100.00	8.00	100.00	3.87	-14.39

*Values at time of analysis.

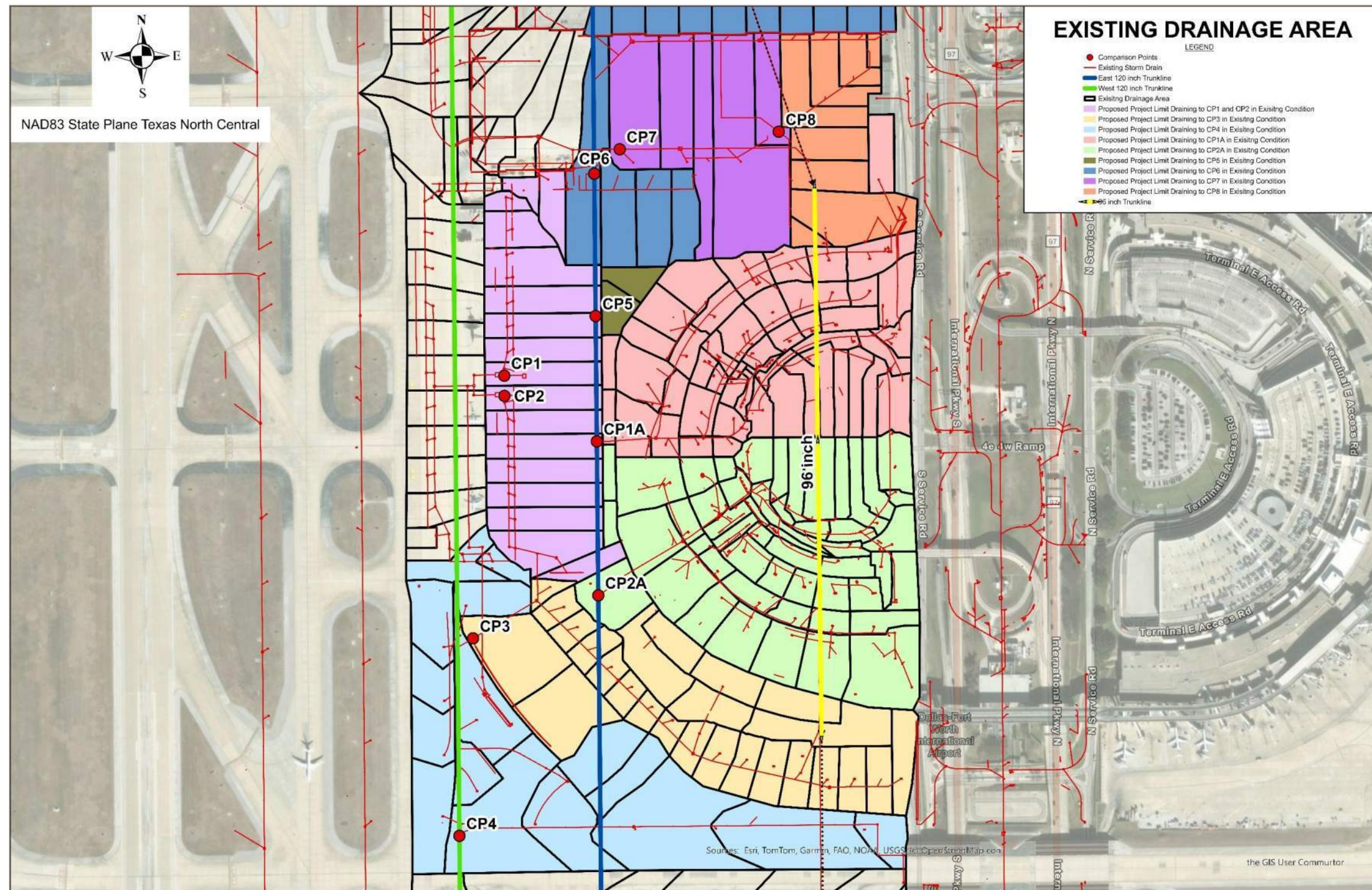


Figure 3. Existing Condition Drainage Areas

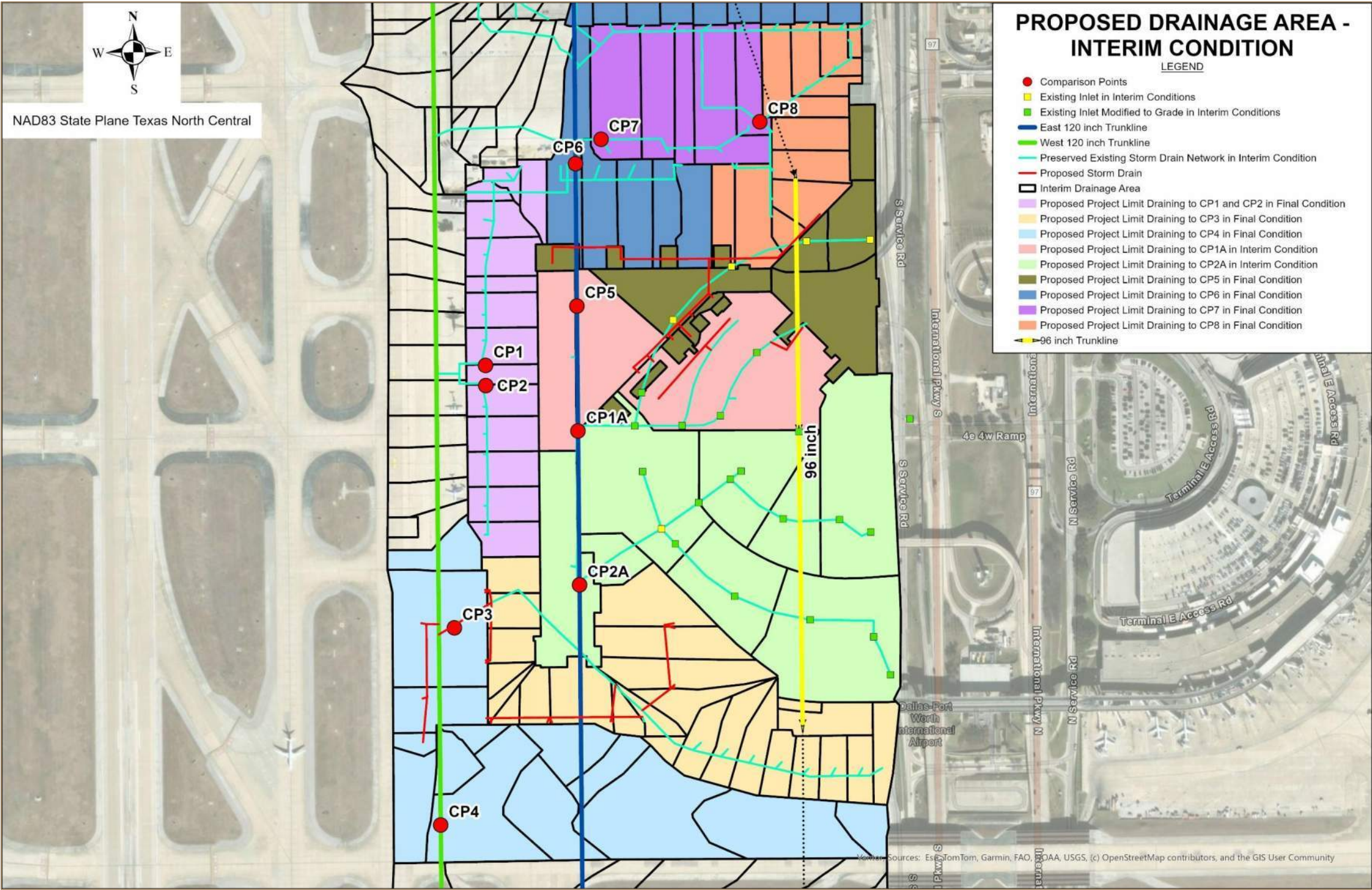
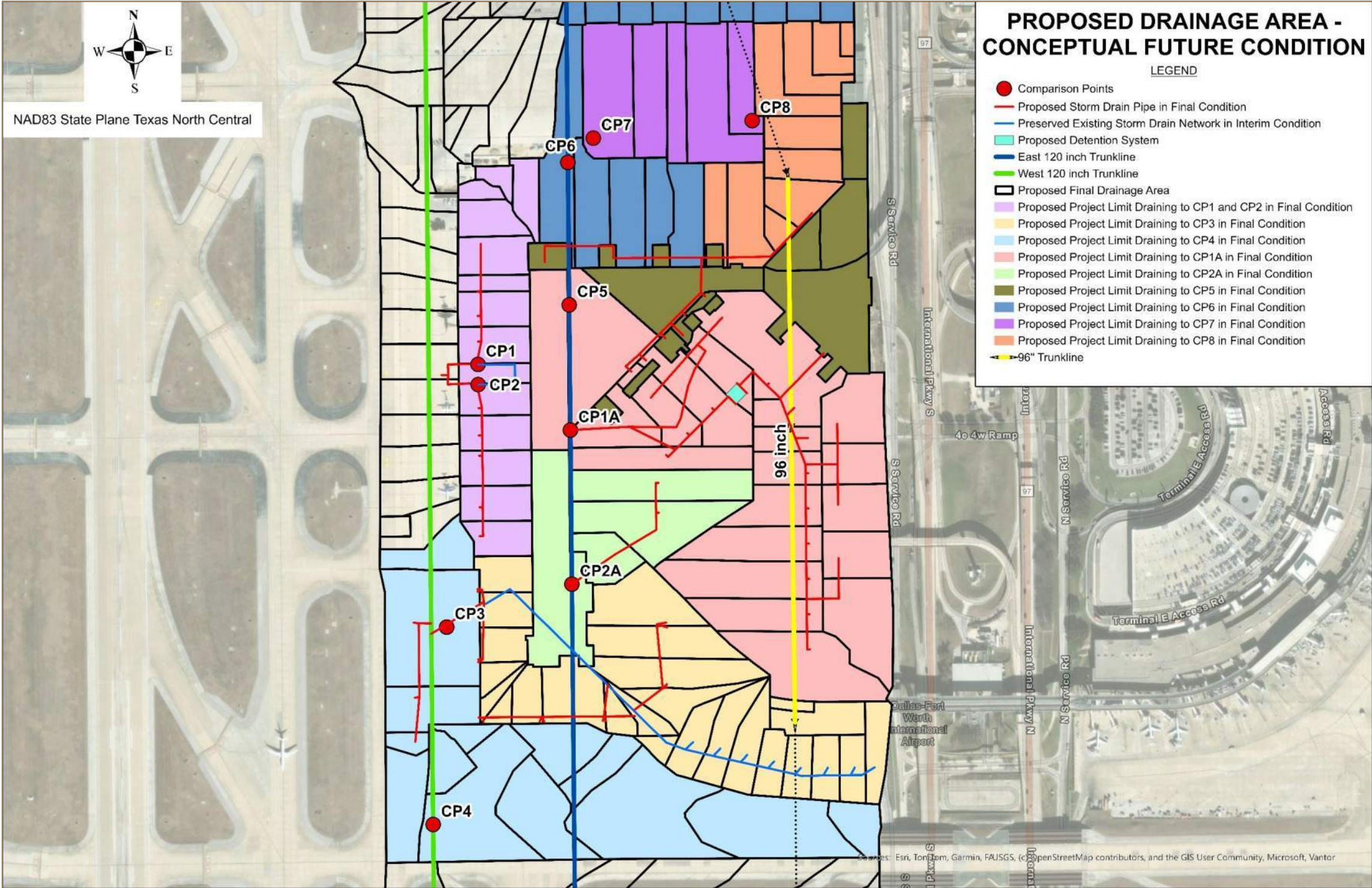


Figure 4. Interim Condition Drainage Areas



*This conceptual future analysis was completed on 2025-07-24. Since this initial work, the scope of this work was removed from Garver's contract and will be completed by others in the future. This is a conceptual analysis ONLY.

Figure 5. Conceptual Future Drainage Areas*

3.2 Runoff Calculation

3.2.1 Rational Method

Given the small size of the drainage areas (under 200 acres), the rational method is used for peak flow analysis presented in this report. This method estimates the peak flow rate at the watershed's outfall based on the size of the drainage area, the runoff coefficient, and the average rainfall intensity over a period corresponding to the time of concentration. Below is the formula used to calculate the peak flow using the rational method:

$$Q = C_f C I A$$

where:

- Q = maximum rate of runoff (cfs)
- C_f = frequency factor
- C = runoff coefficient
- I = average rainfall intensity for a duration equal to the t_c (in/hr)
- A = contributing drainage area (acres)

3.2.1.1 Runoff Coefficient, C

Peak flows are heavily dependent on a site's impervious cover. When compared to grass cover, pavement, roofs, and other impervious covers facilitate stormwater runoff, leading to higher peak flows. Conversely, grass cover helps absorb water, reducing runoff and peak flow rates. The runoff coefficient is an index representing the surface cover's ability to convey flow, and therefore it's likelihood to increase peak flows.

A runoff coefficient of 0.95 was used per the iSWM manual for driveways and roofs. The runoff coefficient was adjusted using a frequency factor for the corresponding return period as shown in Table 2. Where the adjusted value exceeded 1.0, the runoff coefficient was capped at the maximum allowable value of 1.0 per iSWM hydrology.

Table 2. Frequency Factors for Rational Formula

Recurrence Interval (years)	C_f
10 or less	1.0
25	1.1
50	1.2
100	1.25

3.2.1.2 Rainfall Intensity, I

Another major factor that determines peak flow is the storm intensity itself. This is based on the site's location (some areas receiving more rain than others) and the severity of the rain event (regular rain events being less intense than more rare ones). The National Oceanic and Atmospheric Administration (NOAA) publishes storm intensity values for all areas in the United States in their rainfall intensity-duration-frequency (IDF) tables, known as Atlas 14. Table 3 shows the precipitation intensity taken from Atlas 14 for DFW Airport. Table 4 shows rainfall depth data taken from Atlas 14 for the DFW airport.

Table 3. Atlas 14 Intensity Duration Frequency Data

Duration (min)	Intensity (in/hr)		
	1-YR	25-YR	100-YR
5	5.03	9.82	12.10
10	4.03	7.88	9.72
15	3.34	6.50	7.98
30	2.32	4.48	5.49
60	1.50	2.94	3.62
120	0.92	1.87	2.34
180	0.68	1.41	1.80
360	0.40	0.86	1.11
720	0.23	0.51	0.65
1440	0.14	0.30	0.38

Table 4. Atlas 14 Rainfall Depth Data

Duration (min)	Depth (in)		
	1-YR	25-YR	100-YR
5	0.42	0.82	1.01
10	0.67	1.31	1.62
15	0.84	1.62	2.00
30	1.16	2.24	2.74
60	1.50	2.94	3.62
120	1.84	3.73	4.69
180	2.04	4.25	5.40
360	2.40	5.16	6.64
720	2.81	6.11	7.88
1440	3.27	7.14	9.21

3.2.1.3 Time of Concentration, t_c

The storm intensity values used in calculating the peak flows depends on the time of concentration (t_c) of the drainage area— how long it takes for the hydrologically furthest point to drain to the inlet.

The minimum t_c value as defined by the iSWM hydrology manual is 10 minutes. This was used for all drainage areas.

3.2.2 EPA SWMM Hydrologic Model

DFW provided an existing conditions EPA SWMM model which was used for runoff hydrograph calculations and hydrologic modeling in SWMM. In this model, the Horton method which is based on empirical equations is used for infiltration. The same parameters used in the DFW model were applied to

the project area. For the subcatchment parameters, the proposed drainage area (DA) slope, area, and DA width were used. The DA width and slope were calibrated to have the subcatchment runoff matching the results obtained using the rational method. The proposed DA was assumed to be 100% impervious since the entire area will be developed. Appendix A presents the 100-year peak flows and subcatchment parameters from the EPA SWMM hydrologic model for the Existing Condition, Proposed Interim Condition, and the Conceptual Future Condition evaluated during the original analysis.

3.2.3 Proposed Detention Requirements

Based on the drainage areas shown in Figure 3 and Figure 5, and the drainage area summaries presented in Table 1, the *previously evaluated* proposed conceptual future condition resulted in increased runoff to the East 120" trunkline, primarily at CP1A. *At the time of that analysis*, the increase was primarily attributed to the redirection of runoff from the southern portion of the Express South Parking Area to outfall CP2A, as well as revisions to the drainage network that concentrated a larger portion of the Express South Parking Area runoff at CP1A. Under existing conditions, runoff from the Express South Parking Area was somewhat evenly distributed between CP1A and CP2A; however, the proposed conceptual future grading plan directed most of the runoff to CP1A. As a result, the drainage system discharging to CP1A (referred to as the North System) required mitigation to offset the increase in peak runoff rates associated with the proposed final paved condition. Using the modified DFW EPA SWMM model, a detention basin with approximately 3 ac-ft of storage was previously determined to be sufficient to mitigate these impacts (see Section 4.0). Alternatively, an additional connection to the existing 96" trunkline shown in the express south parking area and flowing to Bear Creek was identified as a potential means of providing relief to the system. Since the project has evolved and the final grading design is to be completed by others, these detention requirements should be considered representative only of the conceptual future condition evaluated at that time.

For the current interim condition, the site consists primarily of aggregate base material and maintains drainage patterns that generally follow existing conditions. Although the impact analysis conservatively assumes 100 percent impervious coverage, the available surface storage provided by localized ponding is sufficient to attenuate runoff and prevent adverse downstream impacts (see Section 4.0). Therefore, no detention structure is required for the interim condition.

In addition to the detention requirements discussed above, the proposed airfield developments must comply with the 2023 DFW Criteria Manual water quality requirements. Runoff requiring treatment will be diverted or detained by existing first-flush structures designed to capture the first 0.25" of runoff before discharging to the airport's existing Pre-Treatment Waste System. Required treatment volumes were evaluated in accordance with the iSWM Water Quality Manual, and the capacities of the existing structures were verified. The results of this evaluation are presented in Section **Error! Reference source not found.**

4.0 Hydraulics

4.1 Impact Analysis

The impact resulting from the implementation of all project packages will be evaluated in the following sections. This evaluation is divided into two parts: Section 4.1.1. Interim Condition, which analyzes the system's performance during the initial phase when the package 12 site is graded for a 4" aggregate base layer but not yet paved; and Section 0. Conceptual Future Condition, which presents the previously performed assessment of the fully developed condition with completed paving of package 12 and the final drainage network in place.

4.1.1 Interim Condition

Figure 4 presents the proposed overall drainage system layout in the interim condition. The interim condition in Package 12 aims to preserve the existing site conditions by maintaining original drainage patterns.

The DFW masterplan, as-built plans provided by DFW and project survey files were used to gather information about the existing system for this design. Most of the existing pipe system will be preserved within Package 12, and existing inlets will be supplemented as needed to drain the existing parking lot site. Appendix B provides hydraulic data analysis for this system.

The impact analysis was conducted using EPA SWMM, monitoring the system at designated comparison points throughout the project area. The received EPA SWMM model was modified to accurately represent existing conditions and then updated to incorporate the proposed improvements associated with the Terminal F Building, Package 5, Package 12, Package 14, and Package 20. The analysis focused on evaluating hydraulic performance, specifically flow rates and WSEL (water surface elevations) at CPs under proposed conditions.

Although the interim grading of the Package 12 area does not include paving, the analysis conservatively assumes 100% impervious surface coverage. For Package 12, the interim grading is designed to allow localized ponding at inlets for less than 24 hours. This localized ponding, occurring between Elev. 575 ft and Elev. 578 ft, provides sufficient storage to attenuate runoff and route flows through the system without the need for dedicated detention structures.

Results indicate that the proposed improvements do not adversely impact the existing drainage system. Packages 5, 12, 14 and 20 were monitored at CP1, CP2, CP3, CP4, CP1A, and CP2A, and demonstrated no adverse hydraulic impacts. Package 20 was also evaluated at CP5, CP6, CP7, and CP8. While increases in flow were observed at several CPs, the analyses showed no resulting adverse impacts to downstream system performance. At CP8, the downstream storm sewer system operates under surcharged conditions in both the existing and proposed scenarios, with the WSEL controlled by the rim elevation. Consequently, the pipe system flows full under both conditions, and the proposed improvements do not increase the peak WSEL or worsen existing conditions.

The summary of the impact analysis results from the EPA SWMM models are presented in Table 5 and Table 6 for existing vs. interim 100-year peak flow and WSEL respectively at the CPs and outfall. Peak WSELs remain below the ground elevations, which range from approximately 575 ft to 578 ft throughout

the project area. Although increases in flow and/or WSEL are observed at certain comparison points associated with Package 20, these changes do not result in adverse hydraulic impacts, with decreases in 100-year peak flow and WSEL at the outfall flowing to Bear Creek. The flow and head hydrographs at the CPs for existing vs. interim conditions are included in Appendix C. The hydraulic results from the EPA SWMM model for the pipes are presented in Appendix D.

Table 5. Existing Flow vs. Interim Flow at Control Points and Outfall

	100-year storm event			
	Tie-In Location	Existing Peak Flow (cfs)	Interim Peak Flow (cfs)	Flow Increase (cfs)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	50.83	33.36	-17.47
	CP2 (BC-BB-F3-16300-B0203)	57.84	35.96	-21.88
	CP3 (BC-BB-F3-17110-0102)	72.88	68.00	-4.88
	CP4 (BC-BB-F3-16200)	593.22	587.59	-5.63
	CP7 (BC-BB-F3-16330-0105)	95.91	72.32	-23.59
East 120" Trunkline	CP5 (BC-BB-F3-18908)	312.07	388.67	76.60
	CP6 (BC-BB-F3-18946)	357.98	427.67	69.69
	CP8 (SD2-J8)	42.63	52.55	9.92
	CP1A (BC-BB-F3-18900)	441.25	422.53	-18.72
	CP2A (BC-BB-F3-18890)	690.11	620.44	-69.67
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	1107.90	1075.57	-32.33
	Total Flow Change at CPs (Excluding Outfall)			-5.63

Table 6. Existing WSEL vs. Interim WSEL at Control Points and Outfall

100-year storm event				
	Tie-In Location	Existing Peak WSEL (ft)	Interim Peak WSEL (ft)	WSEL Increase (ft)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	575.12	574.45	-0.67
	CP2 (BC-BB-F3-16300-B0203)	575.23	574.59	-0.64
	CP3 (BC-BB-F3-17110-0102)	571.40	570.38	-1.02
	CP4 (BC-BB-F3-16200)	568.83	568.04	-0.79
	CP7 (BC-BB-F3-16330-0105)	576.70	576.40	-0.30
East 120" Trunkline	CP5 (BC-BB-F3-18908)	569.59	570.42	0.83
	CP6 (BC-BB-F3-18946)	570.49	571.23	0.74
	CP8 (SD2-J8)	581.42	581.74	0.32
	CP1A (BC-BB-F3-18900)	568.70	569.52	0.82
	CP2A (BC-BB-F3-18890)	567.15	567.92	0.77
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	554.44	554.44	0.00

Table 7. Existing WSEL vs. Interim Velocity at Control Points and Outfall

100-year storm event				
	Tie-In Location	Existing Peak Velocity (fps)	Interim Peak WSEL (fps)	Velocity Increase (fps)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	5.33	4.16	-1.17
	CP2 (BC-BB-F3-16300-B0203)	8.54	7.58	-0.96
	CP3 (BC-BB-F3-17110-0102)	10.93	10.93	0.00
	CP4 (BC-BB-F3-16200)	5.42	4.96	-0.46
	CP7 (BC-BB-F3-16330-0105)	6.08	4.55	-1.53
East 120" Trunkline	CP5 (BC-BB-F3-18908)	4.40	4.96	0.56
	CP6 (BC-BB-F3-18946)	4.98	5.06	0.08
	CP8 (SD2-J8)	5.46	5.33	-0.13
	CP1A (BC-BB-F3-18900)	7.83	5.12	-2.71
	CP2A (BC-BB-F3-18890)	8.28	7.03	-1.25
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	14.11	13.70	-0.41

4.1.2 Conceptual Future Condition

This section reflects the findings and assumptions at the time of the conceptual analysis and will be subject to change by the future design team.

Figure 5 shows the final drainage layout, maintaining the same tie-in points at CP1A and CP2A. The drainage pattern includes more area draining to CP1A as compared to interim conditions. The paving of the surface in final conditions results in the loss of the local ponding volume capacity which will be compensated by the options explained in this section. **A full evaluation of this option is to be completed by others in the future.**

A conceptual network of trench drains, inlets, and pipes were laid out in Package 12. Appendix B provides the hydraulic data analysis for this system. Although final sizing was not completed, an impact analysis performed in EPA SWMM following the same modeling approach as the interim condition showed that at the time of the analysis, the following options could mitigate impacts from the northern system:

- A 3-ac-ft detention pond, modeled to maintain post-development runoff rates at CP1A consistent with existing conditions.
- As an alternative to underground detention, a tie-in to the existing 96" pipe traversing the express south parking site could be made which eventually flow to Bear Creek.

A summary of the impact analysis results from the EPA SWMM models is presented in Table 8 and Table 9 for existing vs. conceptual future 100-year flow and WSEL respectively at the CPs and outfall. Based on the peak WSEL at the CPs, water surface elevations will remain below the ground elevation of 575 ft to 578 ft in the project area, though there is a rise in flow from existing to final conditions at CP1A. Overall, the conceptual future improvements do not result in adverse hydraulic impacts to downstream stormwater infrastructure flowing to Bear Creek. The flow and head hydrographs at the CPs for existing vs. conceptual future conditions are included in Appendix C. The hydraulic results from the EPA SWMM model for the pipes are presented in Appendix D.

Table 8. Existing Flow vs. Conceptual Future Flow at Control Points and Outfall

100-year storm event				
	Tie-In Location	Existing Peak Flow (cfs)	Conceptual Future Peak Flow (cfs)	Flow Increase (cfs)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	50.83	41.54	-9.29
	CP2 (BC-BB-F3-16300-B0203)	57.84	36.56	-21.28
	CP3 (BC-BB-F3-17110-0102)	72.88	19.20	-53.68
	CP4 (BC-BB-F3-16200)	593.22	574.29	-18.93
East 120" Trunkline	CP1A (BC-BB-F3-18900)	441.25	431.32	-9.93
	CP2A (BC-BB-F3-18890)	690.11	548.91	-141.20
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	1107.90	1057.15	-50.75
	Total Flow Change at CPs (Excluding Outfall)			-254.31

Table 9. Existing WSEL vs. Conceptual Future WSEL at Control Points and Outfall

100-year storm event				
	Tie-In Location	Existing Peak WSEL (ft)	Conceptual Future Peak WSEL (ft)	WSEL Increase (ft)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	575.12	574.02	-1.10
	CP2 (BC-BB-F3-16300-B0203)	575.23	574.00	-1.23
	CP3 (BC-BB-F3-17110-0102)	571.40	569.68	-1.72
	CP4 (BC-BB-F3-16200)	568.83	567.68	-1.15
East 120" Trunkline	CP1A (BC-BB-F3-18900)	568.70	568.80	0.10
	CP2A (BC-BB-F3-18890)	567.15	567.30	0.15
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	554.44	554.44	0.00

Table 10. Existing WSEL vs. Conceptual Future Velocity at Control Points and Outfall

100-year storm event				
	Tie-In Location	Existing Peak Velocity (fps)	Conceptual Future Peak Velocity (fps)	Velocity Increase (fps)
West 120" Trunkline	CP1 (BC-BB-F3-16300-B0107)	5.33	8.56	3.23
	CP2 (BC-BB-F3-16300-B0203)	8.54	6.33	-2.21
	CP3 (BC-BB-F3-17110-0102)	10.93	8.57	-2.36
	CP4 (BC-BB-F3-16200)	5.42	5.14	-0.28
East 120" Trunkline	CP1A (BC-BB-F3-18900)	7.83	8.56	0.73
	CP2A (BC-BB-F3-18890)	8.28	6.33	-1.95
Flowing to Bear Creek	Outfall (BC-BB-F3-12085)	14.11	13.46	-0.65

Comparison results for interim phase and conceptual future phase at all CPs prove that the proposed project will not have any adverse impact to the existing receiving system and should not adversely impact any existing FEMA flood zones.

4.2 Water Quality

An additional requirement of the 2023 DFW Design Criteria Manual is to capture and treat the first 0.25" of stormwater runoff and divert it away from the primary drainage system to the airport's existing Pre-Treatment Waste System (PTWS). This requirement is intended to provide capture and treatment of potential fuel spills and other hazardous materials associated with airport operations within the terminal areas.

Water quality calculations were performed in accordance with the procedures outlined in the iSWM Water Quality Manual to determine the required diversion volumes for the proposed drainage areas. Existing diversion and detention structures were evaluated to confirm that adequate system capacity remains available under proposed conditions.

Within Package 5, flow from drainage areas contributing to CP1, CP2, and CP3 is currently diverted or detained by existing structures connected to the West 120" trunkline. Under proposed conditions, no additional drainage area is directed toward these control points; therefore, the existing structure capacities are considered adequate. For the drainage area contributing to CP3, the required water quality treatment volume was calculated in accordance with the methodology presented in the iSWM Water Quality Manual. As summarized in Table 9, the proposed condition results in less than a 1 cfs increase in water quality discharge relative to existing conditions. EPA SWMM results show that, during the 100-year storm event, runoff is diverted to the first-flush line for approximately 10 hours before overflow is noticeably discharged to the storm sewer system. This is demonstrated by the hydrograph for conduit BC-BB-F3-17110-0102, which remains at zero flow until approximately 10 hours into the event, as shown in Appendix C.

Within Package 20, runoff is detained by two existing structures: the South Terminal D Detention Structure and the North Hardstand Detention Structure located north of the Terminal F Building. Water quality calculations for the drainage areas contributing to these structures are summarized in Table 10. For the South Terminal D Detention Structure, the required diversion volume increases by approximately 0.02 ac-ft from existing to proposed conditions; however, the required proposed diversion volume of 0.57 ac-ft remains below the available storage capacity of 0.76 ac-ft. Similarly, for the North Hardstand Detention Structure, the required diversion volume increases by approximately 0.01 ac-ft, resulting in a required proposed diversion volume of 0.12 ac-ft, which remains below the available storage capacity of 0.14 ac-ft. Model results indicate that overflow to the storm sewer system does not noticeably occur until approximately 10.5 hours into the 100-year storm event for the South Terminal D Detention Structure, as reflected by the SD6-12 storm sewer hydrograph presented in Appendix C. At the North Hardstand Detention Structure, the diversion pipe is set at nearly the same invert elevation as the storm sewer system. Consequently, flow begins in both systems at approximately the same time during the 100-year storm event, with noticeable flow occurring at approximately 9 hours in the diversion pipe and 10 hours in the storm sewer pipe. This behavior is reflected in the ST502 storm sewer hydrograph presented in Appendix C.

Based on the results of the analysis, the existing diversion and detention structures have sufficient capacity to accommodate the proposed development within Packages 5 and 20 while maintaining compliance with the water quality requirements of the 2023 DFW Criteria Manual.

Table 11. Package 5 First Flush Diversion Flow

Location	Drainage Area			% Impervious	Time of Concentration		Volumetric Runoff Coefficient	85% Annual Rainfall Event	Water Quality Protection Volume	Curve Number	Initial Abstract	Ia/P	Type II Rainfall Distribution Coefficients			Unit Peak Discharge	Water Quality Discharge
	Pervious (ac)	Impervious (ac)	Total (ac)		Tc (min)	Tc (hr)	Rv	P (in)	WQv (ac-ft)	CN	Ia (in)		C ₀	C ₁	C ₂	q _u (cfs/mi²/in)	Q _{wq} (cfs)
EXISTING CONDITIONS																	
Southside - Terminal F	2.2	14.499	16.664	87.0	10	0.17	0.83	0.25	0.29	98	0.041	0.16	2.527	-0.617	-0.15	800	6.02
PROPOSED CONDITIONS																	
Southside - Terminal F	0.0	16.677	16.677	100.0	10	0.17	0.95	0.25	0.33	98	0.041	0.16	2.527	-0.617	-0.15	800	6.88

Table 12. Package 20 First Flush Diversion Flow

Location	Drainage Area			% Impervious	Time of Concentration		Volumetric Runoff Coefficient	85% Annual Rainfall Event	Water Quality Protection Volume	Curve Number	Initial Abstract	Ia/P	Type II Rainfall Distribution Coefficients			Unit Peak Discharge	Water Quality Discharge
	Pervious (ac)	Impervious (ac)	Total (ac)		Tc (min)	Tc (hr)	Rv	P (in)	WQv (ac-ft)	CN	Ia (in)		C ₀	C ₁	C ₂	q _u (cfs/mi ² /in)	Q _{wq} (cfs)
EXISTING CONDITIONS																	
North Hardstand Detention	0.0	5.310	5.310	100.0	10	0.17	0.95	0.25	0.11	98	0.041	0.16	2.527	-0.617	-0.15	800	0.70
South Terminal D Detention	0.0	27.560	27.560	100.0	10	0.17	0.95	0.25	0.55	98	0.041	0.16	2.527	-0.617	-0.15	800	18.79
PROPOSED CONDITIONS																	
North Hardstand Detention	0.0	6.280	6.280	100.0	10	0.17	0.95	0.25	0.12	98	0.041	0.16	2.527	-0.617	-0.15	800	0.98
South Terminal D Detention	0.0	28.580	28.580	100.0	10	0.17	0.95	0.25	0.57	98	0.041	0.16	2.527	-0.617	-0.15	800	20.21



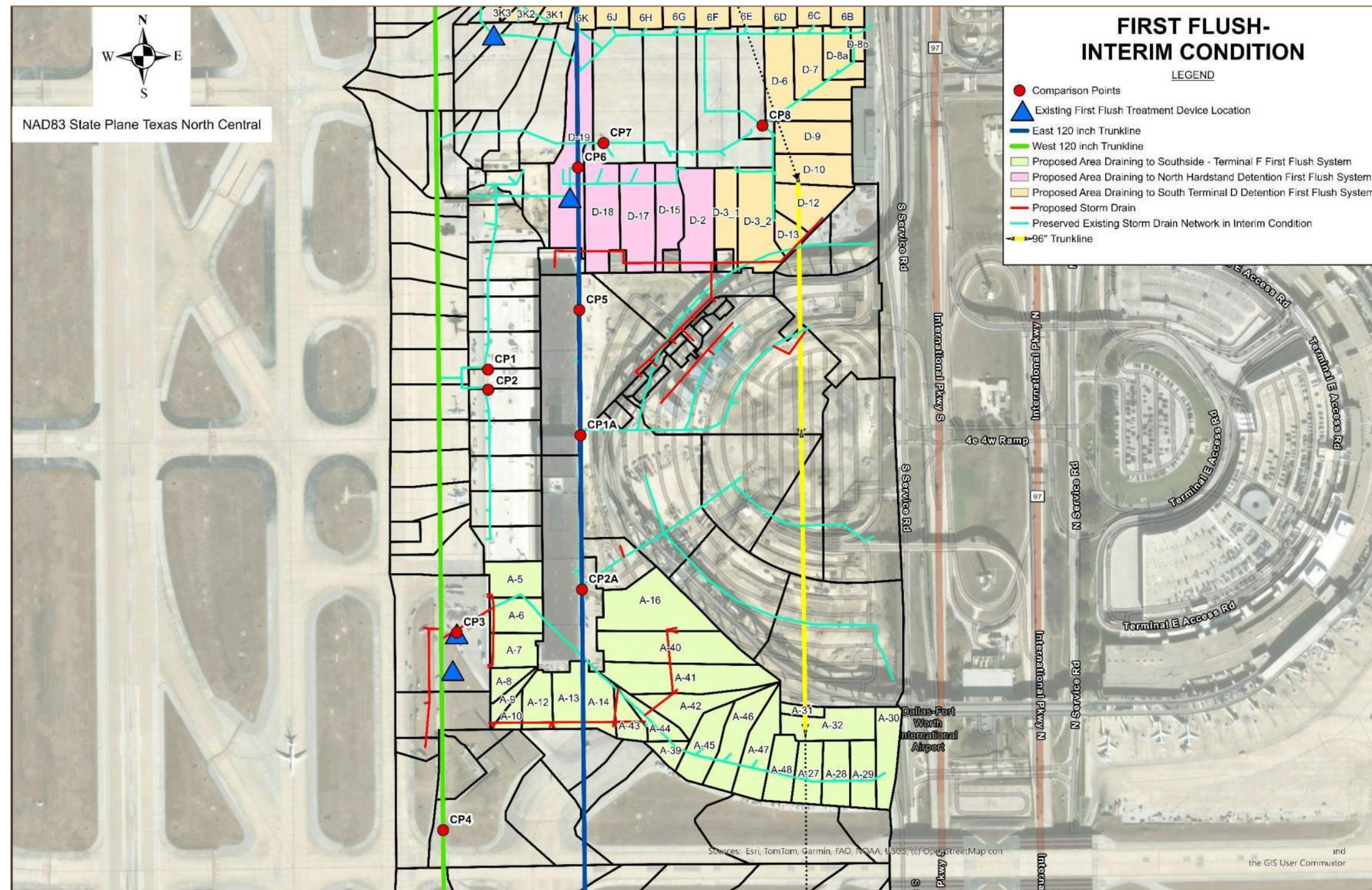


Figure 6. Interim Condition First Flush Layout

4.3 Streambank Protection Event

The increase in urban development or impervious area leads to an increase in both frequency and duration of runoff into stormwater infrastructure that eventually outfall into stream channels. To reduce the additional, if applicable, streambank erosion, widening, or downcutting of existing stream channels, a streambank protection criterion has been established. This criterion states to avoid increases in natural flows to downstream feeder streams, channels, ditches, and small streams, the designer must perform one or more of the following:

1. Determine whether acceptable downstream conditions exist – this can be achieved by determining the post-development velocity at the outfall of stormwater infrastructure and determining whether the receiving streams allowable velocity. If the downstream system is designed to accommodate the increase in post-development velocities, calculations be provided to support the increase to illustrate that the stream integrity will not be compromised.
2. Reinforce or stabilize the downstream receiving system – this can be achieved by reinforcing or stabilizing the downstream conveyance system. To do this, the proposed modifications must be designed to withstand the increased post-development velocities of all storm events (1-, 25-, and 100-year) so that they are equal to or less than the allowable velocity or predevelopment velocity of the downstream receiving stream. All calculations must be provided to support that downstream velocities do not exceed the allowable range of any downstream modification.
3. Install onsite stormwater controls to maintain existing downstream conditions – this can be achieved by detention either above ground or underground.
4. Provide onsite controlled release of the streambank protection volume – this can be achieved by either extended detention so that the post-development runoff generated by the 1-year 24-hour rainfall event to protect the downstream receiving streams.

Based on the analyses within this report from Package 5, 14, and 20, all peak water surface elevations and velocities are equal to or less than existing conditions. Therefore, there is no need for detention within these design packages and since the designs are less than or equal to existing conditions, there should not be any increases to the existing floodplains surrounding Bear Creek. For Package 12, a conceptual analysis was only completed based on Garver's design surface for the express south parking area. However, Package 12 was descoped from Garver's contract after this conceptual level analysis and will be designed by others in the future. Depending on the future contracts' design, the conceptual analysis results shown within this report are subject to change and will be determined at a later date.

4.4 Conveyance Event

The event is intended to provide protection for the health fare and wellness of the public while minimizing flood impacts, either onsite or downstream of a proposed development. This event utilizes the 25-year 24-hour rainfall event to determine if post development conditions are equal to or less than predevelopment conditions. Based on the analyses within this report from Package 5, 14, and 20, all peak water surface elevations and velocities are equal to or less than existing conditions. Since there are no increases, there should not be an increased threat to the traveling public's health or wellness based on the designs within these packages.

5.0 Recommendations

The recommendations contained within this report include the associated proposed stormwater infrastructure located within our design Packages 5, 14, and 20. These recommendations include various pipe sizes and lengths laid out within the associated networks. Within aircraft parking areas and gates, proposed trench drains are recommended that ultimately flow into the associated stormwater networks out falling to existing DFW stormwater trunklines located within each project area. All proposed stormwater infrastructure will be aircraft rated and therefore should be adequate for airside activities. Regarding Package 12, there are proposed recommendations contained herein that are based on a conceptual level design and grading of the existing express south parking area. However, this design package was removed from Garver's scope therefore, any recommendations shown herein are based on the conceptual grading and design at that time. Package 12 will be designed by others in the future and recommendations from future designs are forthcoming at an undetermined date.

6.0 Summary

The purpose of this report is to evaluate the hydraulic and water quality impacts of the proposed drainage improvements associated with Terminal F, including Packages 5, 12, 14, and 20. Although portions of the project area will ultimately transition from mixed pervious and impervious conditions to fully developed airfield facilities, the analyses presented herein focused on the current conceptual future improvements and interim conditions. Previous evaluations of a proposed final grading plan for Package 12 identified the potential need for approximately 3 ac-ft of detention storage or an additional connection to the existing 96" trunkline beneath the express south parking area out falling to Bear Creek to mitigate increased runoff; however, that concept is *to be finalized by others and will be determined at a later date*.

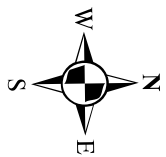
EPA SWMM modeling and water quality evaluations were performed to assess impacts at designated comparison points throughout the drainage system. Results indicate that the proposed improvements do not result in adverse hydraulic impacts to the existing downstream stormwater infrastructure which eventually discharges to Bear Creek. While increases in flow and water surface elevation were observed at several comparison points, the increases remain within the capacity of the existing system and a decrease in WSEL of 0.22 ft is observed at the model outfall in interim conditions based on the design developed from Package 5, 14, and 20. Due to this decrease, there are no adverse impacts to the existing FEMA floodplains located at the outfalls at Bear Creek and Trigg Lake. In addition, evaluations performed in accordance with the iSWM Water Quality Manual confirmed that the existing diversion and detention structures have sufficient capacity to accommodate the proposed development. Based on these findings, the proposed improvements are not expected to adversely impact the surrounding stormwater system.

7.0 Reference

- DFW Design Criteria Manual, June 2023
- DFW EPA SWMM models
- Dallas Fort Worth International Airport Stormwater Drainage Master Plan, Bear Creek and Grapevine Creek Studies, 2021
- Airport Drainage Design, Advisory Circular (AC) 150/5320-5D
- iSWM Technical Manual, Hydrology, Hydraulics, and Water Quality

Appendix A

EPASWMM Hydrology Model Results



OUTFALL LOCATION MAP

- Outfall
- Comparison Points
- Existing Storm

NAD83 State Plane Texas North Central

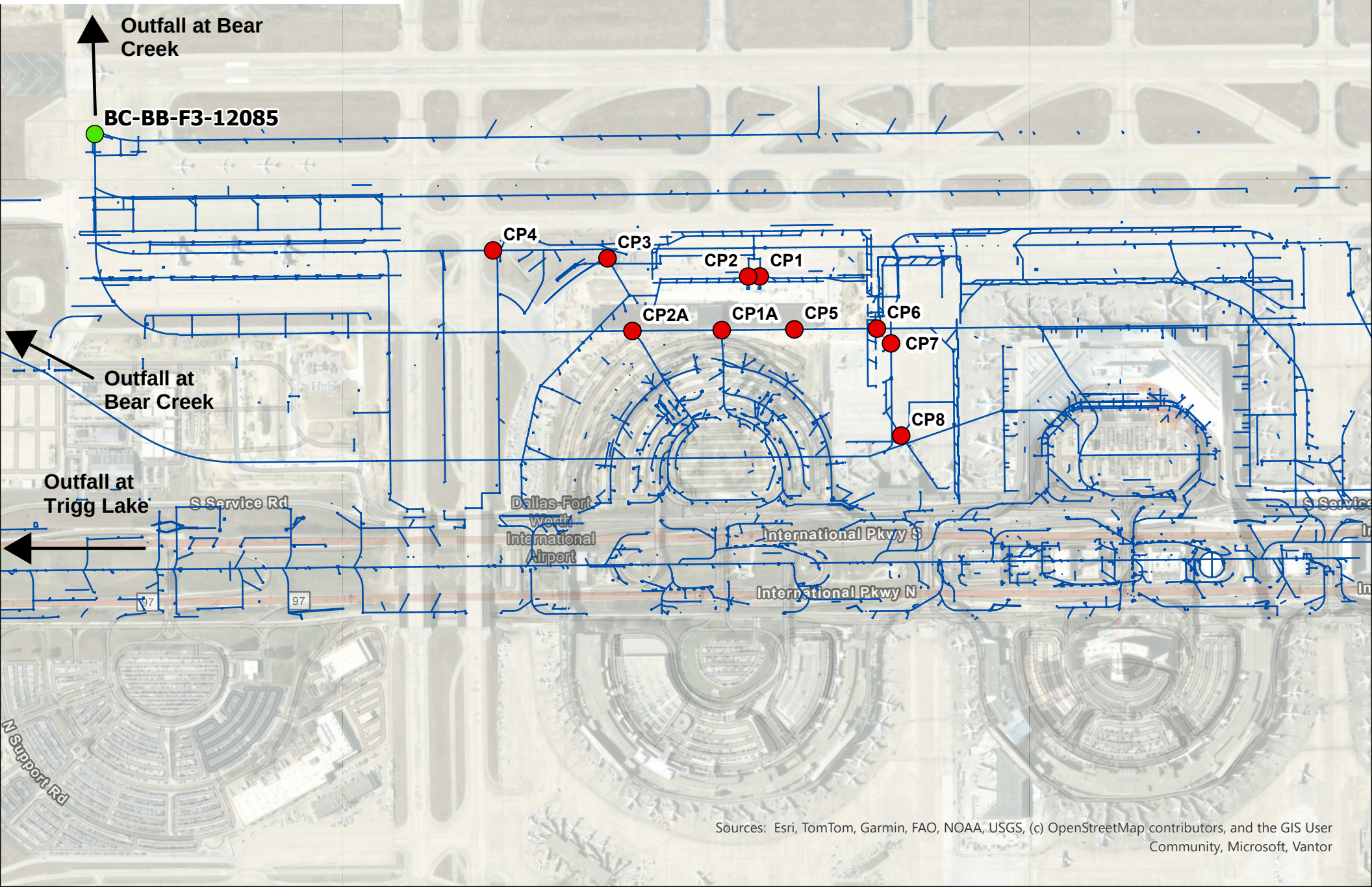


Table 1. Existing Conditions 100-Year Peak Flows and Subcatchment Parameters

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
6A	0.4779	35	0.3	5.18
6B	1.1223	54	0.3	10.99
6C	1.1046	54	0.3	10.87
6D	1.1212	54	0.3	10.98
6E	1.106	54	0.3	10.88
6F	1.1366	54	0.3	11.09
6G	1.0875	53	0.3	10.69
6H	1.1143	53	0.3	10.88
6J	1.0232	51	0.3	10.12
6K	0.4434	30	0.3	4.73
D-1	1.2822	60	0.3	12.46
D-10	0.768	37	0.3	7.54
D-11	0.6375	30	0.3	6.22
D-12	1.7669	86	0.3	17.65
D-13	0.2231	25	0.3	2.6
D-14	1.44	60	0.4	14.1
D-15	0.7697	38	0.3	7.59
D-16	2.1476	78	0.5	20.88
D-17	1.0862	51	0.3	10.56
D-18	1.1727	55	0.3	11.4
D-19	2.11	85	0.5	21.11
D-20	0.5944	29	0.3	5.84
D-21	0.2624	15	0.3	2.69
D-22	0.2403	30	0.3	2.84
D-23	0.717	35	0.3	7.05
D-4	4.13	150	0.5	40.15
D-5	0.99	47	0.3	9.66
D-6	1.2567	55	0.5	12.85
D-7	0.8925	43	0.3	8.74
D-8a	0.55	20	0.5	5.35
D-9	0.8157	45	0.3	8.29
HU-BC-BB-F3-16000	24.6	2709	0.74	300.62
HU-BC-BB-F3-16010	24.1	1158	3.86	235.75
HU-BC-BB-F3-16105	1.0604	147	2.58	11.28
HU-BC-BB-F3-16125	2.4199	229	1.87	20.81
HU-BC-BB-F3-16135	2.4615	261	1.9	21.37

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16145	0.5321	131	2.98	4.67
HU-BC-BB-F3-16193	2.0866	364	1.79	22.65
HU-BC-BB-F3-16195	3.6796	367	2.74	45.03
HU-BC-BB-F3-16207	0.676	228	4.61	7.38
HU-BC-BB-F3-16208	3.4477	361	2.73	29.43
HU-BC-BB-F3-16209	2.7696	200	1.55	19.45
HU-BC-BB-F3-16213	2.9629	379	1.7	27.41
HU-BC-BB-F3-16214	1.3485	254	2.07	14.88
HU-BC-BB-F3-16218	0.6631	195	4.14	6.89
HU-BC-BB-F3-16227	1.1252	167	0.87	14.11
HU-BC-BB-F3-16228	0.8004	116	0.83	10.01
HU-BC-BB-F3-16233	1.7393	270	1.93	22.18
HU-BC-BB-F3-16236	1.7608	250	3.05	15.14
HU-BC-BB-F3-16262	1.0644	217	2.62	11.74
HU-BC-BB-F3-16264	0.6595	166	3.62	6.88
HU-BC-BB-F3-16265	0.7821	182	2.76	8.14
HU-BC-BB-F3-16271	0.7991	175	0.98	10.16
HU-BC-BB-F3-16300-A0111	0.4003	90	0.57	5.03
HU-BC-BB-F3-16300-A0206	0.5862	177	0.8	7.5
HU-BC-BB-F3-16300-A0209	0.3058	111	0.81	3.93
HU-BC-BB-F3-16300-A0301	0.8717	225	0.61	11.05
HU-BC-BB-F3-16300-A0401	0.8352	217	0.62	10.6
HU-BC-BB-F3-16300-A0501	0.796	204	0.6	10.09
HU-BC-BB-F3-16300-A0601	0.8093	202	0.7	10.28
HU-BC-BB-F3-16300-A0701	0.8634	217	0.77	10.99
HU-BC-BB-F3-16300-A0801	0.7072	221	0.76	9.05
HU-BC-BB-F3-16300-A0901	1.2832	184	0.66	15.63
HU-BC-BB-F3-16300-A1002	0.5278	205	0.51	6.76
HU-BC-BB-F3-16300-A1101	0.8799	225	0.7	11.18
HU-BC-BB-F3-16300-A1201	0.7798	198	0.69	9.91
HU-BC-BB-F3-16300-A1301	0.8635	219	0.61	10.94
HU-BC-BB-F3-16300-A1401	0.7681	191	0.75	9.76
HU-BC-BB-F3-16300-A1501	0.1935	79	0.92	2.49
HU-BC-BB-F3-16300-A1601	0.7919	224	1	10.14
HU-BC-BB-F3-16300-A1702	0.1014	161	0.61	1.31
HU-BC-BB-F3-16300-B0211	1.1246	274	0.53	14.17
HU-BC-BB-F3-16300-B0213	0.4771	143	1.84	6.14
HU-BC-BB-F3-16300-B0301	0.8742	147	0.89	10.94

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16300-B0401	0.8997	152	0.87	11.26
HU-BC-BB-F3-16300-B0501	0.9108	153	0.86	11.39
HU-BC-BB-F3-16300-B0601	1.0151	149	0.82	12.53
HU-BC-BB-F3-16300-B0701	1.2116	151	0.84	14.73
HU-BC-BB-F3-16300-B1001	0.9152	155	0.86	11.45
HU-BC-BB-F3-16300-B1101	0.8868	150	0.86	11.09
HU-BC-BB-F3-16300-B1201	0.9149	155	0.85	11.44
HU-BC-BB-F3-16300-B1301	0.8918	151	0.81	11.13
HU-BC-BB-F3-16300-B1401	0.9017	152	0.82	11.26
HU-BC-BB-F3-16300-B1501	0.8663	146	0.72	10.76
HU-BC-BB-F3-16320-0109	1.16	211	0.75	14.51
HU-BC-BB-F3-16320-0201	0.8773	202	0.57	11.04
HU-BC-BB-F3-16320-0301	1.2412	264	0.65	15.61
HU-BC-BB-F3-16320-0404	0.16	51	3.69	2.06
HU-BC-BB-F3-16320-0501	0.1926	77	0.61	2.47
HU-BC-BB-F3-16320-0601	0.97	202	0.74	12.23
HU-BC-BB-F3-16320-0701	1.41	285	0.75	17.76
HU-BC-BB-F3-16320-0803	0.16	87	2.93	2.07
HU-BC-BB-F3-16330-0211	1.39	208	0.59	16.91
HU-BC-BB-F3-16330-0701	1.26	140	0.73	14.94
HU-BC-BB-F3-16330-0801	1.24	170	2.95	15.81
HU-BC-BB-F3-16330-0901	0.5381	154	0.56	6.84
HU-BC-BB-F3-16330-1001	0.1943	62	0.51	2.47
HU-BC-BB-F3-16330-1101	0.0439	33	0.5	0.57
HU-BC-BB-F3-16330-1202	0.38	68	0.75	4.75
HU-BC-BB-F3-16330-1402	0.18	46	0.75	2.29
HU-BC-BB-F3-16500	12.48	1000	0.63	146.14
HU-BC-BB-F3-16510	3.1	418	0.44	37.69
HU-BC-BB-F3-16600	13.3	1700	0.68	163.91
HU-BC-BB-F3-16630	1.1	255	0.78	13.98
HU-BC-BB-F3-16650	5.2	360	0.7	60.11
HU-BC-BB-F3-16670	6.4	959	0.71	79.82
HU-BC-BB-F3-16690	6.6	4146	2.45	85.2
HU-BC-BB-F3-16700	13.3	1406	1.49	161.04
HU-BC-BB-F3-16790	5.7	788	0.64	70.49
HU-BC-BB-F3-17000	20.4	1239	1.1	198.39
HU-BC-BB-F3-17110-0129	0.7186	175	1.89	9.24
HU-BC-BB-F3-17110-0201	1.9601	345	0.75	24.47

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-17110-0202	1.6844	271	0.71	20.83
HU-BC-BB-F3-17110-0401	0.3822	224	0.51	4.92
HU-BC-BB-F3-17110-0501	0.3721	245	0.47	4.79
HU-BC-BB-F3-17110-0601	0.4285	178	0.67	5.51
HU-BC-BB-F3-17110-0701	0.3729	256	1.34	4.81
HU-BC-BB-F3-17110-0801	0.3412	217	0.34	4.39
HU-BC-BB-F3-17110-0901	0.2966	152	1.23	3.83
HU-BC-BB-F3-17110-1001	0.2715	122	0.64	3.49
HU-BC-BB-F3-17110-1101	0.4498	156	1.1	5.79
HU-BC-BB-F3-17110-1103	0.7774	210	3.92	7.8
HU-BC-BB-F3-17110-1105	0.669	199	3.19	8.44
HU-BC-BB-F3-17110-1107	1.0628	171	2.51	10.26
HU-BC-BB-F3-17110-1109	0.5827	156	2.82	7.34
HU-BC-BB-F3-17110-1201	0.579	214	2.43	7.47
HU-BC-BB-F3-17110-1301	0.5162	187	1.2	6.65
HU-BC-BB-F3-17110-1401	0.5842	205	1.93	7.53
HU-BC-BB-F3-17110-1501	0.5716	199	1.96	7.37
HU-BC-BB-F3-17110-1503	1.368	214	1.88	12.17
HU-BC-BB-F3-17110-1505	0.7483	175	4.34	9.43
HU-BC-BB-F3-17110-1601	0.5459	188	0.49	6.98
HU-BC-BB-F3-17110-1701	0.5764	196	0.69	7.39
HU-BC-BB-F3-17110-1801	0.5587	186	2.36	7.2
HU-BC-BB-F3-17110-1901	0.2416	115	1.6	3.12
HU-BC-BB-F3-17300-0121	0.3742	67	5.04	4.82
HU-BC-BB-F3-17300-0206	1.0135	229	2.36	13.03
HU-BC-BB-F3-17300-0310	0.9361	335	2.72	12.08
HU-BC-BB-F3-17300-0311	0.8097	451	2.37	10.45
HU-BC-BB-F3-17300-0405	1.0838	348	2.67	13.97
HU-BC-BB-F3-17300-0503	0.3274	185	3.6	4.23
HU-BC-BB-F3-17300-0602	0.2498	225	5.69	3.23
HU-BC-BB-F3-17300-0605	0.2035	215	4.48	2.63
HU-BC-BB-F3-17300-0607	0.1213	121	19.57	1.57
HU-BC-BB-F3-17300-0703	0.128	39	1.87	1.65
HU-BC-BB-F3-17300-0801	0.244	209	3.06	3.15
HU-BC-BB-F3-17300-0915	0.3837	69	12.5	4.84
HU-BC-BB-F3-17300-1002	0.4512	324	2.48	5.83
HU-BC-BB-F3-17300-1003	0.1457	100	2.98	1.88
HU-BC-BB-F3-17300-1101	0.4208	83	3.83	5.42

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-17300-1201	0.8115	141	2.44	10.4
HU-BC-BB-F3-17300-1301	1.0434	332	0.65	13.36
HU-BC-BB-F3-17300-1402	0.2064	108	2.39	2.66
HU-BC-BB-F3-17300-1502	0.4015	134	1.75	5.17
HU-BC-BB-F3-17300-1601	0.8483	249	2.41	10.93
HU-BC-BB-F3-17300-1602	0.6328	150	3.14	8.15
HU-BC-BB-F3-17300-1702	0.2793	142	4.5	3.61
HU-BC-BB-F3-17300-1802	0.3022	150	3.69	3.9
HU-BC-BB-F3-17300-1903	1.7231	456	3.45	21.72
HU-BC-BB-F3-17300-2001	0.3139	124	1.74	4.05
HU-BC-BB-F3-17300-2102	0.3702	209	1.16	4.78
HU-BC-BB-F3-17300-2203	0.0982	68	2.21	1.27
HU-BC-BB-F3-17300-2301	0.4587	226	2.38	5.92
HU-BC-BB-F3-17300-2403	0.2883	181	1.67	3.72
HU-BC-BB-F3-17300-2502	0.3541	82	2.42	4.55
HU-BC-BB-F3-17300-2601	0.0769	64	3.75	0.99
HU-BC-BB-F3-17300-2701	0.3045	68	1.22	3.9
HU-BC-BB-F3-17300-2803	0.3459	189	1.41	4.46
HU-BC-BB-F3-17300-2806	0.338	122	4.04	4.36
HU-BC-BB-F3-17300-2901	0.1137	49	1.29	1.43
HU-BC-BB-F3-17300-3002	0.2005	103	5.7	2.59
HU-BC-BB-F3-17300-3101	0.1741	72	5.16	2.2
HU-BC-BB-F3-17300-3202	0.495	172	8.51	6.25
HU-BC-BB-F3-17300-3206	0.5001	140	14.73	6.31
HU-BC-BB-F3-17300-3301	0.4941	76	7.36	6.22
HU-BC-BB-F3-17300-3401	0.4587	117	2.56	5.77
HU-BC-BB-F3-17300-3501	0.1144	80	3.59	1.44
HU-BC-BB-F3-17300-3601	0.6325	152	6.16	7.98
HU-BC-BB-F3-17300-3702	0.4439	143	5.42	5.73
HU-BC-BB-F3-17300-3803	0.3604	211	1.61	4.65
HU-BC-BB-F3-17300-3901	0.2915	87	6.16	3.68
HU-BC-BB-F3-17300-4001	0.2528	109	3.09	3.26
HU-BC-BB-F3-17300-4101	0.2923	182	0.84	3.77
HU-BC-BB-F3-17300-4202	0.3397	157	2.98	4.38
HU-BC-BB-F3-17907	3.6906	318	1.92	33.24
HU-BC-BB-F3-18000	13.6	1126	1.73	121.39
HU-BC-BB-F3-18100-0117	0.4203	546	2.06	5.43
HU-BC-BB-F3-18100-0118	0.6786	387	1.55	8.76

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-18100-0201	0.3222	111	3.05	4.16
HU-BC-BB-F3-18100-0310	0.3184	183	1.99	4.11
HU-BC-BB-F3-18100-0323	0.6	287	13.08	7.58
HU-BC-BB-F3-18100-0401	0.2861	151	2.48	3.69
HU-BC-BB-F3-18100-0501	0.8556	243	1.97	11.02
HU-BC-BB-F3-18100-0601	0.3665	214	0.76	4.73
HU-BC-BB-F3-18100-0702	0.6284	200	2.65	8.1
HU-BC-BB-F3-18100-0801	0.419	188	2.77	5.41
HU-BC-BB-F3-18100-1001	0.5448	160	2.99	7.02
HU-BC-BB-F3-18100-1102	0.4385	175	2.87	5.66
HU-BC-BB-F3-18100-1201	0.7346	176	2.2	9.45
HU-BC-BB-F3-18100-1301	0.2206	131	1.89	2.85
HU-BC-BB-F3-18100-1408	0.5186	268	21.53	6.7
HU-BC-BB-F3-18100-1415	0.2596	189	0.89	3.35
HU-BC-BB-F3-18100-1501	0.1653	115	1.47	2.13
HU-BC-BB-F3-18100-1601	0.3708	150	3.03	4.79
HU-BC-BB-F3-18100-1701	0.6738	160	1.06	8.62
HU-BC-BB-F3-18100-1801	0.1478	64	1.72	1.91
HU-BC-BB-F3-18100-1905	0.4326	156	4.52	5.58
HU-BC-BB-F3-18100-2007	0.4628	80	1.08	5.73
HU-BC-BB-F3-18100-2101	0.2945	108	5.16	3.72
HU-BC-BB-F3-18100-2204	0.3236	108	8.82	4.09
HU-BC-BB-F3-18100-2206	0.6266	161	8.17	7.91
HU-BC-BB-F3-18100-2301	0.3984	113	2.6	5.13
HU-BC-BB-F3-18100-2401	0.7628	214	2.07	9.8
HU-BC-BB-F3-18100-2501	0.5221	210	1.43	6.73
HU-BC-BB-F3-18100-2601	0.1295	99	4.58	1.67
HU-BC-BB-F3-18100-2701	0.1755	113	8.12	2.27
HU-BC-BB-F3-18100-2802	0.1439	199	5.36	1.86
HU-BC-BB-F3-18100-2804	0.0699	74	8.65	0.9
HU-BC-BB-F3-18100-2901	0.2042	120	5.91	2.64
HU-BC-BB-F3-18100-3001	0.0472	66	15.13	0.61
HU-BC-BB-F3-18100-3101	0.2137	182	17.49	2.76
HU-BC-BB-F3-18100-3201	0.2199	150	3.34	2.84
HU-BC-BB-F3-18100-3301	0.4155	231	6.14	5.36
HU-BC-BB-F3-18100-3401	0.3445	225	3.13	4.45
HU-BC-BB-F3-18100-3501	0.273	188	1.34	3.52
HU-BC-BB-F3-18100-3601	0.2275	145	1.18	2.94

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-18100-3701	0.1705	108	0.83	2.2
HU-BC-BB-F3-18100-3801	0.4527	76	1.72	5.78
HU-BC-BB-F3-18100-3901	0.5156	84	1.81	6.93
HU-BC-BB-F3-18100-4001	0.4085	68	1.41	5.2
HU-BC-BB-F3-18100-4101	0.3257	150	13.23	4.11
HU-BC-BB-F3-18892	1.0731	245	2.45	13.81
HU-BC-BB-F3-18895	0.2009	107	6.35	2.59
HU-BC-BB-F3-18898	0.2331	98	5.25	3.01
HU-BC-BB-F3-18903	0.2303	101	6.99	2.97
HU-BC-BB-F3-18906	0.253	107	6.9	3.27
HU-BC-BB-F3-18909	0.4429	168	5.63	5.72
HU-BC-BB-F3-18912	0.4426	222	3.95	5.71
HU-BC-BB-F3-19000	9.43	2100	1.82	121.03
HU-BC-BB-F3-19100	4.1	924	3.01	52.8
HU-BC-BB-F3-19110	0.9	624	1.92	11.62
HU-BC-BB-F3-19112	2	637	1.64	25.75
HU-BC-BB-F3-19120	1.5	852	2.51	19.36
HU-BC-BB-F3-19200	5.6	1088	3.28	72.06
HU-BC-BB-F3-19300	1.7	458	6.35	21.94
HU-BC-BB-F3-20000	8.1	2881	2.4	104.49
HU-BC-BB-F3-20100	3.6	777	4.92	46.41
HU-BC-BB-F3-20200	0.9	189	3.53	11.21
HU-BC-BB-F3-21000	3.5	958	2.72	45.1
HU-BC-BB-F3-21100	2.9	562	4.56	37.35
D-8b	0.15	6	0.5	1.5
TOTAL	357.95			

Table 2. Proposed Interim Conditions 100-Year Peak Flows and Subcatchment Parameters

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
6B	1.12	54	0.3	10.97
6C	1.1	54	0.3	10.83
6D	1.12	54	0.3	10.97
6E	1.11	54	0.3	10.9
6F	1.14	54	0.3	11.11
6G	1.09	53	0.3	10.71
6H	1.11	52	0.3	10.79

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
6J	1.02	51	0.3	10.1
6K	0.44	30	0.3	4.7
A-1	3.541	130	0.5	34.53
A-12	0.519	25	0.3	5.08
A-33	0.324	113	3.05	3.32
A-11a	3.9	50	0.3	24.83
A-11b	7.1	50	0.3	34.02
A-13	0.607	30	0.3	5.99
A-14	0.581	29	0.3	5.75
A-43	0.346	17	0.3	3.41
A-44	0.389	20	0.3	3.88
A-17	0.9	44	0.3	8.85
A-18	0.38	23	0.3	3.95
A-19	0.81	45	0.3	8.24
A-2	1.255	60	0.3	12.27
A-20	0.84	45	0.3	8.47
A-21	0.46	23	0.3	4.55
A-22	0.73	40	0.3	7.4
A-23	0.8	40	0.3	7.92
A-24	0.8	40	0.3	7.92
A-25	0.8	40	0.3	7.92
A-26	0.7	40	0.3	7.18
A-30	0.696	33	0.3	6.79
A-29	0.559	27	0.3	5.48
A-3	0.262	13	0.3	2.59
A-28	0.577	27	0.3	5.61
A-27	0.546	26	0.3	5.33
A-48	0.572	27	0.3	5.57
A-32	0.86	41	0.3	8.4
A-31	0.15	24	0.3	1.82
A-47	0.856	41	0.3	8.37
A-46	0.897	42	0.3	8.72
A-45	0.709	34	0.3	6.94
A-39	0.226	11	0.3	2.22
A-42	0.756	36	0.3	7.38
A-5	0.634	31	0.3	6.24
A-41	1.448	55	0.5	14.26
A-40	1.429	56	0.5	14.19

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
A-16	1.51	71	0.3	14.69
A-15	0.819	40	0.3	8.05
A-6	0.596	28	0.3	5.8
A-7	0.532	25	0.3	5.18
A-36	1.128	233	0.87	14.33
A-8	0.278	13	0.3	2.7
A-37	0.733	95	0.83	9.1
A-9	0.202	10	0.3	1.99
A-10	0.203	10	0.3	2
D-1	0.87	41	0.3	8.47
D-10	0.77	37	0.3	7.54
D-11	0.61	30	0.3	6.01
D-12	0.79	39	0.3	7.79
D-13	0.29	15	0.3	2.9
D-14	1.44	60	0.4	14.1
D-15	0.78	38	0.3	7.67
D-16	2.15	78	0.5	20.89
D-17	1.19	56	0.3	11.58
D-18	1.22	59	0.3	11.96
D-19	2	80	0.5	19.97
D-2	1.09	53	0.3	10.71
D-20	0.59	29	0.3	5.81
D-21	0.26	15	0.3	2.67
D-22	0.24	30	0.3	2.84
D-23	0.72	35	0.3	7.07
D-3_2	1.27	60	0.3	12.37
D-4	2.31	80	0.5	22.15
D-5	0.99	47	0.3	9.66
D-6	1.26	55	0.5	12.87
D-7	0.89	43	0.3	8.73
D-8a	0.55	20	0.5	5.35
D-9	0.82	38	0.3	7.94
HU-BC-BB-F3-16000	24.6	2709	0.74	300.62
HU-BC-BB-F3-16010	24.1	1158	3.86	235.75
HU-BC-BB-F3-16105	1.0604	147	2.58	11.28
HU-BC-BB-F3-16125	2.4199	229	1.87	20.81
HU-BC-BB-F3-16135	2.4615	261	1.9	21.37
HU-BC-BB-F3-16145	0.5321	131	2.98	4.67

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16193	2.0866	364	1.79	22.65
HU-BC-BB-F3-16195	3.6796	367	2.74	45.03
HU-BC-BB-F3-16207	0.676	228	4.61	7.38
HU-BC-BB-F3-16208	3.4477	361	2.73	29.43
HU-BC-BB-F3-16209	2.7696	200	1.55	19.45
HU-BC-BB-F3-16213	2.961	379	1.7	27.4
HU-BC-BB-F3-16214	1.3485	254	2.07	14.88
A-4	0.6631	195	4.14	6.89
HU-BC-BB-F3-16233	1.7393	270	1.93	22.18
HU-BC-BB-F3-16300-A0111	0.4003	90	0.57	5.03
HU-BC-BB-F3-16300-A0206	0.5862	177	0.8	7.5
HU-BC-BB-F3-16300-A0301	0.8717	225	0.61	11.05
HU-BC-BB-F3-16300-A0401	0.8352	217	0.62	10.6
HU-BC-BB-F3-16300-A0501	0.796	204	0.6	10.09
HU-BC-BB-F3-16300-A0601	0.8093	202	0.7	10.28
HU-BC-BB-F3-16300-A0701	0.8634	217	0.77	10.99
HU-BC-BB-F3-16300-A0801	0.7072	221	0.76	9.05
HU-BC-BB-F3-16300-A0901	1.2832	184	0.66	15.63
HU-BC-BB-F3-16300-A1002	0.5278	205	0.51	6.76
HU-BC-BB-F3-16300-A1101	0.8799	225	0.7	11.18
HU-BC-BB-F3-16300-A1201	0.7798	198	0.69	9.91
HU-BC-BB-F3-16300-A1301	0.8635	219	0.61	10.94
HU-BC-BB-F3-16300-A1401	0.7681	191	0.75	9.76
HU-BC-BB-F3-16300-A1501	0.1935	79	0.92	2.49
HU-BC-BB-F3-16300-A1601	0.907	224	1	11.58
HU-BC-BB-F3-16300-A1702	0.1	150	0.61	1.29
HU-BC-BB-F3-16320-0109	0.995	211	0.75	12.56
HU-BC-BB-F3-16320-0201	0.8773	202	0.57	11.04
HU-BC-BB-F3-16320-0301	1.2412	264	0.65	15.61
HU-BC-BB-F3-16320-0404	0.1591	51	3.69	2.05
HU-BC-BB-F3-16320-0501	0.1926	77	0.61	2.47
HU-BC-BB-F3-16320-0601	0.9709	202	0.74	12.24
HU-BC-BB-F3-16320-0701	1.3498	285	0.75	17.04
HU-BC-BB-F3-16320-0803	0.1568	87	2.93	2.02
HU-BC-BB-F3-16330-0211	1.4695	208	0.59	17.75
HU-BC-BB-F3-16330-0701	1.25	140	0.73	14.84
HU-BC-BB-F3-16330-0801	1.24	170	2.95	15.81
HU-BC-BB-F3-16330-0901	0.44	140	0.56	5.61

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16330-1001	0.1943	62	0.51	2.47
HU-BC-BB-F3-16330-1101	0.0439	33	0.5	0.57
HU-BC-BB-F3-16330-1202	0.3576	68	0.75	4.49
HU-BC-BB-F3-16330-1402	0.106	46	0.75	1.36
HU-BC-BB-F3-16500	21.54	1860	0.63	254.64
HU-BC-BB-F3-16510	3.1	418	0.44	37.69
HU-BC-BB-F3-16600	14.4	1844	0.68	177.49
HU-BC-BB-F3-16630	1.1	255	0.78	13.98
HU-BC-BB-F3-16650	5.2	360	0.7	60.11
HU-BC-BB-F3-16670	6.4	959	0.71	79.82
HU-BC-BB-F3-16690	6.6	4146	2.45	85.2
HU-BC-BB-F3-16700	13.3	1406	1.49	161.04
HU-BC-BB-F3-16790	5.7	788	0.64	70.49
HU-BC-BB-F3-17000	20.4	1239	1.1	198.39
HU-BC-BB-F3-17907	3.6906	318	1.92	33.24
HU-BC-BB-F3-18000	13.6	1126	1.73	121.39
HU-BC-BB-F3-19000	11	2399	1.82	121.03
HU-BC-BB-F3-19100	4.1	924	3.01	52.8
HU-BC-BB-F3-19110	0.9	624	1.92	11.62
HU-BC-BB-F3-19112	2	637	1.64	25.75
HU-BC-BB-F3-19120	1.5	852	2.51	19.36
HU-BC-BB-F3-19200	5.6	1088	3.28	72.06
HU-BC-BB-F3-19300	1.7	458	6.35	21.94
HU-BC-BB-F3-20000	8.1	2881	2.4	104.49
HU-BC-BB-F3-20100	3.6	777	4.92	46.41
HU-BC-BB-F3-20200	0.9	189	3.53	11.21
HU-BC-BB-F3-21000	3.5	958	2.72	45.1
HU-BC-BB-F3-21100	2.9	562	4.56	37.35
P01_1	1.16	60	0.5	12
P01_2	0.59	20	0.5	8.45
P01_3	2.67	100	0.5	26.47
P02_1	3.1	20	0.3	14.17
P02_2	2.2	20	0.3	12
P03	6.02	300	0.3	59.54
P04	4.98	240	0.3	48.79
P05	1.79	95	0.27	17.75
P06	2.863	140	0.3	28.17
P07	4.75	230	0.3	46.6

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
P08	2.653	125	0.3	25.83
P09	5.146	250	0.3	50.53
PP14_B1	0	10	0.5	16.81
PP14_B2	2.1	20	0.3	0.84
PP14_B3	0.16	100	5	13.12
PP14_B4	0.3	1.1	0.1	0.84
PP14_B5	1.6	20	0.3	0.3
PP20_B1	0.14	100	5	1.55
PP20_B2	0.14	100	5	1.68
PP20_B3	0.13	100	5	1.68
PP20_B4	0.17	100	5	2.58
PP20_T1	0.07	5	0.2	0.91
Rail1	0.27	13	0.3	2.64
Rail2	0.27	13	0.3	2.64
D-8b	0.15	6	0.5	1.5
D-3_1	0.65	32	0.3	6.41
PP20_T2	0.03	3	0.2	1.03
Area_To_Line3	0	500	0.5	108.33
TOTAL	378.004			

Table 3. Proposed Final Conditions 100-Year Peak Flows and Subcatchment Parameters

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
A-1	3.541	130	0.5	34.53
A-10	0.203	10	0.3	2
A-12	0.519	25	0.3	5.08
A-13	0.607	30	0.3	5.99
A-14	0.581	29	0.3	5.75
A-15	0.819	40	0.3	8.05
A-16	1.51	71	0.3	14.69
A-18	1.429	56	0.5	14.19
A-19	1.448	55	0.5	14.26
A-2	1.255	60	0.3	12.27
A-20	0.756	36	0.3	7.38
A-21	0.346	17	0.3	3.41
A-22	0.389	20	0.3	3.88
A-23	0.709	34	0.3	6.94
A-24	0.897	42	0.3	8.72

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
A-25	0.856	41	0.3	8.37
A-26	0.572	27	0.3	5.57
A-27	0.546	26	0.3	5.33
A-28	0.577	27	0.3	5.61
A-29	0.559	27	0.3	5.48
A-3	0.262	13	0.3	2.59
A-30	0.696	33	0.3	6.79
A-31	0.15	24	0.3	1.82
A-32	0.86	41	0.3	8.4
A-33	0.324	113	3.05	3.32
A-36	1.128	233	0.87	14.33
A-37	0.733	95	0.83	9.1
A-39	0.226	11	0.3	2.22
A-5	0.63	31	0.3	6.21
A-6	0.597	28	0.3	5.8
A-7	0.533	25	0.3	5.18
A-8	0.278	13	0.3	2.7
A-9	0.202	10	0.3	1.99
HU-BC-BB-F3-16000	24.6	2709	0.74	300.62
HU-BC-BB-F3-16010	24.1	1158	3.86	235.75
HU-BC-BB-F3-16105	1.0604	147	2.58	11.28
HU-BC-BB-F3-16125	2.4199	229	1.87	20.81
HU-BC-BB-F3-16135	2.4615	261	1.9	21.37
HU-BC-BB-F3-16145	0.5321	131	2.98	4.67
HU-BC-BB-F3-16193	2.0866	364	1.79	22.65
HU-BC-BB-F3-16195	3.6796	367	2.74	45.03
HU-BC-BB-F3-16207	0.676	228	4.61	7.38
HU-BC-BB-F3-16208	3.4477	361	2.73	29.43
HU-BC-BB-F3-16209	2.7696	200	1.55	19.45
HU-BC-BB-F3-16213	2.961	379	1.7	27.4
HU-BC-BB-F3-16214	1.3485	254	2.07	14.88
HU-BC-BB-F3-16218	0.6631	178	4.14	8.55
HU-BC-BB-F3-16233	1.7393	270	1.93	22.18
HU-BC-BB-F3-16300-A0111	0.4003	90	0.57	5.03
HU-BC-BB-F3-16300-A0206	0.5862	177	0.8	7.5
HU-BC-BB-F3-16300-A0301	0.8717	225	0.61	11.05
HU-BC-BB-F3-16300-A0401	0.8352	217	0.62	10.6
HU-BC-BB-F3-16300-A0501	0.796	204	0.6	10.09

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16300-A0601	0.8093	202	0.7	10.28
HU-BC-BB-F3-16300-A0701	0.8634	217	0.77	10.99
HU-BC-BB-F3-16300-A0801	0.7072	221	0.76	9.05
HU-BC-BB-F3-16300-A0901	1.2832	184	0.66	15.63
HU-BC-BB-F3-16300-A1002	0.5278	205	0.51	6.76
HU-BC-BB-F3-16300-A1101	0.8799	225	0.7	11.18
HU-BC-BB-F3-16300-A1201	0.7798	198	0.69	9.91
HU-BC-BB-F3-16300-A1301	0.8635	219	0.61	10.94
HU-BC-BB-F3-16300-A1401	0.7681	191	0.75	9.76
HU-BC-BB-F3-16300-A1501	0.1935	79	0.92	2.49
HU-BC-BB-F3-16300-A1601	0.907	224	1	11.58
HU-BC-BB-F3-16300-A1702	0.1292	161	0.61	1.67
HU-BC-BB-F3-16300-B0116	1.0501	178	0.6	12.95
HU-BC-BB-F3-16300-B0211	0.7	40	0.3	7.18
HU-BC-BB-F3-16300-B0301	0.46	23	0.3	4.55
HU-BC-BB-F3-16300-B0401	0.84	45	0.3	8.47
HU-BC-BB-F3-16300-B0501	0.81	45	0.3	8.24
HU-BC-BB-F3-16300-B0601	0.38	23	0.3	3.95
HU-BC-BB-F3-16300-B0701	0.67	35	0.3	6.71
HU-BC-BB-F3-16300-B0801	0.8947	151	0.84	11.18
HU-BC-BB-F3-16300-B0901	0.925	156	0.86	11.57
HU-BC-BB-F3-16300-B1101	0.73	40	0.3	7.4
HU-BC-BB-F3-16300-B1201	0.8	40	0.3	7.92
HU-BC-BB-F3-16300-B1301	0.8	40	0.3	7.92
HU-BC-BB-F3-16300-B1501	0.8	40	0.3	7.92
HU-BC-BB-F3-16320-0109	0.995	211	0.75	12.56
HU-BC-BB-F3-16320-0201	0.8773	202	0.57	11.04
HU-BC-BB-F3-16320-0301	1.2412	264	0.65	15.61
HU-BC-BB-F3-16320-0404	0.1591	51	3.69	2.05
HU-BC-BB-F3-16320-0501	0.1926	77	0.61	2.47
HU-BC-BB-F3-16320-0601	0.9709	202	0.74	12.24
HU-BC-BB-F3-16320-0701	1.3498	285	0.75	17.04
HU-BC-BB-F3-16320-0803	0.1568	87	2.93	2.02
HU-BC-BB-F3-16330-0211	1.4695	208	0.59	17.75
HU-BC-BB-F3-16330-0301	2.329	277	2.23	29.11
HU-BC-BB-F3-16330-0602	1.371	154	0.85	16.49
HU-BC-BB-F3-16330-0603	0.1011	69	7.01	1.3
HU-BC-BB-F3-16330-0701	1.353	176	0.73	16.39

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
HU-BC-BB-F3-16330-0801	1.0808	164	2.95	13.82
HU-BC-BB-F3-16330-0901	0.5381	154	0.56	6.84
HU-BC-BB-F3-16330-1001	0.1943	62	0.51	2.47
HU-BC-BB-F3-16330-1101	0.0439	33	0.5	0.57
HU-BC-BB-F3-16330-1202	0.3576	68	0.75	4.49
HU-BC-BB-F3-16330-1302	0.0915	63	0.89	1.18
HU-BC-BB-F3-16330-1402	0.106	46	0.75	1.36
HU-BC-BB-F3-16500	21	1851	0.63	248.87
HU-BC-BB-F3-16510	3.1	418	0.44	37.69
HU-BC-BB-F3-16600	14.4	1844	0.68	177.49
HU-BC-BB-F3-16630	1.1	255	0.78	13.98
HU-BC-BB-F3-16650	5.2	360	0.7	60.11
HU-BC-BB-F3-16670	6.4	959	0.71	79.82
HU-BC-BB-F3-16690	6.6	4146	2.45	85.2
HU-BC-BB-F3-16700	13.3	1406	1.49	161.04
HU-BC-BB-F3-16790	5.7	788	0.64	70.49
HU-BC-BB-F3-17000	20.4	1239	1.1	198.39
HU-BC-BB-F3-17907	3.6906	318	1.92	33.24
HU-BC-BB-F3-18000	13.6	1126	1.73	121.39
HU-BC-BB-F3-19000	11	2399	1.82	141.14
HU-BC-BB-F3-19100	4.1	924	3.01	52.8
HU-BC-BB-F3-19110	0.9	624	1.92	11.62
HU-BC-BB-F3-19112	2	637	1.64	25.75
HU-BC-BB-F3-19120	1.5	852	2.51	19.36
HU-BC-BB-F3-19200	5.6	1088	3.28	72.06
HU-BC-BB-F3-19300	1.7	458	6.35	21.94
HU-BC-BB-F3-20000	8.1	2881	2.4	104.49
HU-BC-BB-F3-20100	3.6	777	4.92	46.41
HU-BC-BB-F3-20200	0.9	189	3.53	11.21
HU-BC-BB-F3-21000	3.5	958	2.72	45.1
HU-BC-BB-F3-21100	2.9	562	4.56	37.35
P-1	2.6	122	0.3	25.28
P-2	1.702	80	0.3	16.56
P-22	2.76	130	0.3	26.87
P-23	2.602	123	0.3	25.35
P-24	1.095	52	0.3	10.68
P-25	1.123	54	0.3	11
P-26	0.538	26	0.3	5.28

DA I.D.	Area (ac)	Width (ft)	Slope (%)	100 yr Peak Runoff (cfs)
P-27	0.725	35	0.3	7.11
P-28	1.078	52	0.3	10.56
P-29	1.47	70	0.3	14.35
P-3	1.043	50	0.3	10.2
P-30	1.876	88	0.3	18.24
P-31	1.284	61	0.3	12.53
P-32	2.41	113	0.3	23.43
P-37	5.191	250	0.3	50.85
P-4	1.226	58	0.3	11.95
P-39	1.277	60	0.3	12.42
P-40	0.84	40	0.3	8.2
P-41	0.994	47	0.3	9.69
P-42	1.01	48	0.3	9.86
P-43	1.857	87	0.3	18.05
P-5	1.348	64	0.3	13.15
P-6	1.815	85	0.3	17.64
P-7	2.349	111	0.3	22.89
S01	0.547	27	0.3	5.4
S02	1.334	63	0.3	13
S03	3.566	177	0.3	34.71
S04	4.573	215	0.3	44.74
S05	0.862	50	0.3	8.87
S06	1.223	65	0.3	12.31
S07	0.863	49	0.3	8.83
S08	0.567	37	0.3	6
S09	0.818	45	0.3	8.31
S10	0.768	44	0.3	7.88
S11	0.619	35	0.3	6.33
S12	0.811	45	0.3	8.25
S13	0.305	28	0.3	3.47
TOTAL	353.6825			



Appendix B

System Hydraulic Results



Table 4. Proposed Interim Conditions Subbasins

DA ID	Outfall	DA Area (ac)	C	Tc (min)	I (in/hr)	Q100 (cfs)
6B	SD6-J2	1.12	1	10	9.72	10.97
6C	SD6-J4	1.10	1	10	9.72	10.83
6D	SD6-J6	1.12	1	10	9.72	10.97
6E	SD6-J8	1.11	1	10	9.72	10.90
6F	SD6-J10	1.12	1	10	9.72	10.97
6G	SD6-J12	1.09	1	10	9.72	10.71
6H	SD6-J14	1.11	1	10	9.72	10.85
6J	SD6-J16	1.02	1	10	9.72	10.10
6K	SD6-J18	0.44	1	10	9.72	4.70
A-1	TD-30	3.54	1	10	9.72	34.52
A-10	TD-24	0.52	1	10	9.72	5.09
A-11a	BC-BB-F3-18906	3.90	1	10	9.72	24.83
A-11b	BC-BB-F3-18892	7.10	1	10	9.72	34.02
A-12	TD-23	0.61	1	10	9.72	6.01
A-13	TD-22	0.58	1	10	9.72	5.74
A-14	TD-21	0.35	1	10	9.72	3.44
A-15	TD-20	0.39	1	10	9.72	3.89
A-17	RS84	0.90	1	10	9.72	8.85
A-18	TD-13_ph1	0.38	1	10	9.72	4.06
A-19	TD-12_ph1	0.81	1	10	9.72	8.24
A-2	TD-27	1.26	1	10	9.72	12.30
A-20	TD-11_ph1	0.84	1	10	9.72	8.47
A-21	TD-10_ph1	0.46	1	10	9.72	4.55
A-22	TD-9_ph1	0.73	1	10	9.72	7.40
A-23	TD-8_ph1	0.80	1	10	9.72	7.92
A-24	TD-7_ph1	0.80	1	10	9.72	7.92
A-25	TD-6_ph1	0.80	1	10	9.72	7.92
A-26	TD-5_ph1	0.70	1	10	9.72	7.18
A-3	PJ-18	0.26	1	10	9.72	2.57
A-38	EJ-40-13	0.23	1	10	9.72	2.25
A-39	TD-19	0.76	1	10	9.72	7.41
A-4	TD-4	0.63	1	10	9.72	6.21
A-40	TD-18	1.45	1	10	9.72	14.27
A-41	TD-17	1.43	1	10	9.72	14.20
A-42	TD-16	1.51	1	10	9.72	14.69

DA ID	Outfall	DA Area (ac)	C	Tc (min)	I (in/hr)	Q100 (cfs)
A-43	PJ-6	0.82	1	10	9.72	8.06
A-5	TD-3	0.60	1	10	9.72	5.82
A-6	TD-2	0.53	1	10	9.72	5.16
A-7	TD-1	0.28	1	10	9.72	2.71
A-8	TD-26	0.20	1	10	9.72	1.98
A-9	TD-25	0.20	1	10	9.72	1.98
D-1	SD1-J4	0.87	1	10	9.72	8.47
D-10	SD2-J4	0.77	1	10	9.72	7.54
D-11	PJ-51	0.61	1	10	9.72	6.01
D-12	SD2-J2	0.79	1	10	9.72	7.79
D-13	SD2-J1	0.29	1	10	9.72	2.90
D-14	SD1-J6	1.44	1	10	9.72	14.10
D-15	RS8	0.78	1	10	9.72	7.67
D-16	BC-BB-F3-16330-0301	2.15	1	10	9.72	20.89
D-17	RS6	1.19	1	10	9.72	11.58
D-18	RS4	1.22	1	10	9.72	11.96
D-19	RS2	2.00	1	10	9.72	19.97
D-2	TD-9	1.09	1	10	9.72	10.71
D-20	RS77	0.59	1	10	9.72	5.81
D-21	RS79	0.26	1	10	9.72	2.67
D-22	RS80	0.24	1	10	9.72	2.84
D-23	RS82	0.72	1	10	9.72	7.07
D-3_1	TD-7	0.65	1	10	9.72	6.41
D-3_2	TD-8	1.27	1	10	9.72	12.37
D-3A	D3-J1	1.07	1	10	9.72	10.45
D-3B	D3-J2	0.96	1	10	9.72	9.66
D-3C	D3-J4	0.91	1	10	9.72	9.28
D-3D	D3-J6	0.91	1	10	9.72	9.28
D-3E	D3-J8	0.91	1	10	9.72	9.28
D-3F	D3-J10	0.93	1	10	9.72	9.43
D-3G	D3-J12	1.07	1	10	9.72	10.45
D-3H	D3-J14	1.09	1	10	9.72	10.59
D-3J	D3-J16	1.02	1	10	9.72	10.10
D-3K1	D3-J27	0.50	1	10	9.72	5.61
D-3K2	D3-J26	0.48	1	10	9.72	5.43
D-3K3	D3-J24	0.48	1	10	9.72	5.45

DA ID	Outfall	DA Area (ac)	C	Tc (min)	I (in/hr)	Q100 (cfs)
D-3K4	D3-J22	0.49	1	10	9.72	5.54
D-3K5	D3-J20	0.69	1	10	9.72	7.37
D-4	SD1-J2	2.31	1	10	9.72	22.15
D-5	SD1-J1	0.99	1	10	9.72	9.66
D-6	SD3-J7	1.26	1	10	9.72	12.87
D-7	SD3-J5	0.89	1	10	9.72	8.73
D-8a	SD3-J3	0.55	1	10	9.72	5.35
D-8b	SD3-J1	0.15	1	10	9.72	1.50
D-9	SD2-J6	0.82	1	10	9.72	7.94
P-01_1	PJ-29	2.20	1	10	9.72	12.00
P-01_2	PJ-28	1.20	1	10	9.72	8.45
P-01_3	PJ-45	2.71	1	10	9.72	26.47
P02_1	BC-BB-F3-18906	3.10	1	10	9.72	17.42
P02_2	PJ-22	2.20	1	10	9.72	12.00
P-03	Str-141	6.16	1	10	9.72	65.94
P-04	EJ-27	4.97	1	10	9.72	48.72
P-05	EJ-11	1.79	1	10	9.72	17.20
P-06	EJ-22	2.86	1	10	9.72	28.14
P-07	EJ-10	4.75	1	10	9.72	46.60
P-08	EJ-3	2.65	1	10	9.72	25.83
P-09	EJ-26	5.15	1	10	9.72	50.53
PP14_B1	PJ-33	2.90	1	10	9.72	16.81
PP14_B2	TD-1Sky	0.60	1	10	9.72	0.84
PP14_B3	PJ-40	1.90	1	10	9.72	13.12
PP14_B4	PJ-41	0.60	1	10	9.72	0.84
PP14_B5	PJ-41	0.05	1	10	9.72	0.30
PP20_B1	PJ-27	0.12	1	10	9.72	1.55
PP20_B2	PJ-25	0.13	1	10	9.72	1.68
PP20_B3	PJ-22	0.13	1	10	9.72	1.68
PP20_B4	PJ-20	0.20	1	10	9.72	2.58
PP20_T1	TD-1Sky	0.09	1	10	9.72	0.91
PP20_T2	PJ-40	0.10	1	10	9.72	1.03
Rail1	PJ-33	0.27	1	10	9.72	2.64
Rail2	PJ-2Sky	0.27	1	10	9.72	2.64

Table 5. Proposed Interim Conditions Nodes (100-YR)

Node ID	Element Type	Rim EL. (ft)	Invert EL. (ft)	Peak Inflow (cfs)	Max HGL (ft)
BC-BB-F3-16292	Junction	557.60	547.60	619.13	553.69
BC-BB-F3-16294	Junction	558.41	548.41	620.29	554.50
BC-BB-F3-16296	Junction	558.53	548.53	620.58	554.62
BC-BB-F3-16298	Junction	576.42	549.42	621.45	555.52
BC-BB-F3-16300	Junction	576.48	550.12	623.38	559.01
BC-BB-F3-16300-B0102	Junction	580.00	556.70	89.07	561.19
BC-BB-F3-16302	Junction	560.34	550.34	541.61	555.93
BC-BB-F3-16304	Junction	560.63	550.63	541.35	556.22
BC-BB-F3-16306	Junction	561.39	551.39	544.86	557.00
BC-BB-F3-16308	Junction	575.95	551.51	544.98	557.12
BC-BB-F3-16310	Junction	557.77	552.77	548.41	558.40
BC-BB-F3-16330	Junction	563.79	553.79	486.89	559.38
BC-BB-F3-16330-0102	Junction	575.95	556.07	63.42	558.33
BC-BB-F3-16330-0103	Junction	576.74	558.37	63.48	560.73
BC-BB-F3-16330-0104	Junction	576.77	560.19	63.63	570.10
BC-BB-F3-16330-0105	Junction	570.27	566.27	74.31	570.53
BC-BB-F3-16330-0106	Junction	576.37	566.73	54.14	569.78
BC-BB-F3-16330-0301	Junction	573.90	568.90	20.89	570.24
BC-BB-F3-16500	Junction	577.81	550.00	490.89	561.79
BC-BB-F3-18891	Junction	556.98	546.98	621.52	556.95
BC-BB-F3-18892	Junction	574.26	557.26	34.02	574.72
BC-BB-F3-18894	Junction	557.53	547.53	595.95	553.58
BC-BB-F3-18897	Junction	558.11	548.11	596.87	554.17
BC-BB-F3-18900	Junction	558.47	548.47	597.65	554.53
BC-BB-F3-18902	Junction	558.65	548.65	548.11	554.46
BC-BB-F3-18905	Junction	559.22	549.22	548.57	554.93
BC-BB-F3-18906	Junction	576.59	566.59	42.25	567.52
BC-BB-F3-18908	Junction	559.77	549.77	508.74	555.27
BC-BB-F3-18911	Junction	560.47	550.47	437.91	555.45
BC-BB-F3-18914	Junction	560.90	550.90	437.85	555.96
BC-BB-F3-18946	Junction	575.92	551.24	439.84	567.53
BC-BB-F3-18948	Junction	578.85	552.23	406.66	568.71
BC-BB-F3-18950	Junction	580.00	554.18	410.50	559.00
D3-J1	Junction	580.00	574.03	10.45	580.05

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
D3-J10	Junction	580.00	574.38	9.43	574.98
D3-J11	Junction	573.56	570.56	26.67	572.64
D3-J12	Junction	580.00	574.35	10.45	574.97
D3-J13	Junction	580.00	570.40	37.01	572.47
D3-J14	Junction	580.00	574.19	10.59	574.80
D3-J15	Junction	572.92	569.92	47.37	572.11
D3-J16	Junction	580.00	574.13	10.10	574.75
D3-J17	Junction	580.00	569.42	57.27	580.29
D3-J18	Junction	580.00	569.39	69.49	573.92
D3-J19	Junction	572.22	570.55	19.50	572.22
D3-J2	Junction	580.00	574.66	9.66	580.02
D3-J20	Junction	580.00	573.95	7.37	574.49
D3-J21	Junction	573.16	571.66	14.27	573.29
D3-J22	Junction	580.00	573.87	5.54	574.42
D3-J23	Junction	574.10	572.77	8.96	574.10
D3-J24	Junction	580.00	573.45	5.45	580.07
D3-J25	Junction	574.44	573.11	8.07	574.71
D3-J26	Junction	580.00	573.49	5.43	580.11
D3-J27	Junction	580.00	573.96	5.61	580.02
D3-J3	Junction	574.40	572.90	17.65	575.36
D3-J4	Junction	580.00	574.60	9.28	575.38
D3-J5	Junction	580.00	572.72	20.87	580.17
D3-J6	Junction	580.00	574.51	9.28	575.19
D3-J7	Junction	574.25	571.75	26.65	577.28
D3-J8	Junction	580.00	574.49	9.28	575.19
D3-J9	Junction	574.22	571.72	17.33	574.22
EJ-12	Junction	574.15	559.34	48.19	561.23
EJ-20	Junction	574.99	555.72	39.72	557.80
EJ-21	Junction	576.38	554.97	30.66	556.70
EJ-28	Junction	575.53	559.96	0.00	561.02
EJ-29	Junction	574.98	562.60	0.00	564.24
EJ-40-10	Junction	566.10	562.85	56.97	566.96
EJ-40-11	Junction	566.53	563.28	55.10	566.54
EJ-40-12	Junction	575.85	563.59	99.05	579.89
EJ-40-13	Junction	577.19	564.23	56.74	577.34
EJ-40-2	Junction	575.00	552.96	69.33	553.95

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
EJ-40-3	Junction	575.00	553.44	69.04	555.19
EJ-40-4	Junction	578.84	558.50	52.97	560.17
EJ-40-5	Junction	562.76	559.26	53.04	560.93
EJ-40-6	Junction	564.04	560.54	53.14	562.47
EJ-40-7	Junction	564.89	561.39	53.33	563.66
EJ-40-8	Junction	565.68	562.43	53.43	565.15
EJ-40-9	Junction	575.00	562.68	54.69	575.01
EJ-9	Junction	574.83	557.25	50.09	560.39
ES-10_ph_1	Junction	571.64	563.93	30.64	569.37
ES-11_ph1	Junction	572.84	563.48	37.88	569.35
ES-12_ph1	Junction	576.28	561.02	42.34	572.57
ES-13_ph1	Junction	576.29	561.02	46.90	563.09
ES-14_ph1	Junction	572.07	561.51	46.91	569.66
ES-15_ph1	Junction	571.62	561.96	38.66	569.37
ES-16_ph1	Junction	576.29	562.26	30.65	569.21
ES-17_ph1	Junction	575.77	562.58	26.77	564.74
ES-19_ph1	Junction	571.02	563.10	37.86	564.80
ES-20_ph1	Junction	571.77	561.11	46.91	563.18
ES-21	Junction	564.12	560.52	42.39	562.39
ES-22	Junction	563.96	558.90	89.07	562.23
ES-23	Junction	564.22	559.05	46.94	562.62
ES-29	Junction	574.62	547.33	664.57	553.65
ES-6_ph1	Junction	576.17	566.71	7.17	567.59
ES-7_ph1	Junction	571.56	566.21	15.03	569.29
ES-8_ph1	Junction	576.32	564.73	15.03	566.55
ES-9_ph1	Junction	571.65	564.73	22.85	569.40
J-PT-3	Junction	564.91	561.91	68.68	566.81
J-PT-6	Junction	568.06	565.06	15.05	566.07
MH-FF2	Junction	571.50	539.79	8.00	577.01
MH-PJ-MOD3	Junction	576.00	546.00	7.73	576.80
P2-J1	Junction	574.50	563.97	0.00	563.97
P2-J2	Junction	575.00	563.13	0.00	563.97
P2-J3	Junction	549.08	548.08	9.05	564.77
PJ-1	Junction	576.20	570.79	6.04	571.65
PJ-11	Junction	575.63	564.49	3.78	569.90
PJ-13	Junction	575.64	563.60	20.96	570.15

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
PJ-14	Junction	575.64	565.25	12.23	570.19
PJ-15	Junction	575.55	566.84	1.34	569.49
PJ-16	Junction	572.72	555.24	14.89	563.48
PJ-17	Junction	574.02	551.26	48.34	564.21
PJ-18	Junction	568.79	557.92	2.57	558.37
PJ-2	Junction	576.20	570.80	12.28	571.86
PJ-21	Junction	577.71	565.00	1.50	565.41
PJ-22	Junction	577.80	552.25	72.34	554.60
PJ-23	Junction	577.43	550.43	508.57	564.85
PJ-24	Junction	578.39	552.73	59.49	554.87
PJ-25	Junction	578.39	553.28	59.49	561.23
PJ-25South	Junction	575.00	563.03	72.84	577.50
PJ-26	Junction	578.51	553.93	47.46	563.07
PJ-27	Junction	578.87	554.80	26.75	556.21
PJ-28	Junction	578.94	555.75	25.88	557.45
PJ-29	Junction	578.74	557.54	17.54	558.74
PJ-2Sky	Junction	576.90	564.64	2.64	565.16
PJ-3	Junction	576.25	556.63	68.89	571.42
PJ-33	Junction	578.50	562.03	20.86	572.62
PJ-39	Junction	576.00	571.59	18.74	576.18
PJ-41	Junction	578.46	561.30	11.63	567.40
PJ-45	Junction	578.87	571.80	26.47	573.41
PJ-4Sky	Junction	576.71	568.50	0.00	568.50
PJ-50	Junction	578.86	558.59	6.00	559.31
PJ-51	Junction	579.30	559.10	6.01	559.82
PJ-5Sky	Junction	577.18	565.76	0.00	565.76
PJ-8	Junction	575.20	568.17	25.11	570.50
PJ-9	Junction	575.12	564.50	45.57	569.43
RS_FF6	Junction	575.87	544.52	10.75	575.87
RS_FF7	Junction	576.60	557.21	10.34	577.63
RS_FF8	Junction	576.29	557.56	14.47	577.35
RS_FF9	Junction	576.44	557.66	14.73	566.49
RS1	Junction	576.02	565.60	13.43	570.90
RS2	Junction	575.65	570.20	19.97	575.68
RS3	Junction	576.17	565.80	36.33	570.74
RS4	Junction	575.86	570.45	11.96	571.59

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
RS5	Junction	576.26	566.18	24.43	571.09
RS6	Junction	575.98	570.86	11.58	571.98
RS7	Junction	576.42	566.70	13.60	572.00
RS77	Junction	576.06	568.25	5.81	568.96
RS78	Junction	576.19	564.51	8.43	568.06
RS79	Junction	575.95	567.91	2.67	568.37
RS8	Junction	576.08	570.80	18.36	576.32
RS80	Junction	576.15	568.04	2.84	568.52
RS81	Junction	576.21	564.14	11.20	567.95
RS82	Junction	575.87	567.86	7.07	568.65
RS83	Junction	576.15	563.39	18.14	568.07
RS84	Junction	575.98	568.06	8.85	568.98
RS85	Junction	576.08	563.00	26.76	568.78
RS9	Junction	575.81	565.22	35.36	567.62
SD1-J1	Junction	576.33	570.56	9.66	571.35
SD1-J2	Junction	575.52	569.15	22.15	570.74
SD1-J3	Junction	575.64	569.06	31.65	570.65
SD1-J4	Junction	575.60	568.58	8.47	569.49
SD1-J5	Junction	570.98	567.98	40.18	569.43
SD1-J6	Junction	574.20	568.80	14.10	569.31
SD1-J7	Junction	584.67	567.14	54.11	568.92
SD2-J1	Junction	577.75	571.82	2.90	572.35
SD2-J10	Junction	577.52	570.31	38.12	577.55
SD2-J2	Junction	577.14	571.61	7.79	572.24
SD2-J3	Junction	574.02	571.52	10.65	572.69
SD2-J4	Junction	576.78	571.73	7.54	572.23
SD2-J5	Junction	576.72	571.27	32.25	573.37
SD2-J6	Junction	576.80	571.65	7.94	572.26
SD2-J7	Junction	576.87	570.96	40.01	576.88
SD2-J8	Junction	576.74	570.82	64.14	576.96
SD2-J9	Junction	577.51	570.61	39.23	577.52
SD3-J1	Junction	577.00	573.80	1.50	574.17
SD3-J10	Junction	565.49	562.49	0.00	562.49
SD3-J2	Junction	578.95	573.40	1.49	573.82
SD3-J3	Junction	577.00	573.11	5.35	573.82
SD3-J4	Junction	575.55	573.05	6.80	573.77

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
SD3-J5	Junction	577.59	573.71	8.73	574.15
SD3-J6	Junction	574.90	572.40	15.46	573.52
SD3-J7	Junction	576.88	572.06	12.87	573.23
SD3-J8	Junction	574.25	571.75	28.17	573.37
SD6-J1	Junction	580.10	573.90	0.00	573.90
SD6-J10	Junction	580.09	574.24	10.97	574.85
SD6-J11	Junction	580.00	569.74	88.95	580.47
SD6-J12	Junction	580.15	574.29	10.71	574.90
SD6-J13	Junction	571.65	569.15	46.47	571.84
SD6-J14	Junction	580.17	574.24	10.85	574.79
SD6-J15	Junction	571.12	568.12	46.42	571.12
SD6-J16	Junction	580.26	574.30	10.10	574.80
SD6-J17	Junction	580.08	567.71	56.43	570.09
SD6-J18	Junction	579.97	574.08	4.70	574.53
SD6-J19	Junction	579.62	567.29	61.14	580.58
SD6-J2	Junction	579.94	574.08	10.97	580.07
SD6-J20	Junction	579.35	569.93	15.02	572.93
SD6-J3	Junction	574.49	572.82	8.08	574.16
SD6-J4	Junction	580.10	574.26	10.83	580.11
SD6-J5	Junction	573.89	571.89	18.33	573.42
SD6-J6	Junction	580.07	574.23	10.97	574.92
SD6-J7	Junction	573.37	570.87	29.14	572.88
SD6-J8	Junction	580.12	574.28	10.90	574.90
SD6-J9	Junction	580.07	570.35	39.88	580.19
STR_105	Junction	563.67	558.80	89.05	561.47
Str_115	Junction	561.57	559.20	2.62	559.59
Str_116	Junction	563.93	561.56	2.63	561.95
Str_117	Junction	565.21	562.83	2.63	563.22
Str_118	Junction	576.38	564.42	2.64	564.94
Str_119	Junction	568.32	565.95	0.00	565.95
Str_120	Junction	569.70	567.32	0.00	567.32
Str_124	Junction	564.99	562.58	0.00	563.75
Str_14	Junction	562.14	558.02	18.57	559.27
Str_31	Junction	561.75	556.50	0.00	556.50
Str_35	Junction	562.88	557.65	0.00	557.65
Str_36	Junction	563.25	559.17	0.00	559.17

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
Str_50	Junction	562.71	558.63	47.92	560.77
Str_52	Junction	564.03	560.05	26.31	561.65
Str_53	Junction	563.88	559.72	48.32	562.72
Str_54	Junction	564.22	560.48	26.27	562.07
Str_56	Junction	565.78	563.11	0.00	563.78
Str_6	Junction	561.25	555.99	30.66	557.46
Str_79	Junction	562.92	558.84	48.17	560.94
Str_86	Junction	568.73	566.93	0.00	566.93
Str_88	Junction	563.37	558.71	26.93	561.32
Str_92	Junction	564.06	560.68	17.66	562.03
STR-100_STR99	Junction	564.71	560.92	46.89	562.92
Str-136	Junction	563.41	559.89	65.85	564.91
STR-93_STR_95	Junction	564.71	560.92	42.36	562.80
TD-10_ph1	Junction	577.33	571.98	4.55	572.68
TD-11_ph1	Junction	576.30	571.80	8.47	572.23
TD-12_ph1	Junction	576.27	571.62	8.24	572.04
TD-13_ph1	Junction	576.19	571.83	4.06	572.12
TD-1Sky	Junction	577.33	572.80	1.64	573.12
TD-5_ph1	Junction	576.07	571.21	7.18	571.91
TD-6_ph1	Junction	576.14	571.76	7.92	572.15
TD-7	Junction	575.96	572.40	6.41	573.10
TD-7_ph1	Junction	576.24	571.35	7.92	571.77
TD-8	Junction	576.00	572.43	12.37	573.44
TD-8_ph1	Junction	576.25	571.84	7.92	572.24
TD-9	Junction	576.09	571.60	10.71	572.51
TD-9_ph1	Junction	576.26	571.75	7.40	572.14
EJ-1	Outfall	0.00	546.86	702.14	553.15
MH-FF3	Outfall	0.00	538.17	5.87	539.67
STR-149	Outfall	0.00	547.21	724.46	553.53
EJ-40-1	Flow Diversions	574.87	545.00	68.94	553.15
RS32	Flow Diversions	576.09	565.40	49.13	567.94
SD3-MH-PS3	Flow Diversions	579.32	566.47	69.19	573.57
SD6-MH-PS4	Flow Diversions	579.04	565.23	15.04	569.96

Node ID	Element Type	Rim El. (ft)	Invert El. (ft)	Peak Inflow (cfs)	Max HGL (ft)
SouthPretreatment	Storage Node	564.00	551.80	65.23	634.42

Table 6. Proposed Interim Conditions Inlets (100-YR)

Node ID	Inlet Type	Rim El. (ft)	Invert El. (ft)	Max Peak Flow WSEL on Gutter	Node ID
EJ-10	NEENAH FOUNDRY	573.00	561.32	596.42	EJ-10
EJ-11	NEENAH FOUNDRY	573.00	560.24	576.19	EJ-11
EJ-15	NEENAH FOUNDRY	575.84	560.92	575.84	EJ-15
EJ-17	FHWA HEC-22 GENERIC	563.78	561.45	563.93	EJ-17
EJ-18	FHWA HEC-22 GENERIC	563.37	559.49	563.52	EJ-18
EJ-19	NEENAH FOUNDRY	573.47	556.95	573.47	EJ-19
EJ-2	FHWA HEC-22 GENERIC	575.00	553.62	575.15	EJ-2
EJ-22	NEENAH FOUNDRY	573.00	557.21	581.54	EJ-22
EJ-24	NEENAH FOUNDRY	574.99	571.63	574.99	EJ-24
EJ-26	NEENAH FOUNDRY	573.00	558.00	600.54	EJ-26
EJ-27	NEENAH FOUNDRY	573.00	558.45	598.60	EJ-27
EJ-3	NEENAH FOUNDRY	573.00	556.59	580.19	EJ-3
EJ-30	FHWA HEC-22 GENERIC	576.88	572.94	577.03	EJ-30
EJ-5	FHWA HEC-22 GENERIC	577.02	554.68	577.17	EJ-5
EJ-6	FHWA HEC-22 GENERIC	577.90	555.56	578.05	EJ-6
EJ-7	FHWA HEC-22 GENERIC	561.91	556.95	562.06	EJ-7
EJ-8	FHWA HEC-22 GENERIC	563.05	558.09	563.20	EJ-8
PJ-20	NEENAH FOUNDRY	577.50	565.45	577.95	PJ-20
PJ-40	NEENAH FOUNDRY	577.10	566.25	577.56	PJ-40
PJ-6	NEENAH FOUNDRY	575.70	550.36	575.97	PJ-6
Str-141	FHWA HEC-22 GENERIC	572.95	566.89	577.90	Str-141
TD-1	FHWA HEC-22 GENERIC	571.10	571.08	571.24	TD-1
TD-16	FHWA HEC-22 GENERIC	570.55	569.30	570.70	TD-16
TD-17	FHWA HEC-22 GENERIC	571.13	569.30	571.28	TD-17
TD-18	FHWA HEC-22 GENERIC	572.13	568.26	572.32	TD-18
TD-19	FHWA HEC-22 GENERIC	571.80	568.26	571.94	TD-19
TD-2	FHWA HEC-22 GENERIC	571.10	571.08	571.24	TD-2
TD-20	FHWA HEC-22 GENERIC	572.80	569.30	572.94	TD-20
TD-21	FHWA HEC-22 GENERIC	572.80	569.30	572.94	TD-21
TD-22	FHWA HEC-22 GENERIC	572.80	569.30	572.94	TD-22

Node ID	Inlet Type	Rim El. (ft)	Invert El. (ft)	Max Peak Flow WSEL on Gutter	Node ID
TD-23	FHWA HEC-22 GENERIC	571.10	569.30	571.24	TD-23
TD-24	FHWA HEC-22 GENERIC	572.80	569.30	572.94	TD-24
TD-25	FHWA HEC-22 GENERIC	571.10	569.30	571.24	TD-25
TD-26	FHWA HEC-22 GENERIC	571.10	569.30	571.24	TD-26
TD-27	FHWA HEC-22 GENERIC	565.01	562.63	565.16	TD-27

Table 7. Proposed Interim Conditions Pipes (100-YR)

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
BC-BB-F3-16260	ES-29	STR-149	547.33	547.21	39.22	10.00	0.31	0.013	12.70	664.21	6.32
BC-BB-F3-16292	BC-BB-F3-16292	ES-29	547.60	547.33	89.24	10.00	0.3	0.013	12.45	618.04	6.03
BC-BB-F3-16294	BC-BB-F3-16294	BC-BB-F3-16292	548.41	547.60	271.96	10.00	0.3	0.013	12.39	619.13	6.08
BC-BB-F3-16296	BC-BB-F3-16296	BC-BB-F3-16294	548.53	548.41	40.19	10.00	0.3	0.013	12.39	620.29	6.09
BC-BB-F3-16298	BC-BB-F3-16298	BC-BB-F3-16296	549.42	548.53	295.96	10.00	0.3	0.013	12.46	620.58	6.08
BC-BB-F3-16300	BC-BB-F3-16300	BC-BB-F3-16298	550.12	549.42	234.84	10.00	0.3	0.013	12.41	621.45	6.09
BC-BB-F3-16300-B0102	BC-BB-F3-16300-B0102	BC-BB-F3-16300	556.70	556.57	20.78	4.50	0.63	0.013	10.10	89.06	2.44
BC-BB-F3-16300-B0103	STR_105	BC-BB-F3-16300-B0102	558.80	558.66	25.00	4.50	0.56	0.013	9.69	89.07	2.53
BC-BB-F3-16302	BC-BB-F3-16302	BC-BB-F3-16300	550.34	550.12	74.16	10.00	0.3	0.013	11.99	541.90	5.57
BC-BB-F3-16304	BC-BB-F3-16304	BC-BB-F3-16302	550.63	550.34	95.74	10.00	0.3	0.013	12.08	541.61	5.55
BC-BB-F3-16306	BC-BB-F3-16306	BC-BB-F3-16304	551.39	550.63	255.96	10.00	0.3	0.013	12.04	541.35	5.60
BC-BB-F3-16308	BC-BB-F3-16308	BC-BB-F3-16306	551.51	551.39	37.80	10.00	0.32	0.013	12.32	544.86	5.50
BC-BB-F3-16310S	BC-BB-F3-16310	BC-BB-F3-16308	552.77	551.51	423.23	10.00	0.3	0.013	12.09	544.98	5.58
BC-BB-F3-16330-0102	BC-BB-F3-16330-0102	BC-BB-F3-16310	556.07	555.30	147.97	5.00	0.52	0.013	8.64	63.43	2.00
BC-BB-F3-16330-0103	BC-BB-F3-16330-0103	BC-BB-F3-16330-0102	558.37	556.57	179.86	4.50	1	0.013	11.03	63.42	1.76

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
BC-BB-F3-16330-0104	BC-BB-F3-16330-0104	BC-BB-F3-16330-0103	560.20	558.87	132.76	4.00	1	0.013	11.09	63.48	1.86
BC-BB-F3-16330-0105	BC-BB-F3-16330-0105	BC-BB-F3-16330-0104	566.27	566.10	176.97	4.00	0.1	0.013	5.01	47.69	4.00
BC-BB-F3-16330-0106	BC-BB-F3-16330-0106	BC-BB-F3-16330-0105	566.73	566.36	224.97	4.00	0.16	0.013	5.29	53.77	3.03
BC-BB-F3-16330-0301	BC-BB-F3-16330-0301	BC-BB-F3-16330-0105	568.90	567.49	70.70	1.75	1.99	0.013	10.58	20.81	1.34
BC-BB-F3-16330S	BC-BB-F3-16330	BC-BB-F3-16310	553.79	552.77	6.20	10.00	16.45	0.013	49.81	487.10	1.81
BC-BB-F3-16500S	BC-BB-F3-16500	BC-BB-F3-16330	556.16	553.79	782.01	9.00	0.3	0.013	11.97	486.89	5.58
BC-BB-F3-18891	BC-BB-F3-18891	EJ-1	546.98	546.86	44.11	10.00	0.27	0.013	11.95	621.41	6.28
BC-BB-F3-18892	BC-BB-F3-18892	BC-BB-F3-18891	557.26	555.45	29.35	1.50	6.17	0.013	16.94	27.98	1.50
BC-BB-F3-18894	BC-BB-F3-18894	BC-BB-F3-18891	547.53	546.98	196.01	10.00	0.28	0.013	11.99	595.44	6.04
BC-BB-F3-18897	BC-BB-F3-18897	BC-BB-F3-18894	548.11	547.53	204.66	10.00	0.28	0.013	12.04	595.95	6.03
BC-BB-F3-18900	BC-BB-F3-18900	BC-BB-F3-18897	548.47	548.11	128.22	10.00	0.28	0.013	12.00	596.87	6.06
BC-BB-F3-18902	BC-BB-F3-18902	BC-BB-F3-18900	548.65	548.47	66.68	10.00	0.27	0.013	11.58	547.63	5.80
BC-BB-F3-18905	BC-BB-F3-18905	BC-BB-F3-18902	549.22	548.65	200.30	10.00	0.28	0.013	11.84	548.11	5.71
BC-BB-F3-18906	BC-BB-F3-18906	BC-BB-F3-18905	566.59	549.22	52.62	1.50	33.01	0.013	36.92	42.22	0.93
BC-BB-F3-18908	BC-BB-F3-18908	BC-BB-F3-18905	549.77	549.22	198.66	10.00	0.28	0.013	11.51	508.69	5.48
BC-BB-F3-18911	BC-BB-F3-18911	PJ-23	550.47	550.16	13.00	10.00	2.38	0.013	11.54	437.89	4.87

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
BC-BB-F3-18911_2	PJ-23	BC-BB-F3-18908	550.16	549.77	150.50	10.00	0.26	0.013	13.69	508.74	4.79
BC-BB-F3-18914	BC-BB-F3-18914	BC-BB-F3-18911	550.90	550.47	151.40	10.00	0.28	0.013	11.20	437.91	4.98
BC-BB-F3-18946	BC-BB-F3-18946	BC-BB-F3-18914	551.24	550.90	125.87	10.00	0.27	0.013	11.01	437.85	5.06
BC-BB-F3-18948	BC-BB-F3-18948	BC-BB-F3-18946	552.20	551.19	350.90	10.00	0.29	0.013	10.98	404.85	4.76
BC-BB-F3-18950	BC-BB-F3-18950	BC-BB-F3-18948	554.18	552.23	696.20	10.00	0.28	0.013	11.04	406.66	4.79
D-3A	D3-J1	D3-J3	574.03	573.40	154.51	1.50	0.41	0.01	6.64	9.04	1.50
D-3B	D3-J3	D3-J5	572.90	572.72	115.50	2.00	0.16	0.01	5.05	12.31	2.00
D-3C	D3-J5	D3-J7	572.72	572.25	134.50	2.00	0.35	0.01	6.66	17.95	2.00
D-3D	D3-J7	D3-J9	571.75	571.72	131.00	2.50	0.02	0.01	2.56	8.43	2.50
D-3E	D3-J9	D3-J11	571.72	571.07	119.00	2.50	0.55	0.01	7.78	17.32	1.16
D-3F	D3-J11	D3-J13	570.56	570.40	115.00	3.00	0.14	0.01	5.12	26.63	2.07
D-3G	D3-J13	D3-J15	570.40	569.92	134.50	3.00	0.36	0.01	7.97	36.94	1.87
D-3H	D3-J15	D3-J17	569.92	569.42	131.00	3.00	0.38	0.01	8.56	47.38	2.19
D-3J	D3-J17	D3-J18	569.42	569.39	9.50	3.00	0.32	0.01	7.89	50.79	3.00
D-3K1	D3-J27	D3-J25	573.96	573.30	149.97	1.17	0.44	0.01	5.70	4.98	1.17
D-3K2	D3-J25	D3-J23	573.11	572.77	127.28	1.33	0.27	0.01	5.07	5.44	1.33
D-3K3	D3-J23	D3-J21	572.77	571.83	43.90	1.33	2.14	0.01	10.95	8.93	0.75
D-3K4	D3-J21	D3-J19	571.66	570.72	119.00	1.50	0.79	0.01	8.56	12.65	1.50
D-3K5	D3-J19	D3-J18	570.55	569.66	65.50	1.67	1.36	0.01	10.97	19.45	1.26
D3-M1	D3-J18	SD3-MH-PS3	571.53	571.19	50.00	3.00	0.68	0.01	11.55	69.19	2.34
D3-M2	SD3-MH-PS3	SD3-J10	571.19	562.49	102.38	3.00	8.5	0.01	0.00	0.00	0.00
D3-M3	SD3-J10	BC-BB-F3-16500	562.49	559.12	82.12	3.00	4.1	0.01	0.00	0.00	0.00
DuromaxxPipe	RS_FF9	RS_FF8	557.66	557.56	100.00	9.00	0.1	0.01	3.59	14.47	1.03

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
EP-1	Str_86	EJ-10	566.93	562.82	102.84	1.50	4	0.013	0.00	0.00	0.00
EP-1_ph1	ES-6_ph1	ES-7_ph1	566.71	566.21	110.77	2.00	0.45	0.011	5.40	7.15	0.87
EP-10	Str_116	Str_115	561.56	559.20	121.10	2.00	1.95	0.013	6.10	2.62	0.39
EP10_ph1	ES-21	ES-22	560.52	560.36	39.52	3.50	0.4	0.011	8.08	42.37	1.87
EP-11	Str_117	Str_116	562.83	561.56	65.40	2.00	1.94	0.013	6.09	2.63	0.39
EP-11_ph1	ES-22	STR_105	558.90	558.80	25.00	4.50	0.4	0.012	9.05	89.05	2.67
EP-12	Str_118	Str_117	564.42	562.83	81.59	2.00	1.95	0.013	6.10	2.63	0.39
EP-12_ph1	ES-23	ES-22	559.05	558.90	39.52	3.50	0.38	0.011	8.07	46.92	2.03
EP-13	Str_119	Str_118	565.95	564.42	78.15	2.00	1.96	0.013	0.00	0.00	0.00
EP-13_ph1	STR-100_STR99	ES-23	560.92	560.62	75.00	3.50	0.4	0.011	8.24	46.94	2.00
EP-14	Str_120	Str_119	567.32	565.95	70.46	2.00	1.94	0.013	0.00	0.00	0.00
EP-14_ph1	ES-13_ph1	STR-100_STR99	561.02	560.92	25.00	3.50	0.4	0.011	8.24	46.89	2.00
EP-16	Str_56	EJ-15	563.78	561.67	300.50	2.25	0.7	0.013	0.00	0.00	0.00
EP-19	EJ-17	EJ-18	561.26	560.74	235.55	2.25	0.22	0.013	0.00	0.00	0.00
EP-2_ph1	ES-7_ph1	ES-8_ph1	566.21	565.43	89.20	2.00	0.87	0.011	8.32	15.03	1.11
EP-20	PJ-3	EJ-40-3	556.63	543.44	168.53	3.50	7.83	0.013	14.38	69.04	1.75
EP-21	Str_53	EJ-12	559.72	559.34	38.13	3.00	1	0.013	10.25	48.19	1.88
EP-22	EJ-11	Str_88	560.24	559.71	102.39	3.00	0.52	0.013	6.98	26.93	1.61
EP-22_ph1	ES-20_ph1	ES-13_ph1	561.11	561.02	25.00	3.50	0.36	0.011	7.91	46.90	2.07
EP-23	EJ-15	Str_54	560.92	560.48	85.83	3.00	0.51	0.013	6.93	26.27	1.59
EP-23_ph1	ES-14_ph1	ES-20_ph1	561.51	561.11	62.50	3.00	0.64	0.011	9.78	46.91	1.93
EP-24	Str-136	Str_53	559.89	559.72	33.56	3.00	0.51	0.013	7.77	48.32	3.00
EP-24_ph1	ES-15_ph1	ES-14_ph1	561.96	561.51	95.70	3.00	0.47	0.011	8.31	38.64	1.88
EP-25	Str_54	Str_52	560.48	560.05	84.83	3.00	0.51	0.013	6.89	26.31	1.59
EP-25_ph1	ES-16_ph1	ES-15_ph1	562.26	561.96	90.11	3.00	0.33	0.011	6.90	30.64	1.80

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
EP-26	Str_92	EJ-11	560.68	560.24	54.21	3.00	0.81	0.013	7.39	17.66	1.11
EP-26_ph1	ES-17_ph1	ES-16_ph1	562.58	562.26	90.14	2.50	0.35	0.011	6.68	26.74	1.90
EP-27	EJ-10	Str_92	561.32	560.68	156.37	3.00	0.41	0.013	5.75	17.66	1.35
EP-28	EJ-27	EJ-2	558.45	555.25	224.64	3.25	1.42	0.013	9.05	18.16	0.95
EP-29	EJ-12	Str_79	559.34	558.84	31.76	3.50	1.57	0.013	12.23	48.17	1.49
EP-3_ph1	ES-8_ph1	ES-9_ph1	565.23	564.73	99.99	2.50	0.5	0.011	6.76	14.96	1.15
EP-30	Str_14	EJ-3	558.02	557.34	148.12	3.50	0.46	0.013	6.03	18.57	1.25
EP-31	EJ-26	Str_14	558.71	558.02	147.98	3.50	0.47	0.013	6.07	18.57	1.24
EP-32	EJ-18	Str_36	559.49	559.17	150.47	3.50	0.21	0.013	0.00	0.00	0.00
EP-33	Str_36	EJ-8	559.17	558.84	146.39	3.50	0.23	0.013	0.00	0.00	0.00
EP-34	Str_50	EJ-9	558.63	558.25	79.61	3.50	0.48	0.013	7.82	48.03	2.14
EP-35	Str_79	Str_50	558.84	558.63	41.26	3.50	0.51	0.013	8.00	47.92	2.09
EP-36	Str_88	EJ-19	558.71	557.96	145.34	4.00	0.52	0.013	6.91	26.93	1.39
EP-37	EJ-3	Str_6	556.59	555.99	131.43	4.50	0.46	0.013	6.79	30.66	1.47
EP-38	EJ-40-1	STR-149	551.53	550.45	57.63	3.50	1.87	0.013	13.85	60.42	1.62
EP-39	Str_6	EJ-21	555.99	555.23	164.67	4.50	0.46	0.013	6.82	30.66	1.47
EP-4	EJ-24	Str_86	571.63	566.93	36.32	1.50	12.94	0.013	0.00	0.00	0.00
EP-4_ph1	ES-9_ph1	ES-10_ph_1	564.73	564.13	75.25	2.50	0.8	0.011	8.94	22.79	1.29
EP-40	EJ-8	Str_35	558.09	557.65	144.37	4.50	0.3	0.013	0.00	0.00	0.00
EP-40-1	EJ-40-2	EJ-40-1	552.96	551.53	9.00	3.50	15.91	0.013	31.18	68.94	0.98
EP-40-10	PJ-25South	EJ-40-10	563.03	562.85	42.82	3.25	0.42	0.013	7.59	56.97	3.25
EP-40-11	EJ-40-11	PJ-25South	563.28	563.03	62.72	3.25	0.4	0.013	7.44	54.68	3.24
EP-40-12	EJ-40-12	EJ-40-11	563.59	563.28	78.41	3.25	0.4	0.013	7.52	55.10	3.25
EP-40-13	EJ-40-13	EJ-40-12	564.23	563.59	160.61	3.25	0.4	0.013	7.64	55.66	3.25
EP-40-2	EJ-40-3	EJ-40-2	553.44	552.96	3.00	3.50	15.93	0.013	31.28	69.33	0.98

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
EP-40-3	EJ-40-4	PJ-3	558.50	556.63	105.84	3.50	1.77	0.013	13.09	52.82	1.53
EP-40-4	EJ-40-5	EJ-40-4	559.26	558.50	58.42	3.50	1.3	0.013	11.68	52.97	1.67
EP-40-5	EJ-40-6	EJ-40-5	560.54	559.26	98.59	3.50	1.3	0.013	11.67	53.04	1.67
EP-40-6	EJ-40-7	EJ-40-6	561.39	560.54	106.07	3.50	0.8	0.013	9.74	53.14	1.94
EP-40-7	EJ-40-8	EJ-40-7	562.43	561.64	94.59	3.25	0.84	0.013	9.89	53.33	2.02
EP-40-8	EJ-40-9	EJ-40-8	562.68	562.43	61.99	3.25	0.4	0.013	7.31	53.43	2.69
EP-40-9	EJ-40-10	EJ-40-9	562.85	562.68	44.07	3.25	0.39	0.013	7.32	54.69	3.25
EP-41	Str_35	EJ-7	557.65	557.20	151.98	4.50	0.3	0.013	0.00	0.00	0.00
EP-42	EJ-21	EJ-2	554.97	554.62	75.76	4.50	0.46	0.013	6.82	30.66	1.47
EP-43	EJ-7	Str_31	556.95	556.50	145.77	4.50	0.31	0.013	0.00	0.00	0.00
EP-44	Str_31	EJ-6	556.50	556.06	150.58	4.50	0.29	0.013	0.00	0.00	0.00
EP-45	EJ-9	EJ-5	557.25	556.18	176.39	4.50	0.61	0.013	8.72	50.09	1.77
EP-46	EJ-6	EJ-5	555.56	555.18	126.17	5.00	0.3	0.013	0.00	0.00	0.00
EP-47	EJ-19	EJ-20	556.95	556.22	146.83	5.00	0.5	0.013	7.47	39.72	1.58
EP-48	EJ-22	EJ-19	557.21	556.95	50.55	5.00	0.51	0.013	5.41	12.80	0.89
EP-49	EJ-20	EJ-2	555.72	555.03	169.18	5.50	0.41	0.013	6.89	39.72	1.60
EP-5_ph1	ES-10_ph_1	ES-11_ph1	563.93	563.48	100.82	3.00	0.45	0.011	7.73	30.59	1.64
EP-50	EJ-5	BC-BB-F3-18900	554.68	548.47	220.04	6.00	2.82	0.013	14.53	50.08	1.08
EP-51	EJ-2	PJ-6	553.62	550.36	174.55	6.50	1.87	0.013	14.69	88.52	1.54
EP-52	EJ-28	EJ-26	561.02	559.96	235.90	2.25	0.45	0.013	0.00	0.00	0.00
EP-53	Str_124	EJ-28	562.58	560.73	59.91	2.00	3.09	0.013	0.00	0.00	0.00
EP-54	EJ-29	Str_124	563.75	563.75	59.54	2.00	0	0.013	0.00	0.00	0.00
EP-55	EJ-30	EJ-29	572.94	564.24	95.48	1.50	9.11	0.013	0.00	0.00	0.00
EP-56	PJ-6	EJ-1	550.36	546.86	193.72	6.50	1.81	0.013	14.75	93.28	1.60
EP-6_ph1	ES-11_ph1	ES-19_ph1	563.48	563.10	62.65	3.00	0.61	0.011	9.13	37.86	1.70

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
EP-7_ph1	ES-19_ph1	ES-12_ph1	563.10	562.90	25.00	3.00	0.8	0.011	10.15	37.88	1.57
EP-8_ph1	ES-12_ph1	STR-93_STR_95	561.02	560.92	25.00	3.50	0.4	0.011	8.05	42.36	1.88
EP-9	Str_115	EJ-9	559.20	558.50	35.77	2.00	1.96	0.013	6.10	2.62	0.39
EP-9_ph1	STR-93_STR_95	ES-21	560.92	560.52	75.00	3.50	0.53	0.011	8.97	42.39	1.73
LinePT-3_1	SD3-MH-PS3	J-PT-3	566.85	561.91	153.42	3.00	3.22	0.01	21.38	68.68	1.39
LinePT-3_2	J-PT-3	SouthPretreatment	561.91	561.00	300.33	3.00	0.3	0.01	9.03	50.65	3.00
LinePT-6_1	SD6-MH-PS4	J-PT-6	565.23	565.06	34.00	3.00	0.5	0.01	7.17	15.05	1.00
LinePT-6_2	J-PT-6	SouthPretreatment	565.06	561.00	192.42	3.00	2.11	0.01	12.01	14.90	0.69
LinePT-S	SouthPretreatment	MH-PJ-MOD3	551.80	550.13	248.31	0.83	0.67	0.01	4.86	2.45	0.78
P2-1	P2-J1	P2-J2	563.97	563.97	26.31	1.00	0	0.01	0.00	0.00	0.00
P2-2	P2-J2	P2-J3	563.13	548.34	104.36	1.00	14.17	0.01	0.00	0.00	0.00
P2-3	P2-J3	MH-FF2	548.08	547.83	122.68	1.00	0.2	0.01	6.74	2.23	1.00
P2-L1	EJ-40-1	P2-J3	549.00	548.08	28.00	1.00	3.29	0.01	12.22	9.05	1.00
Pipe - (125)	RS2	RS1	570.20	569.40	53.08	1.50	1.51	0.013	8.62	13.43	1.50
Pipe - (126)	RS77	RS78	568.25	567.35	60.27	1.50	1.49	0.013	7.08	5.78	0.71
Pipe - (127)	RS79	RS78	567.91	567.35	37.58	1.50	1.49	0.013	5.73	2.66	0.46
Pipe - (128)	RS80	RS81	568.04	567.47	38.20	1.50	1.49	0.013	5.81	2.82	0.48
Pipe - (129)	RS82	RS83	567.86	567.28	38.71	1.50	1.5	0.013	7.45	7.04	0.79
Pipe - (130)	RS84	RS85	568.06	567.86	13.48	1.50	1.48	0.013	7.80	8.84	0.92
Pipe - (186)	RS8	RS7	571.30	570.50	53.16	1.50	1.5	0.013	8.56	13.60	1.50
Pipe - (34)	RS4	RS3	570.45	569.60	56.58	1.50	1.5	0.013	8.29	11.92	1.14
Pipe - (35)	RS6	RS5	570.86	569.98	58.92	1.50	1.49	0.013	8.23	11.54	1.11
Pipe-64	Str_52	Str-136	560.05	559.89	31.39	3.00	0.51	0.013	6.90	26.30	1.59
Pipe-66	Str-141	Str-136	568.00	559.90	20.50	1.50	39.51	0.013	39.56	41.99	0.87
PP-1	TD-1	PJ-1	571.08	570.89	19.17	1.50	0.99	0.013	3.66	0.93	0.30

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
PP-10_ph1	TD-10_ph1	ES-12_ph1	571.98	571.87	11.32	1.50	0.97	0.013	5.66	4.55	0.70
PP-100	TD-9	RS8	571.60	571.30	13.38	1.50	2.24	0.013	9.56	10.70	0.91
PP-105	PJ-50	PJ-29	558.59	557.54	210.30	3.00	0.5	0.013	4.58	5.96	0.72
PP-106	PJ-51	PJ-50	559.10	558.59	103.06	3.00	0.49	0.013	4.57	6.00	0.72
PP-107	PJ-41	PJ-25	561.30	560.23	216.14	2.50	0.5	0.011	6.31	11.49	0.99
PP-11_ph1	TD-11_ph1	ES-14_ph1	571.80	569.23	12.31	1.50	20.88	0.013	20.43	8.42	0.43
PP-12_ph1	TD-12_ph1	ES-15_ph1	571.62	568.95	12.35	1.50	21.62	0.013	20.55	8.19	0.42
PP-13_ph1	TD-13_ph1	ES-16_ph1	571.83	568.92	13.58	1.50	21.43	0.013	16.67	4.05	0.29
PP-14	PJ-1	PJ-3	570.79	568.66	214.85	3.00	0.99	0.013	5.90	5.85	0.59
PP-15	PJ-2	PJ-3	570.80	570.36	45.69	2.00	0.96	0.013	7.24	12.18	1.06
PP-1sky	PJ-2Sky	Str_118	564.64	564.42	36.49	2.00	0.6	0.013	4.04	2.64	0.52
PP-2	TD-2	PJ-1	571.08	570.90	16.81	1.50	1.07	0.013	6.29	5.47	0.76
PP-20	PJ-8	PJ-9	568.17	566.56	239.49	2.50	0.67	0.013	7.53	25.08	1.61
PP-24	PJ-11	PJ-13	564.49	564.10	113.64	2.50	0.35	0.013	3.67	3.61	0.64
PP-25	PJ-14	PJ-13	565.25	564.10	231.47	2.50	0.5	0.013	5.64	11.80	1.11
PP-26	PJ-15	PJ-14	566.84	565.75	217.71	2.00	0.5	0.013	3.10	1.34	0.39
PP-27	TD-16	PJ-8	569.30	569.00	27.10	1.50	1.11	0.013	7.16	11.79	1.50
PP-28	TD-17	PJ-8	569.30	569.10	27.04	2.00	0.74	0.013	6.75	14.06	1.26
PP-29	TD-18	PJ-9	568.26	568.13	21.07	2.00	0.62	0.013	6.21	13.38	1.30
PP-3	TD-3	PJ-2	571.09	570.90	18.23	1.50	1.04	0.013	6.34	6.01	0.80
PP-30	TD-19	PJ-9	568.26	568.16	15.75	1.50	0.63	0.013	5.35	7.45	1.10
PP-31	TD-20	PJ-11	569.30	569.19	17.92	1.50	0.61	0.013	4.67	3.78	0.70
PP-32	TD-21	PJ-13	569.30	569.20	17.28	1.50	0.58	0.013	4.18	2.78	0.60
PP-33	TD-22	PJ-13	569.30	569.20	17.88	1.50	0.56	0.013	4.85	5.68	0.94
PP-34	TD-23	PJ-14	569.30	569.20	17.47	1.50	0.57	0.013	4.97	6.10	0.98

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
PP-35	TD-24	PJ-14	569.30	569.18	19.19	1.50	0.63	0.013	5.08	5.37	0.83
PP-36	TD-25	PJ-15	569.30	569.20	17.42	1.50	0.57	0.013	2.74	0.67	0.29
PP-37	TD-26	PJ-15	569.30	569.20	17.31	1.50	0.58	0.013	2.75	0.67	0.29
PP-38	PJ-16	PJ-17	555.24	552.26	280.43	3.00	1.06	0.013	7.79	14.78	0.94
PP-39	PJ-17	ES-29	551.26	551.00	37.75	4.00	0.69	0.013	8.99	48.29	1.77
PP-3Sky	PJ-4Sky	PJ-2Sky	568.50	564.64	322.03	1.50	1.2	0.013	0.00	0.00	0.00
PP-4	TD-4	PJ-2	571.09	570.92	16.94	1.50	1	0.013	6.21	6.27	0.83
PP-40	TD-27	PJ-16	562.63	562.46	15.10	2.00	1.13	0.013	7.70	12.40	1.02
PP-41	TD-30	PJ-17	562.67	562.50	16.61	2.50	1.02	0.013	9.42	33.77	1.71
PP-42	PJ-18	PJ-16	557.92	556.24	160.32	2.00	1.05	0.013	4.86	2.56	0.45
PP-45_pp20	PJ-20	PJ-21	565.45	565.00	85.00	2.00	0.53	0.013	3.26	1.50	0.41
PP-46	PJ-21	PJ-23	565.00	564.45	99.79	2.00	0.55	0.013	3.31	1.50	0.40
PP-47	PJ-22	PJ-23	552.25	550.50	291.29	4.00	0.6	0.013	9.44	72.29	2.35
PP-48	PJ-24	PJ-22	552.73	552.25	87.47	4.00	0.55	0.013	8.70	59.42	2.14
PP-48S	PJ-9	EJ-40-12	564.50	563.59	137.41	3.00	0.66	0.013	8.60	45.55	2.10
PP-49	PJ-25	PJ-24	553.28	552.73	92.13	4.00	0.6	0.013	8.98	59.49	2.08
PP-49S	PJ-13	PJ-25South	563.60	563.28	115.23	3.00	0.27	0.013	5.18	20.92	1.68
PP-4Sky	PJ-5Sky	PJ-2Sky	565.76	564.64	187.43	1.50	0.6	0.013	0.00	0.00	0.00
PP-5_ph1	TD-5_ph1	ES-6_ph1	571.58	566.71	12.37	1.50	39.37	0.013	24.42	7.17	0.33
PP-50	PJ-26	PJ-25	553.93	553.28	107.68	4.00	0.6	0.013	8.52	47.47	1.82
PP-51	PJ-27	PJ-26	554.80	554.43	61.06	3.50	0.61	0.013	7.36	26.74	1.41
PP-52	PJ-28	PJ-27	555.75	554.80	159.46	3.50	0.6	0.013	7.26	25.84	1.39
PP-53	PJ-29	PJ-28	557.54	556.25	214.39	3.00	0.6	0.013	6.63	17.47	1.20
PP-57	PJ-33	PJ-26	562.03	561.50	107.26	2.50	0.49	0.013	6.41	20.78	1.57
PP-6_ph1	TD-6_ph1	ES-7_ph1	571.76	568.90	11.53	1.50	24.8	0.013	21.35	7.88	0.39

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
PP-65	TD-1Sky	PJ-33	572.80	572.30	35.55	1.50	1.41	0.01	5.88	1.63	0.32
PP-7_ph1	TD-7_ph1	ES-9_ph1	571.35	568.98	12.40	1.50	19.11	0.013	19.45	7.89	0.42
PP-72	PJ-40	PJ-41	566.25	565.90	66.53	1.50	0.53	0.01	6.48	10.58	1.50
PP-8_ph1	TD-8_ph1	ES-10_ph_1	571.84	568.97	12.38	1.50	23.18	0.013	20.82	7.91	0.40
PP-83	PJ-39	SD2-J5	571.80	571.31	126.04	2.00	0.39	0.013	5.98	14.90	2.00
PP-84	TD-8	PJ-39	572.43	572.00	19.43	1.50	2.21	0.013	9.80	12.35	1.01
PP-85	TD-7	PJ-39	572.40	572.00	21.59	1.50	1.85	0.013	7.86	6.39	0.70
PP-9_ph1	TD-9_ph1	ES-11_ph1	571.75	568.96	12.35	1.50	22.59	0.013	20.26	7.41	0.39
PP-92	PJ-45	EJ-15	571.80	570.80	199.62	3.00	0.5	0.013	6.87	26.37	1.59
PT-Line1	MH-PJ-MOD3	RS_FF6	546.00	544.52	506.00	1.50	0.29	0.013	4.63	6.05	1.50
PT-Line2	RS_FF6	MH-FF2	544.52	539.79	1750.00	1.50	0.27	0.013	4.17	5.91	1.50
PT-Line3	MH-FF2	MH-FF3	539.79	538.17	605.00	1.50	0.27	0.013	4.24	5.87	1.50
RS_FF201	RS_FF7	RS_FF6	557.21	556.32	253.66	1.50	0.35	0.01	7.12	8.41	1.50
RS_FF202	RS_FF8	RS_FF7	557.73	557.21	100.00	1.50	0.52	0.01	7.43	10.34	1.50
RS_FF-205	RS32	RS_FF9	565.50	564.99	50.00	1.50	1.02	0.01	8.96	14.73	1.50
SD1-1	SD1-J1	SD1-J3	570.56	569.12	147.09	2.00	0.98	0.01	8.34	9.64	0.79
SD1-2	SD1-J3	SD1-J5	569.06	567.98	111.32	3.00	0.97	0.01	11.20	31.77	1.26
SD1-3	SD1-J5	SD1-J7	567.98	567.19	81.39	3.00	0.97	0.01	11.89	40.16	1.44
SD1-4	SD1-J7	BC-BB-F3-16330-0106	567.14	566.78	40.52	3.00	0.89	0.01	12.35	54.14	1.78
SD1-T1	SD1-J6	SD1-J7	568.80	567.14	15.00	2.00	11.07	0.01	22.18	14.14	0.51
SD1-T2	SD1-J4	SD1-J5	568.58	568.51	15.00	2.00	0.47	0.01	6.12	8.45	0.91
SD1-T3	SD1-J2	SD1-J3	569.15	569.06	15.00	2.00	0.6	0.01	8.26	22.10	1.59
SD2-1	SD2-J1	SD2-J3	571.82	571.52	71.71	2.00	0.42	0.01	4.37	2.87	0.53
SD2-2	SD2-J3	SD2-J5	571.52	571.27	124.97	2.50	0.2	0.01	4.73	10.64	1.16
SD2-3	SD2-J5	SD2-J7	571.27	571.01	131.68	3.00	0.2	0.01	6.11	32.17	2.09

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
SD2-4	SD2-J7	SD2-J8	570.96	570.88	46.54	3.00	0.17	0.01	6.02	36.93	3.00
SD2-5	SD2-J8	SD2-J9	570.82	570.66	89.65	3.00	0.18	0.01	6.41	39.23	3.00
SD2-6	SD2-J9	SD2-J10	570.61	570.37	134.18	3.00	0.18	0.01	6.80	38.12	2.79
SD2-7	SD2-J10	SD6-J11	570.31	569.77	288.13	3.00	0.19	0.01	7.46	40.41	3.00
SD2-T1	SD2-J2	SD2-J3	571.61	571.52	6.00	2.00	1.5	0.01	9.16	7.80	0.63
SD2-T2	SD2-J4	SD2-J5	571.73	571.52	6.00	2.00	3.5	0.01	12.28	7.51	0.50
SD2-T3	SD2-J6	SD2-J7	571.65	571.54	6.00	2.00	1.83	0.01	9.88	7.94	0.61
SD3-1	SD3-J1	SD3-J2	573.80	573.45	72.49	2.00	0.48	0.01	3.81	1.49	0.36
SD3-2	SD3-J2	SD3-J4	573.40	573.05	74.94	2.00	0.47	0.01	3.76	1.49	0.37
SD3-3	SD3-J4	SD3-J6	573.05	572.40	129.33	2.50	0.5	0.01	5.83	6.81	0.72
SD3-4	SD3-J6	SD3-J8	572.40	571.75	130.68	2.50	0.5	0.01	7.29	15.42	1.11
SD3-5	SD3-J8	SD2-J8	571.75	571.38	75.12	2.50	0.49	0.01	8.38	28.19	1.61
SD3-T1	SD3-J3	SD3-J4	573.11	573.05	13.00	2.00	0.46	0.01	5.38	5.34	0.71
SD3-T2	SD3-J5	SD3-J6	573.71	572.65	13.00	2.00	8.15	0.01	17.28	8.72	0.44
SD3-T3	SD3-J7	SD3-J8	572.06	572.00	13.00	2.00	0.46	0.01	6.74	12.85	1.17
SD6-1	SD6-J1	SD6-J3	573.90	573.35	120.18	1.17	0.46	0.01	0.00	0.00	0.00
SD6-10	SD6-J19	SD6-J20	569.94	569.93	35.36	3.00	0.03	0.01	2.94	15.02	3.00
SD6-11	SD6-J20	SD6-MH-PS4	569.93	569.14	70.73	3.00	1.12	0.01	9.59	15.04	0.82
SD6-12	SD6-MH-PS4	BC-BB-F3-18948	569.14	568.71	39.19	3.00	1.1	0.01	0.00	0.00	0.00
SD6-2	SD6-J3	SD6-J5	572.82	572.23	131.00	1.67	0.45	0.01	6.29	8.04	0.99
SD6-3	SD6-J5	SD6-J7	571.89	571.36	119.00	2.00	0.45	0.01	7.21	18.18	1.52
SD6-4	SD6-J7	SD6-J9	570.87	570.35	115.50	2.50	0.45	0.01	8.14	29.01	1.71
SD6-5	SD6-J9	SD6-J11	570.35	569.74	134.50	2.50	0.45	0.01	8.91	38.07	2.50
SD6-6	SD6-J11	SD6-J13	569.74	569.15	131.00	2.50	0.45	0.01	9.71	36.31	2.50
SD6-7	SD6-J13	SD6-J15	569.15	568.62	119.00	2.50	0.45	0.01	10.55	36.69	2.50

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
SD6-8	SD6-J15	SD6-J17	568.12	567.71	90.55	3.00	0.45	0.01	9.16	46.41	2.02
SD6-9	SD6-J17	SD6-J19	567.71	567.39	70.65	3.00	0.45	0.01	9.40	56.48	2.37
SD6-T1	SD6-J2	SD6-J3	574.08	573.16	31.11	1.00	2.96	0.01	11.53	8.08	1.00
SD6-T2	SD6-J4	SD6-J5	574.26	572.41	39.60	1.00	4.67	0.01	14.53	10.37	1.00
SD6-T3	SD6-J6	SD6-J7	574.23	571.63	31.11	1.00	8.36	0.01	19.00	10.96	0.69
SD6-T4	SD6-J8	SD6-J9	574.28	571.11	28.85	1.00	10.99	0.01	21.19	10.89	0.62
SD6-T5	SD6-J10	SD6-J11	574.24	570.50	31.11	1.00	12.02	0.01	21.98	10.96	0.61
SD6-T6	SD6-J12	SD6-J13	574.29	569.91	39.60	1.00	11.06	0.01	21.16	10.69	0.61
SD6-T7	SD6-J14	SD6-J15	574.24	569.13	31.11	1.00	16.43	0.01	24.72	10.83	0.55
SD6-T8	SD6-J16	SD6-J17	574.30	568.72	28.98	1.00	19.25	0.01	25.80	10.07	0.50
SD6-T9	SD6-J18	SD6-J19	574.08	567.29	111.30	1.00	6.1	0.01	13.86	4.67	0.45
ST501	RS9	BC-BB-F3-18946	565.22	565.13	30.61	3.00	0.29	0.013	5.83	35.31	2.40
ST502	RS32	RS9	565.40	565.22	60.87	3.00	0.3	0.013	5.85	35.36	2.39
ST601	RS1	RS32	565.60	565.50	25.00	3.00	0.4	0.013	5.28	13.29	1.14
ST602	RS3	RS32	565.80	565.50	100.00	3.00	0.3	0.013	5.90	36.23	2.43
ST603	RS5	RS3	566.18	565.80	125.00	3.00	0.3	0.013	5.57	24.41	1.78
ST604	RS7	RS5	566.70	566.18	175.00	3.00	0.3	0.013	5.42	13.37	1.25
ST701	RS85	ES-17_ph1	563.00	562.84	52.77	3.00	0.3	0.013	5.67	26.77	1.90
ST702	RS83	RS85	563.39	563.00	127.39	3.00	0.31	0.013	5.20	18.07	1.48
ST703	RS81	RS83	564.14	563.39	149.99	3.00	0.5	0.013	5.46	11.13	0.99
ST704	RS78	RS81	564.51	564.14	75.08	3.00	0.49	0.013	5.01	8.42	0.86
TD-3B	D3-J2	D3-J3	574.66	573.57	31.11	1.00	3.5	0.01	12.72	8.83	1.00
TD-3C	D3-J4	D3-J5	574.60	573.22	31.07	1.00	4.44	0.01	14.13	9.26	0.78
TD-3D	D3-J6	D3-J7	574.51	572.57	31.11	1.00	6.24	0.01	16.36	9.27	0.68
TD-3E	D3-J8	D3-J9	574.49	572.18	39.60	1.00	5.83	0.01	15.91	9.26	0.69

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
TD-3F	D3-J10	D3-J11	574.38	571.57	31.11	1.00	9.03	0.01	19.01	9.42	0.60
TD-3G	D3-J12	D3-J13	574.35	571.23	31.07	1.00	10.04	0.01	20.27	10.44	0.62
TD-3H	D3-J14	D3-J15	574.19	570.82	31.11	1.00	10.83	0.01	20.94	10.58	0.61
TD-3J	D3-J16	D3-J17	574.13	570.43	39.60	1.00	9.34	0.01	19.56	10.08	0.62
TD-3K2	D3-J26	D3-J25	573.49	573.14	78.60	1.00	0.45	0.01	5.60	3.24	1.00
TD-3K3	D3-J24	D3-J23	573.45	572.50	113.49	1.00	0.84	0.01	6.49	3.81	1.00
TD-3K4	D3-J22	D3-J21	573.87	572.20	39.60	1.00	4.22	0.01	12.54	5.53	0.55
TD-3K5	D3-J20	D3-J19	573.95	571.53	31.11	1.00	7.78	0.01	16.96	7.36	0.54

Table 8. Proposed Final Conditions Subbasins

DA ID	Outfall	DA Area (ac)	C	Tc (min)	I (in/hr)	Q100 (cfs)
P01	PJ-23	2.73	0.95	10	9.305	24.13
P02	J40	1.70	0.95	10	9.305	15.03
P03	J62	1.04	0.95	10	9.305	9.19
P04	PJ-37	1.23	0.95	10	9.305	10.87
P05	PJ-27	1.37	0.95	10	9.305	12.11
P06	J69	1.82	0.95	10	9.305	16.09
P07	J66	2.48	0.95	10	9.305	21.92
P22	PJ-23	2.76	0.95	10	9.305	24.40
P23	J31	2.60	0.95	10	9.305	22.98
P24	J34	1.10	0.95	10	9.305	9.72
P25	J24	1.12	0.95	10	9.305	9.90
P26	J21	0.54	0.95	10	9.305	4.77
P27	J14	0.73	0.95	10	9.305	6.45
P28	J12	1.08	0.95	10	9.305	9.55
P29	J10	1.47	0.95	10	9.305	13.00
P30	J08	1.85	0.95	10	9.305	16.35
P31	J16	1.47	0.95	10	9.305	13.00
P32	J01	3.38	0.95	10	9.305	29.88
P38	PJ-18	4.64	0.95	10	9.305	41.02
P39	PJ-13	1.28	0.95	10	9.305	11.32
P40	PJ-12	0.84	0.95	10	9.305	7.43
P41	PJ-11	0.99	0.95	10	9.305	8.75
P42	PJ-6	1.01	0.95	10	9.305	8.93
P43	PJ-5	1.86	0.95	10	9.305	16.44

Table 9. Proposed Final Conditions Nodes (100-YR)

Node ID	Element Type	Rim EL. (ft)	Invert EL. (ft)	Peak Inflow (cfs)	Max HGL (ft)
J01	Junction	573.50	565.03	29.88	573.50
J08	Junction	573.50	563.46	16.35	564.99
J10	Junction	573.50	562.67	12.99	563.95
J12	Junction	573.50	561.88	9.55	562.93
J14	Junction	573.50	561.10	6.45	561.94
J16	Junction	573.50	564.24	12.99	565.52

Node ID	Element Type	Rim EL. (ft)	Invert EL. (ft)	Peak Inflow (cfs)	Max HGL (ft)
J21	Junction	573.50	560.49	4.77	561.20
J22	Junction	573.50	556.12	0.00	556.12
J24	Junction	573.50	559.91	9.90	560.98
J31	Junction	573.50	558.91	22.98	573.50
J34	Junction	573.50	558.05	9.72	559.07
J40	Junction	573.50	557.14	15.03	558.42
J62	Junction	573.50	556.35	9.19	557.33
J66	Junction	573.50	554.06	21.92	573.50
J69	Junction	573.50	554.73	16.09	556.24
J70	Junction	573.50	550.36	108.09	555.94
PJ-36	Junction	573.50	557.86	188.10	561.33
PJ-South	Junction	576.20	554.05	75.05	556.27
J61	Outfall	0.00	548.47	78.05	549.81
J71	Outfall	0.00	546.86	108.05	548.58
Detention	Storage Node	573.50	557.74	188.08	557.74
PJ-14	Storage Node	574.03	560.84	122.38	574.03
PJ-17	Storage Node	575.00	559.26	161.40	562.65
PJ-18	Storage Node	578.25	560.65	41.02	578.25
PJ-20	Storage Node	575.00	558.41	178.71	561.77
PJ-22	Storage Node	575.00	557.50	34.32	558.84
PJ-23	Storage Node	578.03	559.46	48.53	578.03
PJ-26	Storage Node	574.46	555.83	67.74	557.68
PJ-3	Storage Node	575.00	563.84	55.32	574.34
PJ-30	Storage Node	575.03	553.62	33.41	554.58

Table 10. Proposed Final Conditions Inlets (100-YR)

Node ID	Inlet Type	Depth (ft)	Rim EL. (ft)	Invert EL. (ft)	Max Peak Flow WSEL on Gutter
PJ-1	FHWA HEC-22 GENERIC	8.53	573.50	564.97	573.69
PJ-10	FHWA HEC-22 GENERIC	12.46	573.50	561.04	573.69
PJ-11	FHWA HEC-22 GENERIC	11.04	573.50	562.46	574.17
PJ-12	FHWA HEC-22 GENERIC	11.94	573.50	561.56	574.10
PJ-13	FHWA HEC-22 GENERIC	11.04	573.50	562.46	574.25
PJ-15	FHWA HEC-22 GENERIC	13.29	573.50	560.21	573.69
PJ-16	FHWA HEC-22 GENERIC	13.83	573.50	559.67	573.69

Node ID	Inlet Type	Depth (ft)	Rim El. (ft)	Invert El. (ft)	Max Peak Flow WSEL on Gutter
PJ-19	FHWA HEC-22 GENERIC	14.65	573.50	558.85	573.69
PJ-2	FHWA HEC-22 GENERIC	9.32	573.50	564.18	573.69
PJ-21	FHWA HEC-22 GENERIC	15.52	573.50	557.98	573.82
PJ-24	FHWA HEC-22 GENERIC	16.44	573.50	557.06	573.69
PJ-25	FHWA HEC-22 GENERIC	17.22	573.50	556.28	573.69
PJ-27	FHWA HEC-22 GENERIC	17.44	573.50	556.06	574.21
PJ-28	FHWA HEC-22 GENERIC	18.83	573.50	554.67	573.69
PJ-29	FHWA HEC-22 GENERIC	19.55	573.55	554.00	573.74
PJ-37	FHWA HEC-22 GENERIC	18.82	573.50	554.68	574.24
PJ-5	FHWA HEC-22 GENERIC	8.94	573.50	564.56	574.41
PJ-6	FHWA HEC-22 GENERIC	8.04	573.50	565.46	574.20
PJ-7	FHWA HEC-22 GENERIC	10.10	573.50	563.40	573.69
PJ-8	FHWA HEC-22 GENERIC	10.89	573.50	562.61	573.69
PJ-9	FHWA HEC-22 GENERIC	11.68	573.50	561.82	573.69

Table 11. Proposed Final Conditions Pipes (100-YR)

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
C6061	PJ-37	J61	554.68	548.47	220.01	6	2.82	0.013	16.55	78.05	1.34
C6870	PJ-30	J70	553.62	550.36	180.49	6.5	1.81	0.013	10.94	33.36	0.96
C7071	J70	J71	550.36	546.86	193.69	6.5	1.81	0.013	15.39	108.05	1.72
PP-1	PJ-1	PJ-2	564.97	564.18	131.00	3	0.6	0.013	6.99	19.19	1.24
PP-10	PJ-10	PJ-14	561.04	560.84	32.49	4	0.62	0.013	10.22	95.76	2.83
PP-11	PJ-12	PJ-14	561.56	560.84	119.99	2.5	0.6	0.013	7.30	26.98	1.77
PP-12	PJ-11	PJ-12	562.46	561.56	149.98	2	0.6	0.013	6.60	8.62	0.99
PP-13	PJ-13	PJ-12	562.46	561.56	149.98	2	0.6	0.013	7.07	11.18	1.16
PP-14	PJ-14	PJ-15	560.84	560.21	105.01	4	0.6	0.013	10.73	120.38	3.71
PP-15	PJ-15	PJ-16	560.21	559.67	90.23	5	0.6	0.013	11.14	120.61	2.77
PP-16	PJ-16	PJ-17	559.67	559.26	68.93	5	0.59	0.013	10.93	129.78	2.92
PP-17	PJ-18	PJ-17	560.65	559.26	233.80	2.5	0.59	0.013	8.35	34.16	2.28
PP-18	PJ-17	PJ-19	559.26	558.85	68.49	5	0.6	0.013	11.45	161.27	3.38
PP-19	PJ-19	PJ-20	558.85	558.41	72.39	5	0.61	0.013	11.69	178.71	3.64
PP-2	PJ-2	PJ-3	564.18	563.84	56.48	3	0.6	0.013	7.62	30.47	1.65
PP-20	PJ-20	PJ-21	558.41	557.98	72.37	5.5	0.59	0.013	11.76	178.61	3.36
PP-21	PJ-23	PJ-22	559.46	557.50	327.00	2.5	0.6	0.013	8.74	34.32	2.27
PP-22	PJ-22	PJ-24	557.50	557.06	72.52	5.5	0.61	0.013	7.66	33.32	1.32
PP-23	PJ-24	PJ-25	557.06	556.28	130.98	5.5	0.6	0.013	8.26	46.69	1.58
PP-24	PJ-26	PJ-37	555.83	554.68	191.28	6	0.6	0.013	9.16	67.61	1.85
PP-25	PJ-25	PJ-26	556.28	555.83	74.88	5.5	0.6	0.013	8.73	55.75	1.73
PP-26	PJ-27	PJ-26	556.06	555.83	38.10	4	0.6	0.013	5.82	12.08	0.89
PP-27	PJ-28	PJ-29	554.67	554.00	111.10	4	0.6	0.013	6.33	15.97	1.02
PP-28	PJ-29	PJ-30	554.00	553.62	63.53	4	0.6	0.013	7.86	33.41	1.50

Pipe ID	U/S ID	D/S ID	U/S FL (ft)	D/S FL (ft)	Length (ft)	Diameter (ft)	Slope (%)	Manning's Roughness	Peak Flow Velocity (ft/s)	Qpeak (cfs)	Peak Flow Depth (ft)
PP-3	PJ-5	PJ-3	564.56	563.84	119.98	2.5	0.6	0.013	7.20	24.94	1.67
PP-32	J01	PJ-1	565.03	564.97	10.00	2	0.6	0.013	6.50	18.87	2.00
PP-33	J16	PJ-2	564.24	564.18	10.00	2	0.6	0.013	6.11	12.99	1.28
PP-34	J08	PJ-7	563.46	563.40	10.00	2	0.6	0.013	6.34	16.33	1.53
PP-35	J10	PJ-8	562.67	562.61	10.00	2	0.6	0.013	6.11	12.99	1.28
PP-36	J12	PJ-9	561.88	561.82	9.97	2	0.6	0.013	5.70	9.54	1.05
PP-37	J14	PJ-10	561.10	561.04	10.00	2	0.6	0.013	5.15	6.45	0.84
PP-38	J21	PJ-15	560.49	560.21	46.44	2	0.6	0.013	5.00	4.75	0.71
PP-39	J24	PJ-16	559.91	559.67	39.04	2	0.61	0.013	5.81	9.87	1.07
PP-40	J31	PJ-19	558.91	558.85	10.02	2	0.6	0.013	6.49	18.87	2.00
PP-41	J34	PJ-21	558.05	557.98	10.00	2	0.7	0.013	6.07	9.72	1.02
PP-42	J40	PJ-24	557.14	557.06	10.00	2	0.8	0.013	7.06	15.02	1.28
PP-43	J62	PJ-25	556.35	556.28	10.00	2	0.7	0.013	5.98	9.19	0.98
PP-44	J22	PJ-27	556.12	556.06	10.00	2	0.6	0.013	0.00	0.00	0.00
PP-45	J69	PJ-28	554.73	554.67	10.00	2	0.6	0.013	6.33	16.07	1.51
PP-46	J66	PJ-29	554.06	554.00	10.08	2	0.6	0.013	6.47	18.81	2.00
PP-47	PJ-21	PJ-36	557.98	557.86	20.00	5.5	0.6	0.013	11.93	188.10	3.46
PP-48	PJ-36	Detention	557.86	557.74	20.00	5.5	0.6	0.013	11.93	188.08	3.46
PP-49	Detention	PJ-22	557.74	557.50	40.00	2.5	0.6	0.013	0.00	0.00	0.00
PP-5	PJ-6	PJ-5	565.46	564.56	149.98	2	0.6	0.013	6.51	8.80	1.00
PP-6	PJ-3	PJ-7	563.84	563.40	74.49	3	0.59	0.013	8.83	55.46	2.78
PP-7	PJ-7	PJ-8	563.40	562.61	131.07	3.5	0.6	0.013	9.47	69.05	2.55
PP-8	PJ-8	PJ-9	562.61	561.82	130.89	3.5	0.6	0.013	9.54	84.39	3.22
PP-9	PJ-9	PJ-10	561.82	561.04	130.98	4	0.6	0.013	10.33	90.15	2.72
PP-South	PJ-South	J70	554.05	553.72	54.31	4.5	0.61	0.013	9.59	75.06	2.22

Appendix C

EPASWMM Results

For Comparison Points

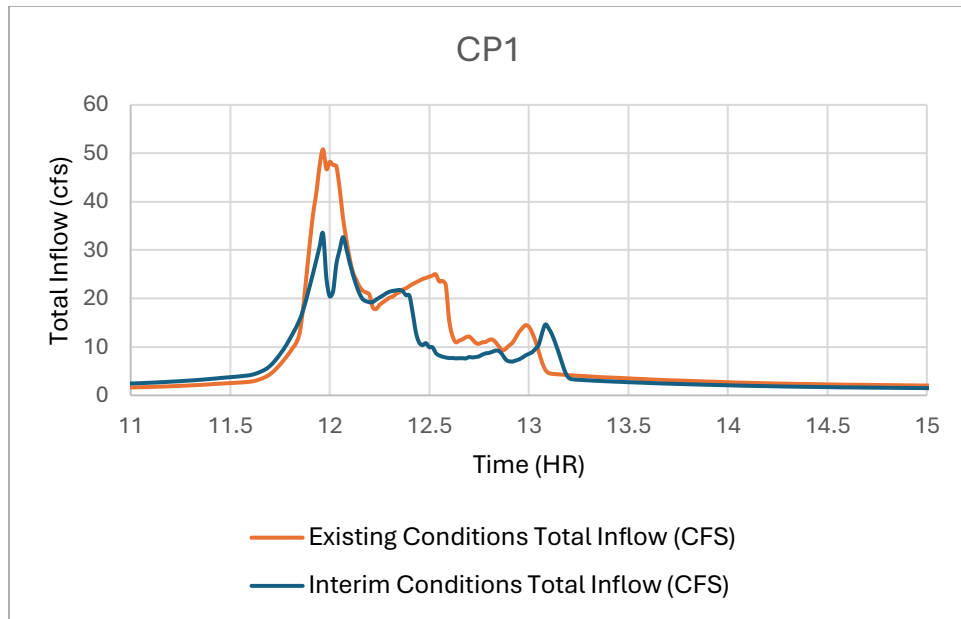


Figure 1. CP1 100-Year Flow Hydrograph Comparison-Interim Conditions

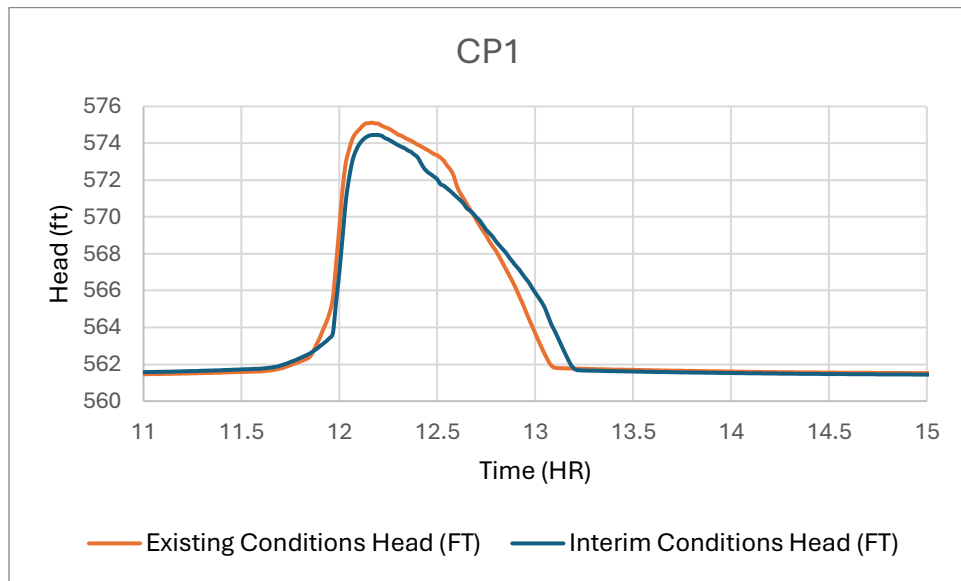


Figure 2. CP1 100-Year Head Comparison-Interim Conditions

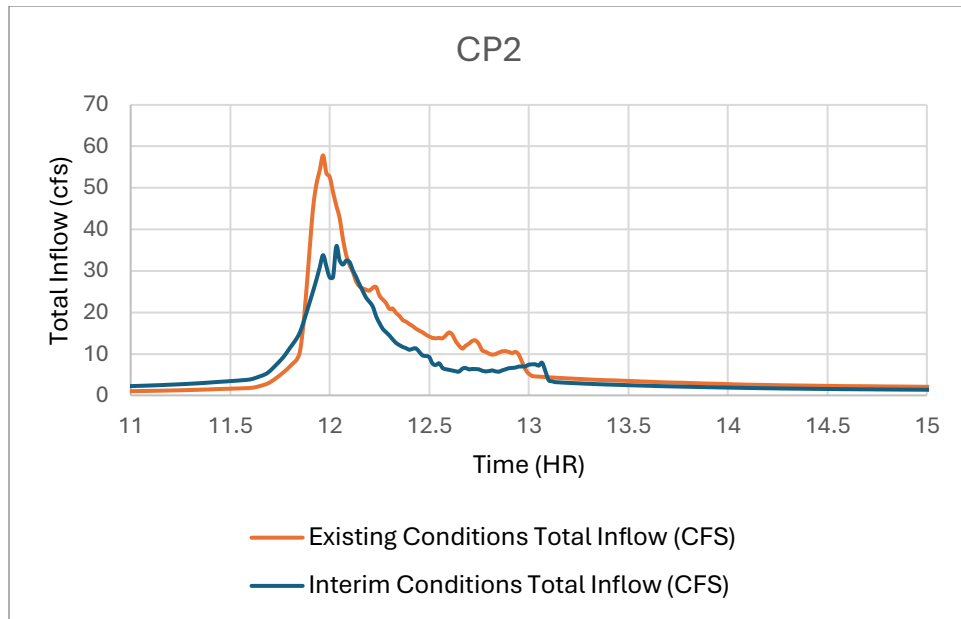


Figure 3. CP2 100-Year Flow Hydrograph Comparison-Interim Conditions

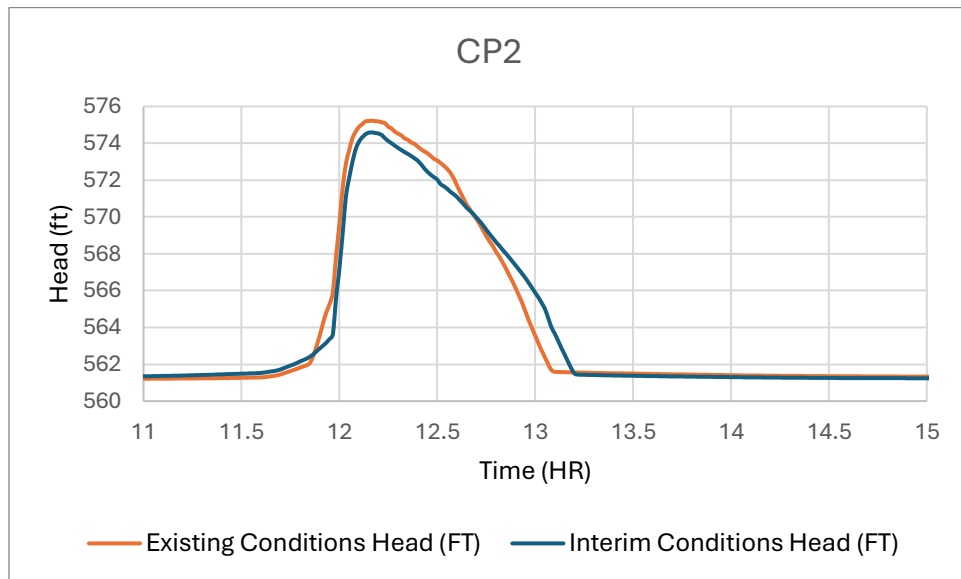


Figure 4. CP2 100-Year Head Comparison-Interim Conditions

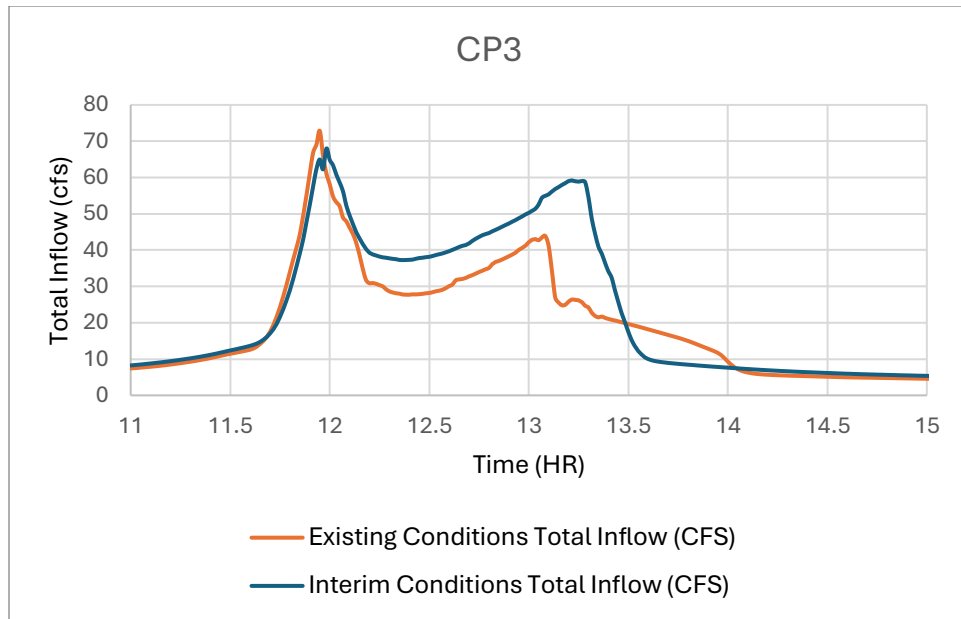


Figure 5. CP3 100-Year Flow Hydrograph Comparison-Interim Conditions

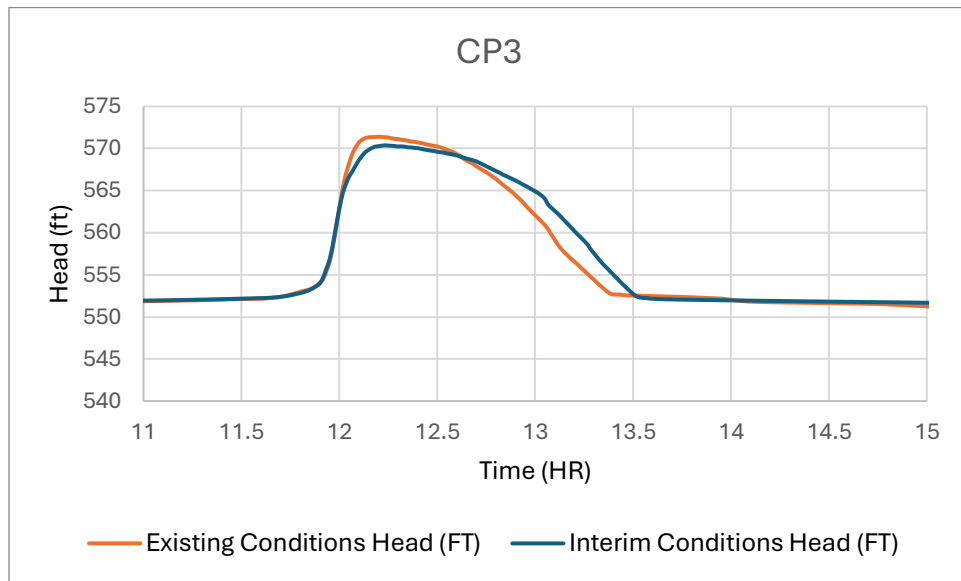


Figure 6. CP3 100-Year Head Comparison-Interim Conditions

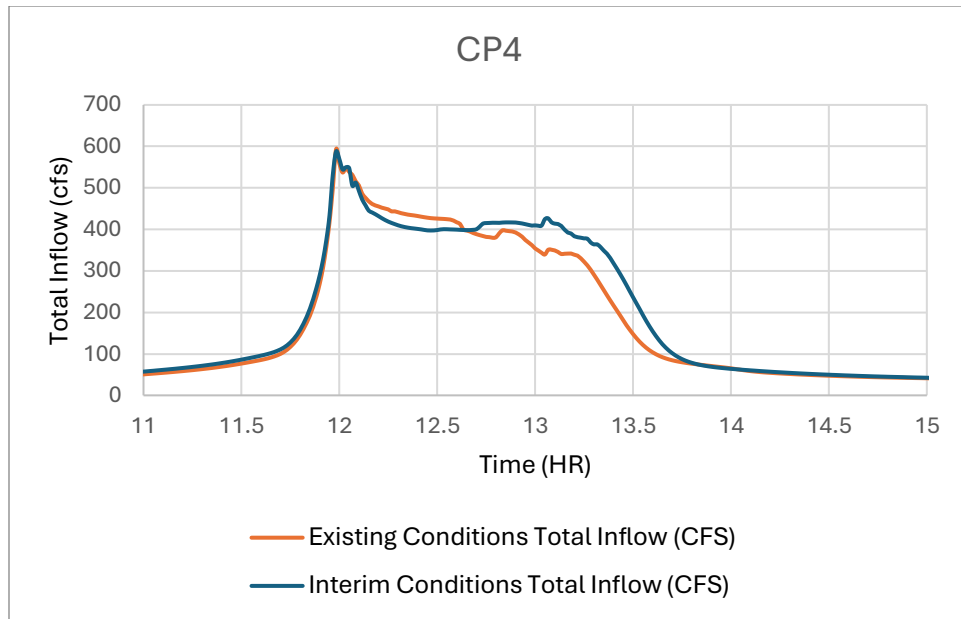


Figure 7. CP4 100-Year Flow Hydrograph Comparison-Interim Conditions

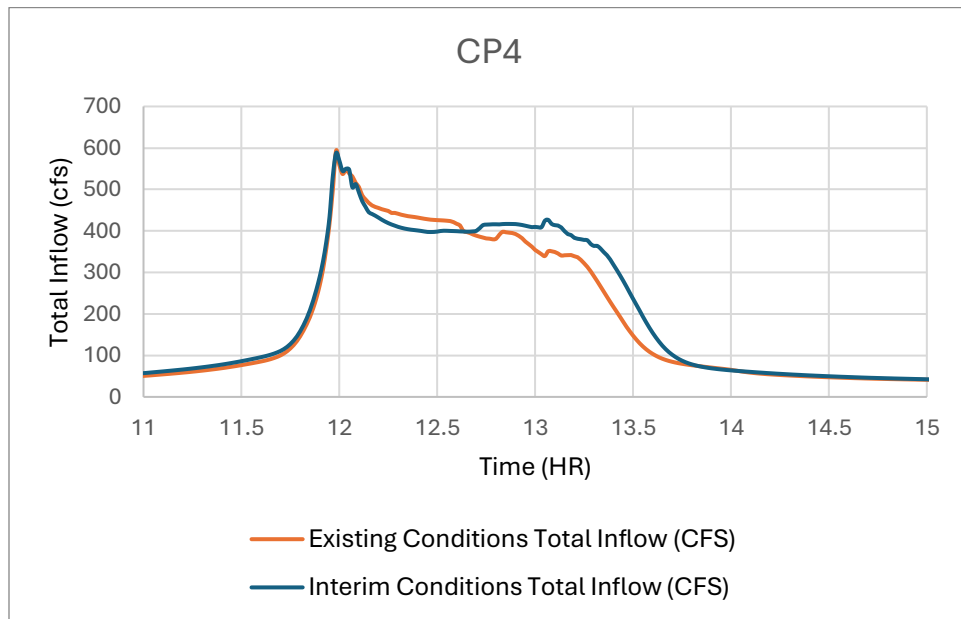


Figure 8. CP4 100-Year Head Comparison-Interim Conditions

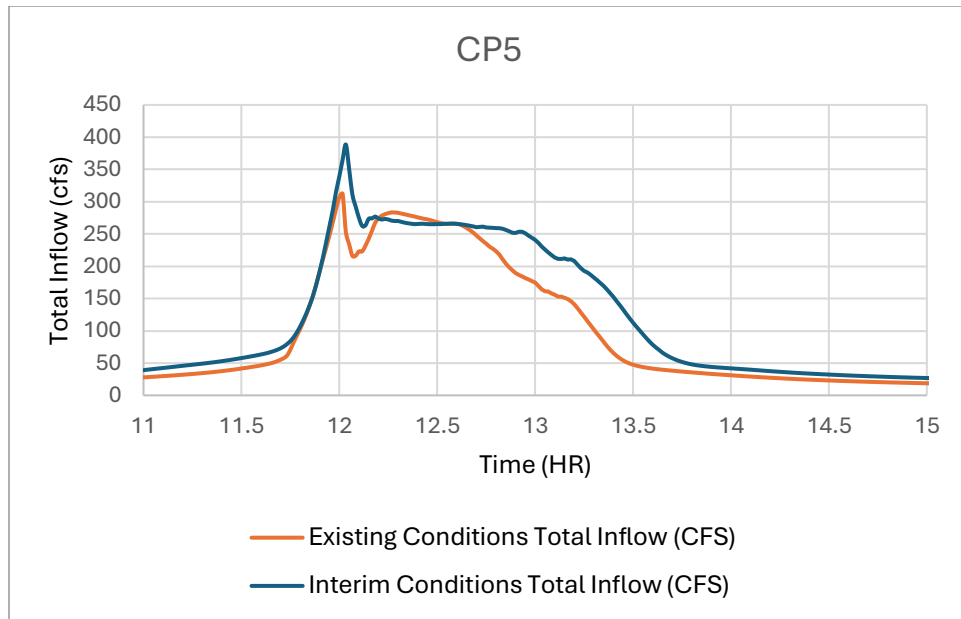


Figure 9. CP5 100-Year Flow Hydrograph Comparison-Interim Conditions

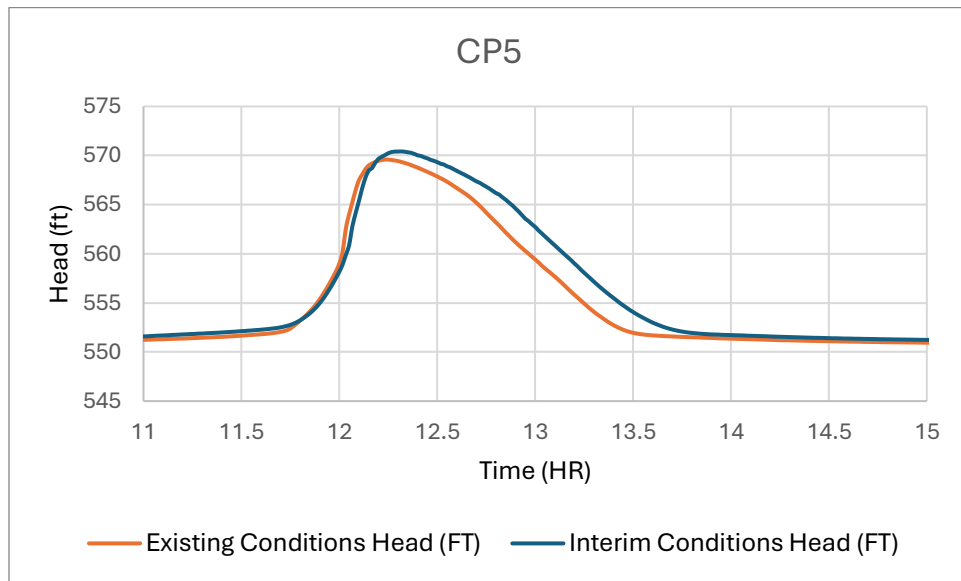


Figure 10. CP5 100-Year Head Comparison-Interim Conditions

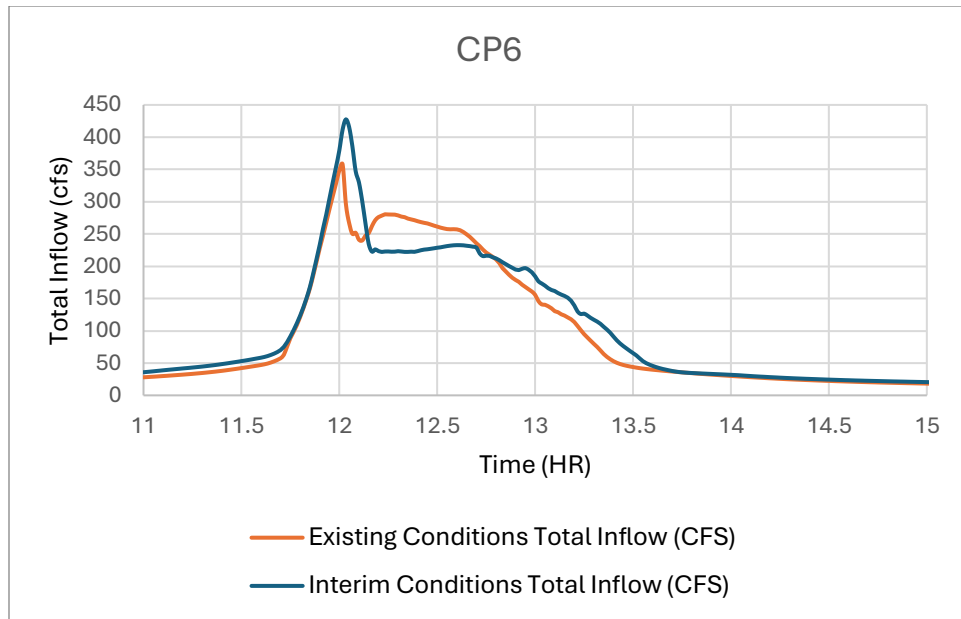


Figure 11. CP6 100-Year Flow Hydrograph Comparison-Interim Conditions

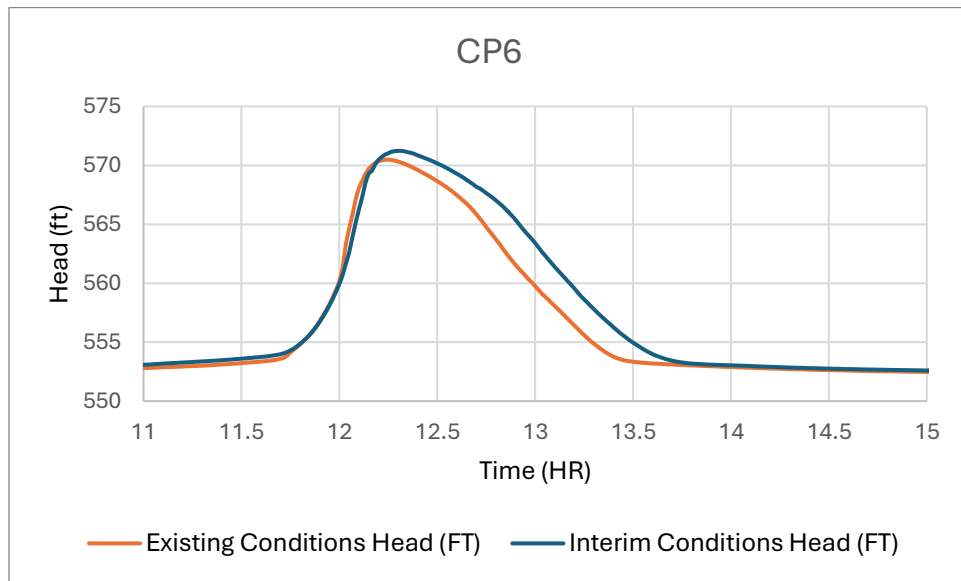


Figure 12. CP6 100-Year Head Comparison-Interim Conditions

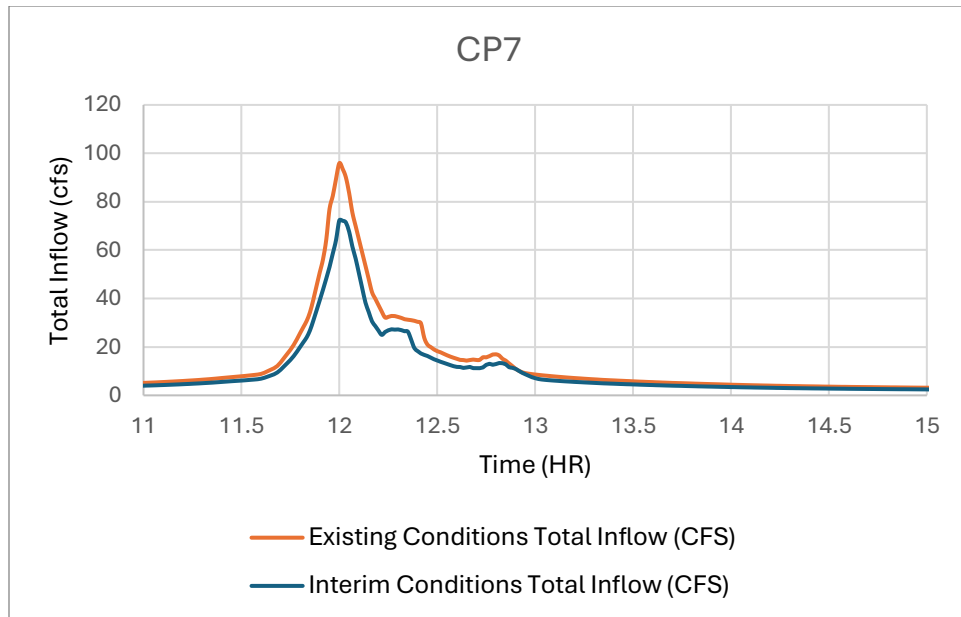


Figure 13. CP7 100-Year Flow Hydrograph Comparison-Interim Conditions

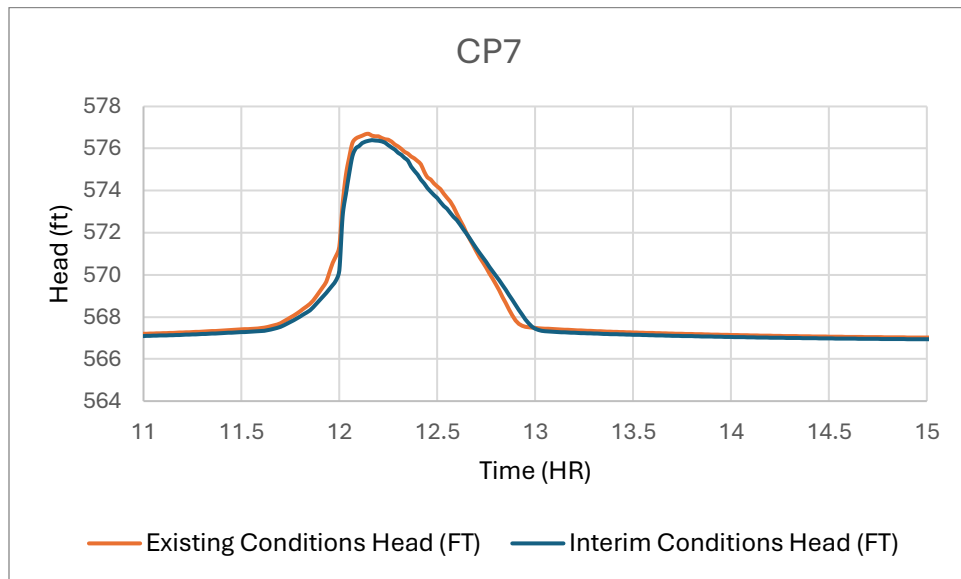


Figure 14. CP7 100-Year Head Comparison-Interim Conditions

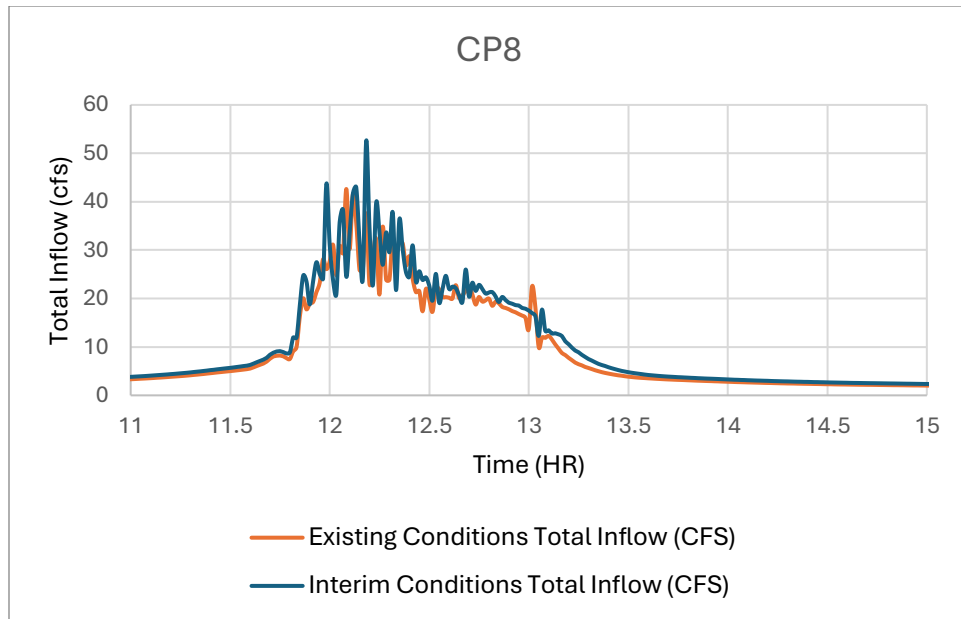


Figure 15. CP8 100-Year Flow Hydrograph Comparison-Interim Conditions

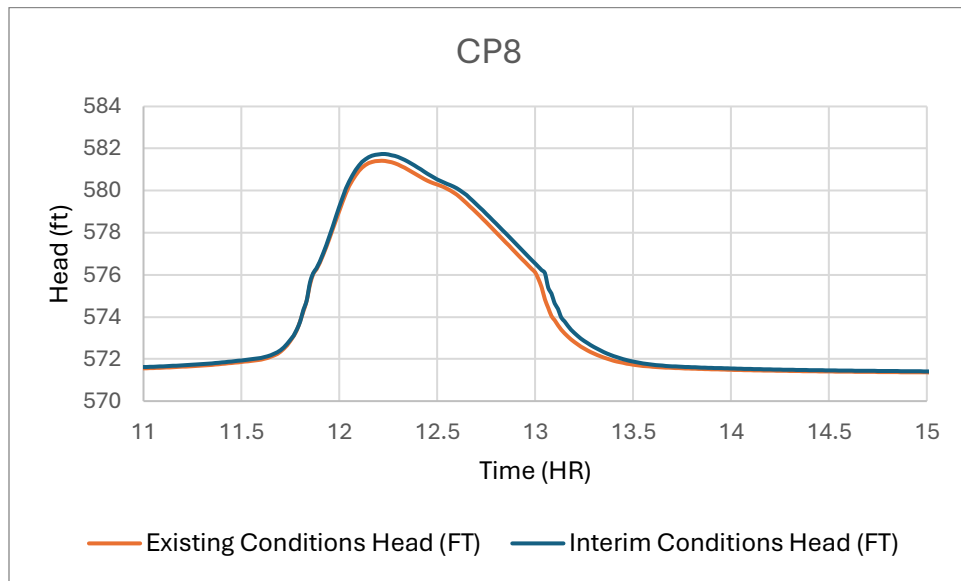


Figure 16. CP8 100-Year Head Comparison-Interim Conditions

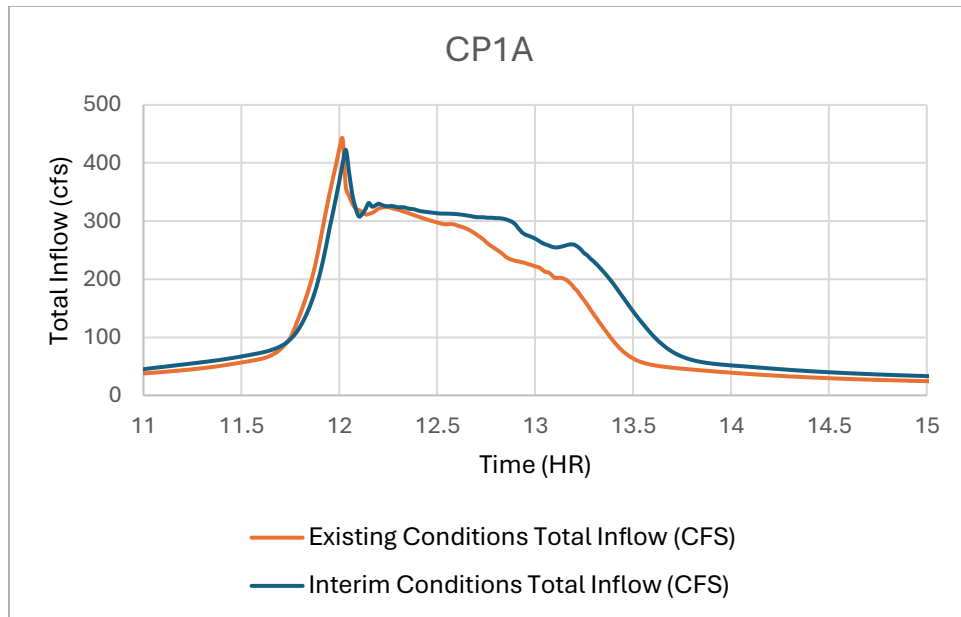


Figure 17. CP1A 100-Year Flow Hydrograph Comparison-Interim Conditions

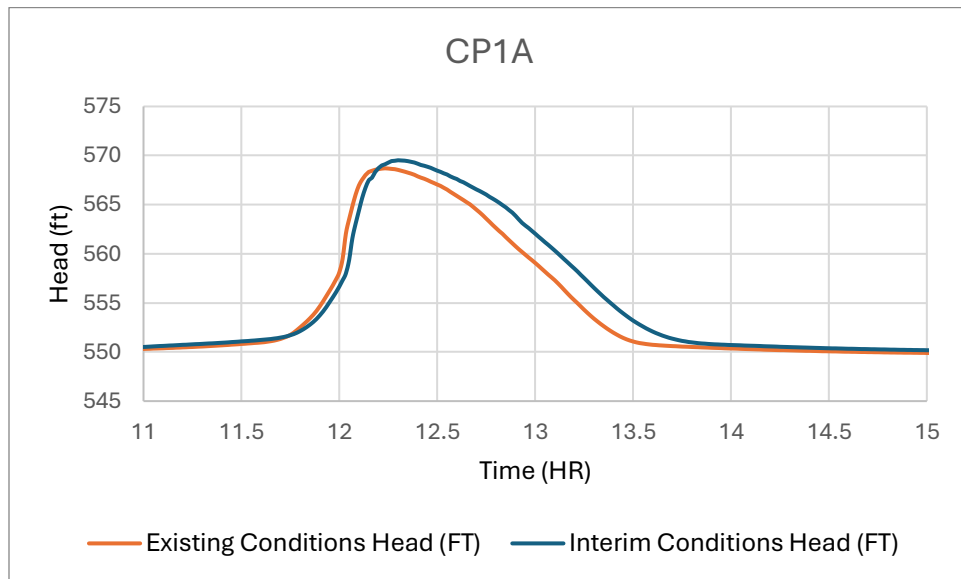


Figure 18. CP1A 100-Year Head Comparison-Interim Conditions

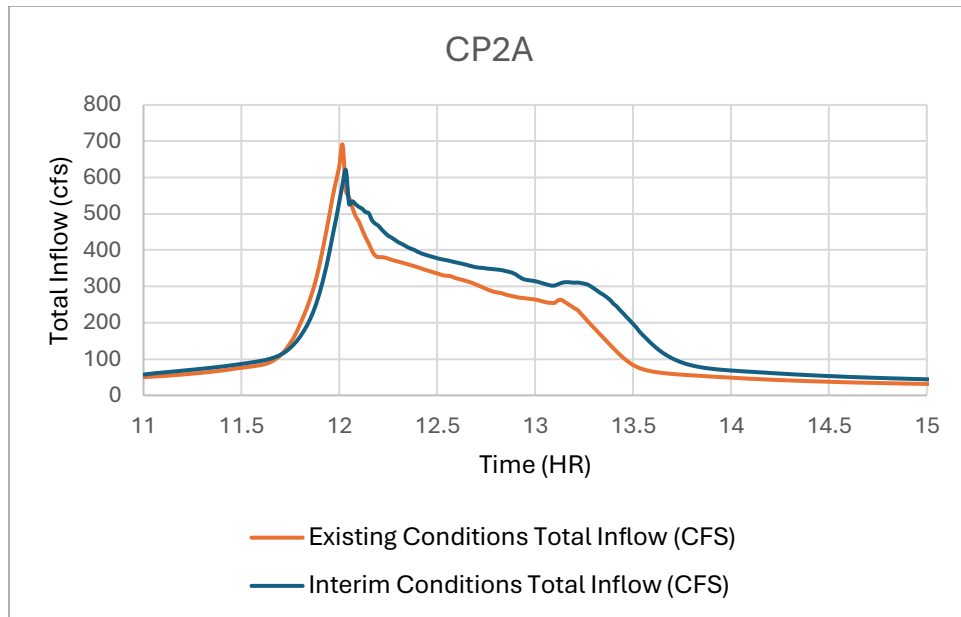


Figure 19. CP2A 100-Year Flow Hydrograph Comparison-Interim Conditions

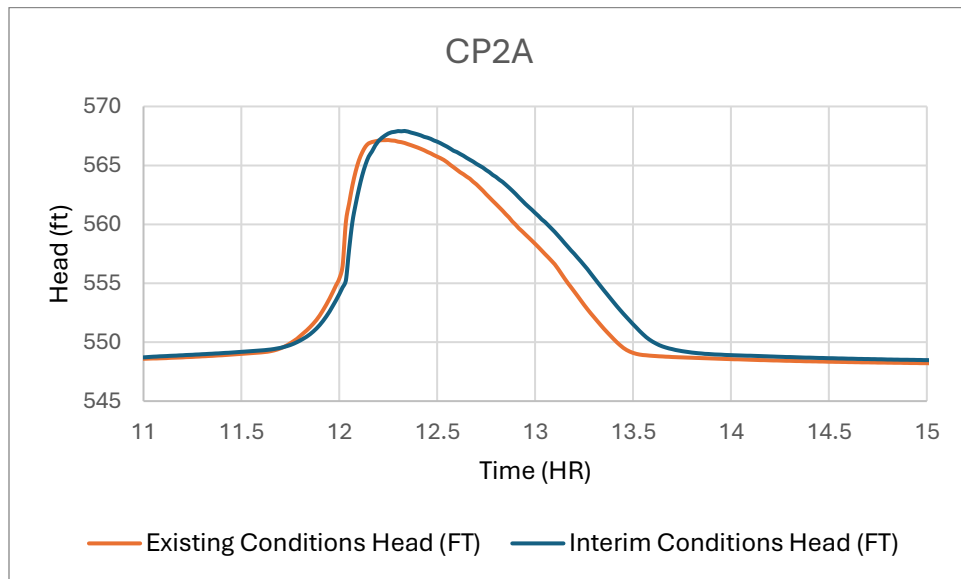


Figure 20. CP2A 100-Year Head Comparison-Interim Conditions

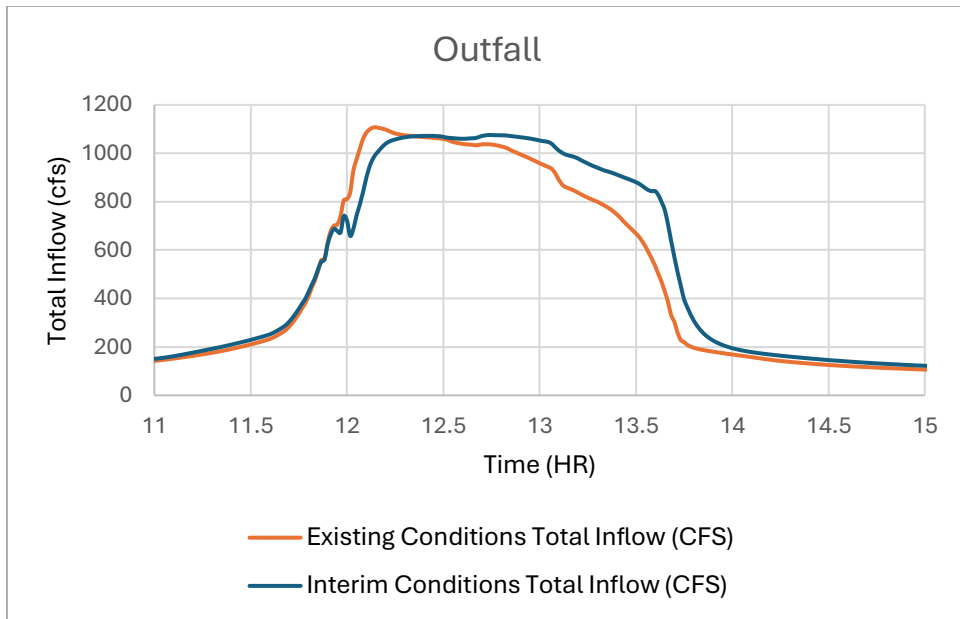


Figure 21. Outfall 100-Year Flow Hydrograph Comparison-Interim Conditions

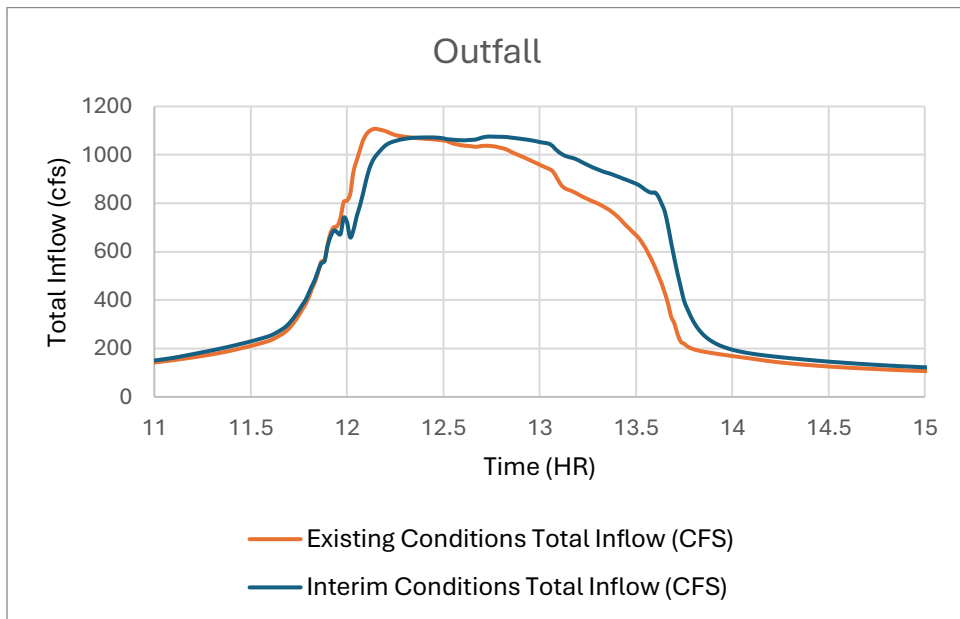


Figure 22. Outfall 100-Year Head Comparison-Interim Conditions

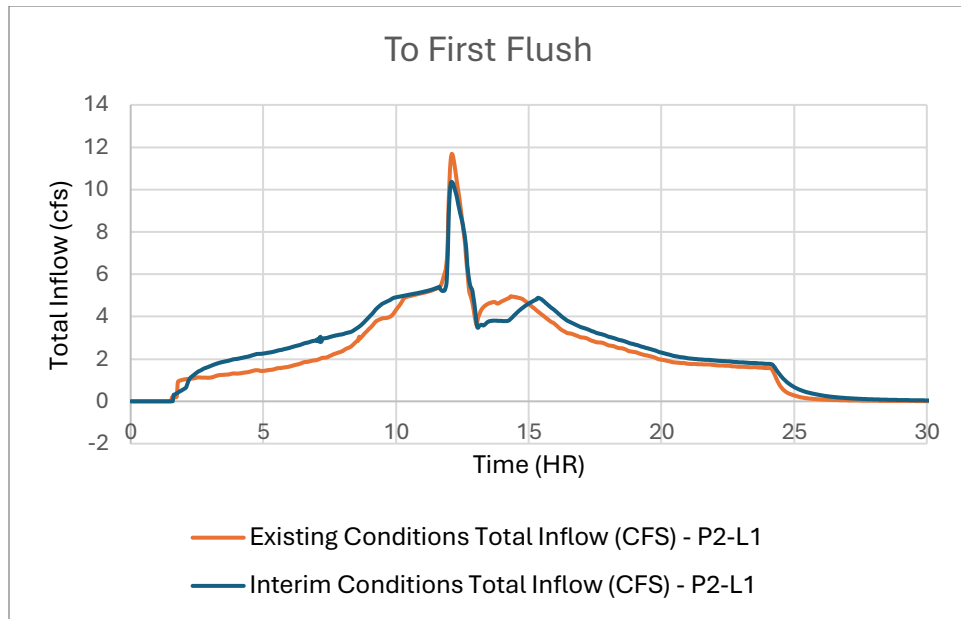


Figure 23. Flow to First Flush - Southside - Terminal F

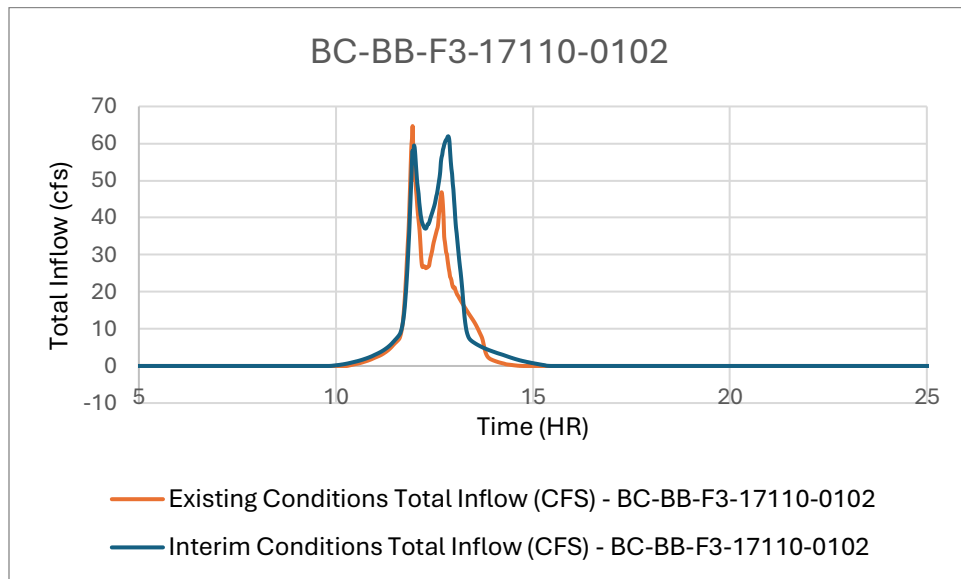


Figure 24. Flow to Storm Sewer - Southside - Terminal F

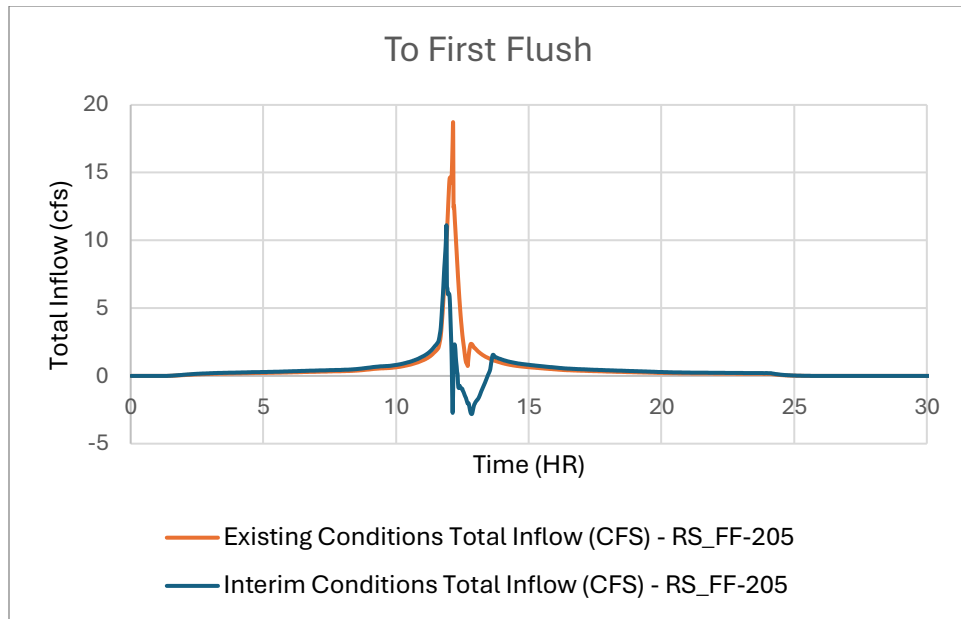


Figure 25. Flow to First Flush - North Hardstand Detention

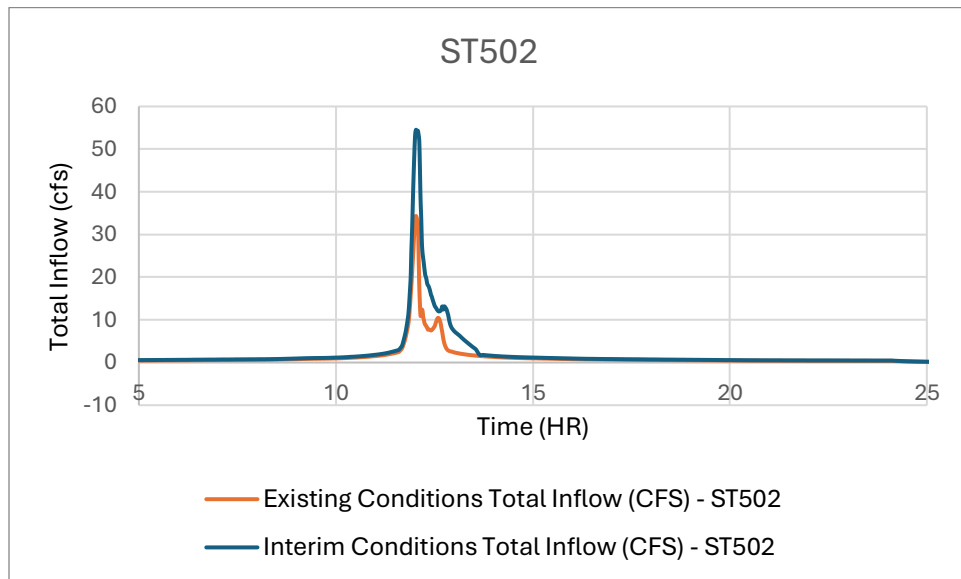


Figure 26. Flow to Storm Sewer - North Hardstand Detention

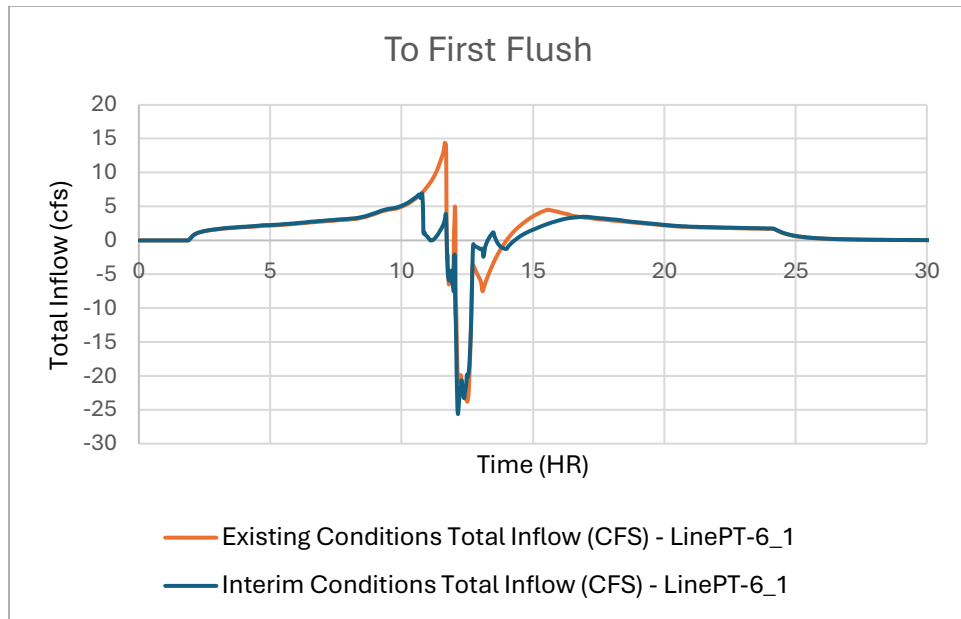


Figure 27. Flow to First Flush - South Terminal D Detention

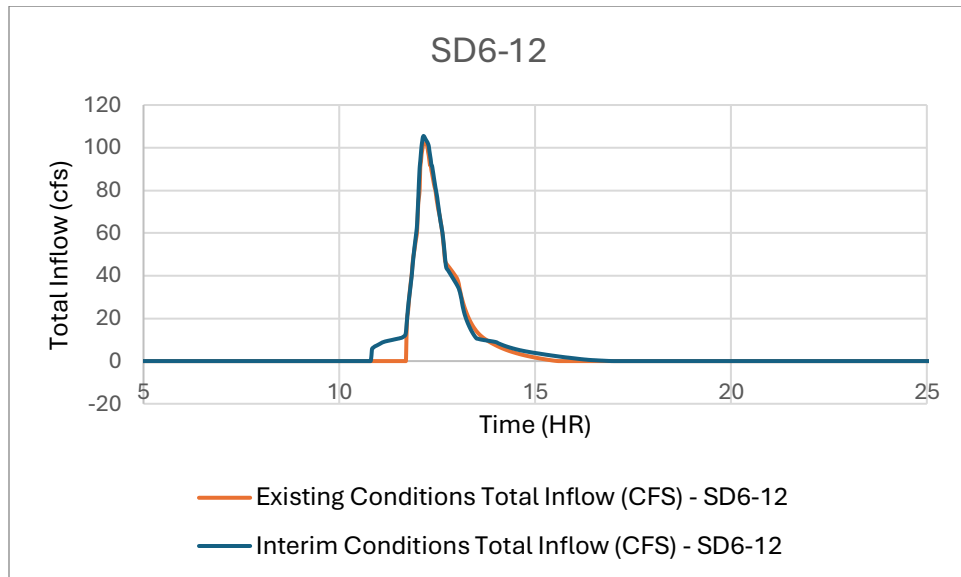


Figure 28. Flow to Storm Sewer - South Terminal D Detention

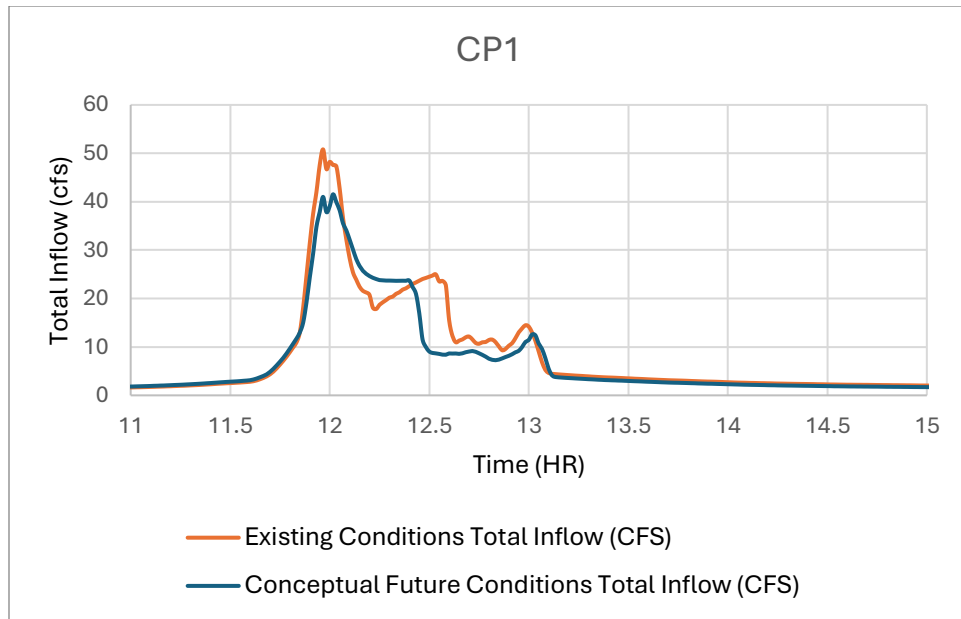


Figure 29. CP1 100-Year Flow Hydrograph Comparison-Final Conditions

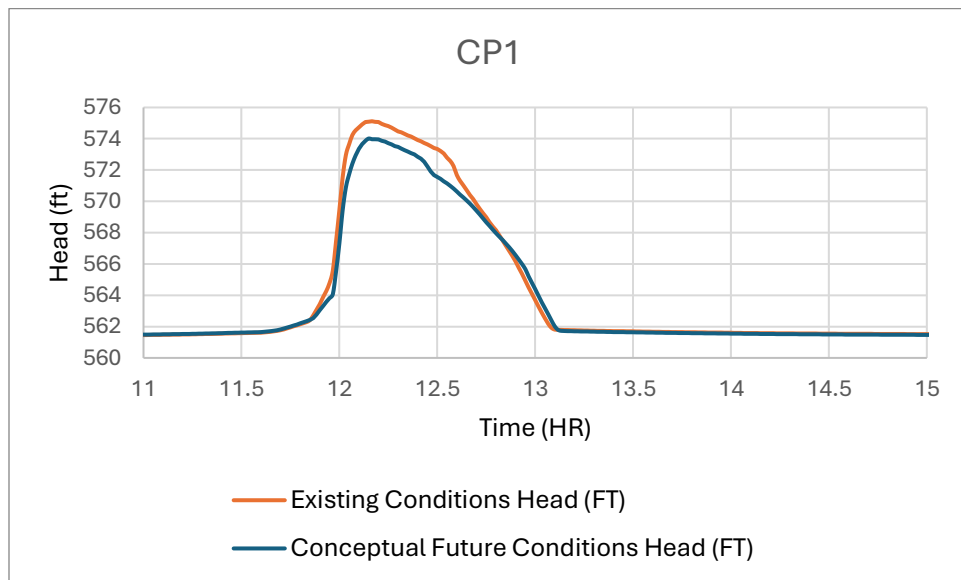


Figure 30. CP1 100-Year Head Comparison-Final Conditions

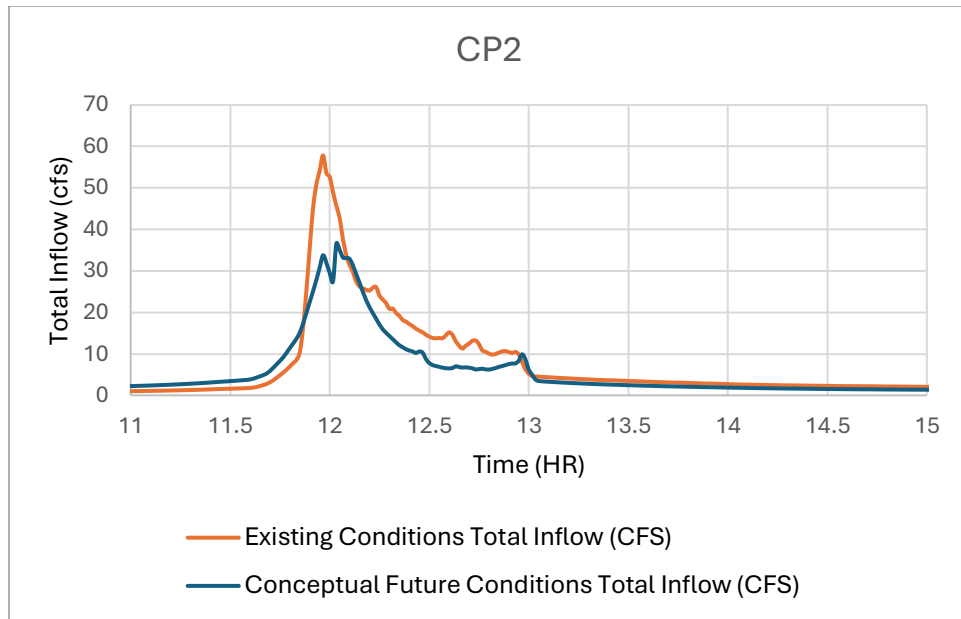


Figure 31. CP2 100-Year Flow Hydrograph Comparison-Final Conditions

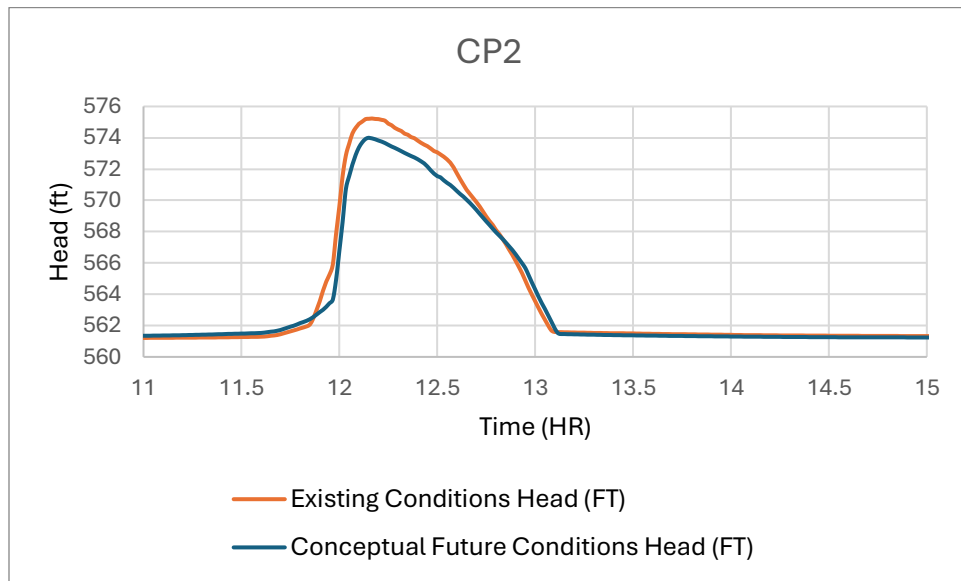


Figure 32. CP2 100-Year Head Comparison-Final Conditions

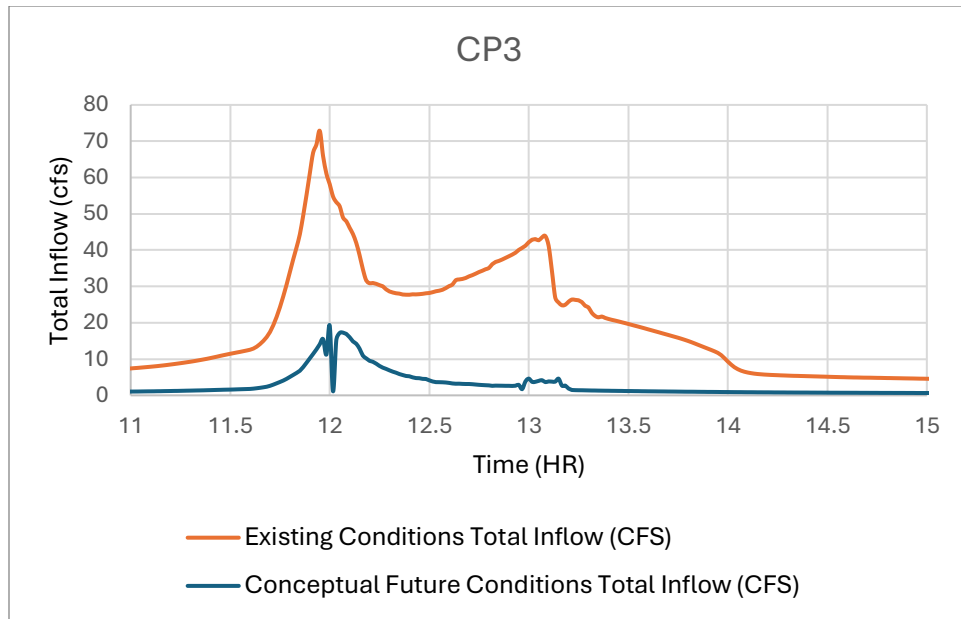


Figure 33. CP3 100-Year Flow Hydrograph Comparison-Final Conditions

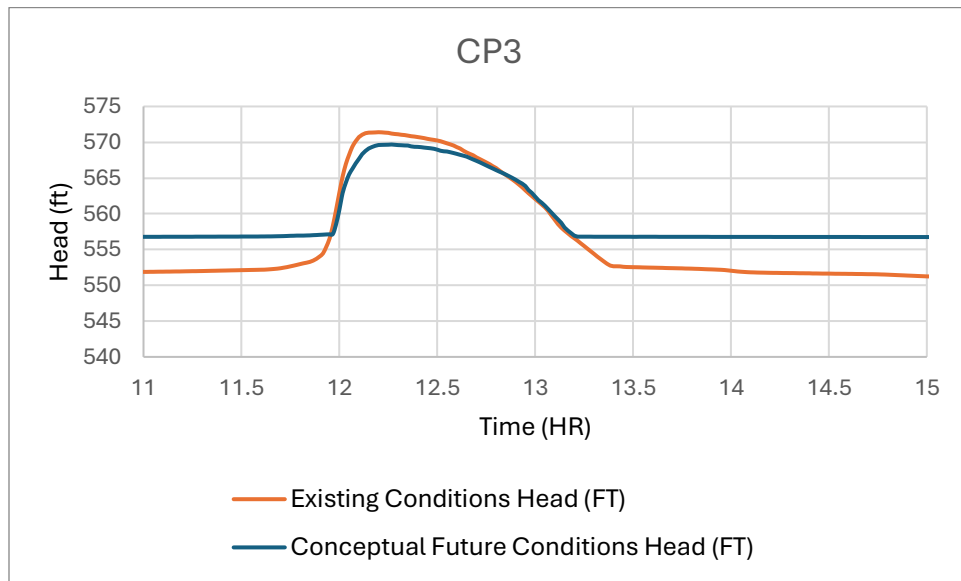


Figure 34. CP3 100-Year Head Comparison-Final Conditions

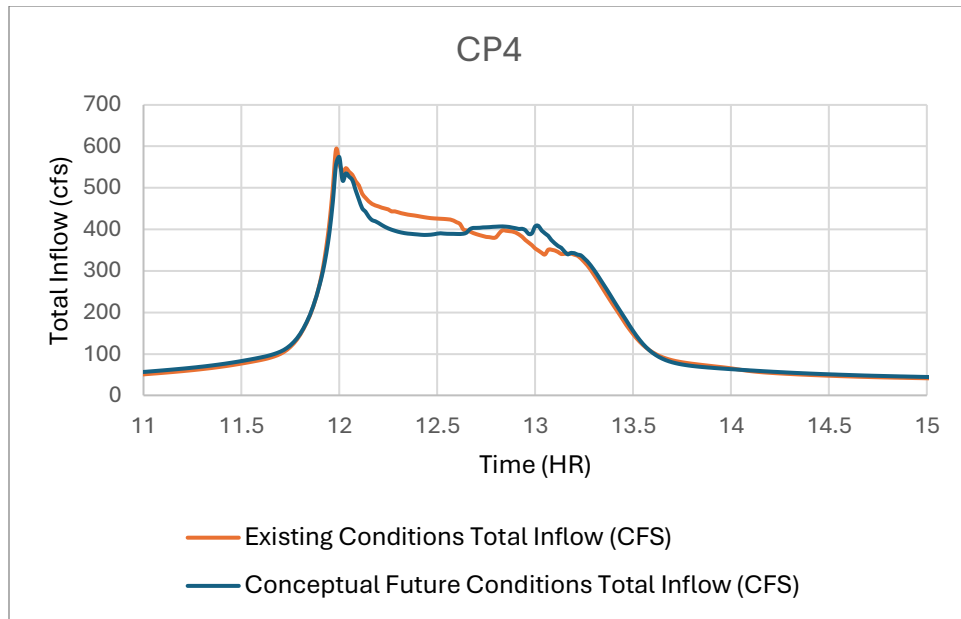


Figure 35. CP4 100-Year Flow Hydrograph Comparison-Final Conditions

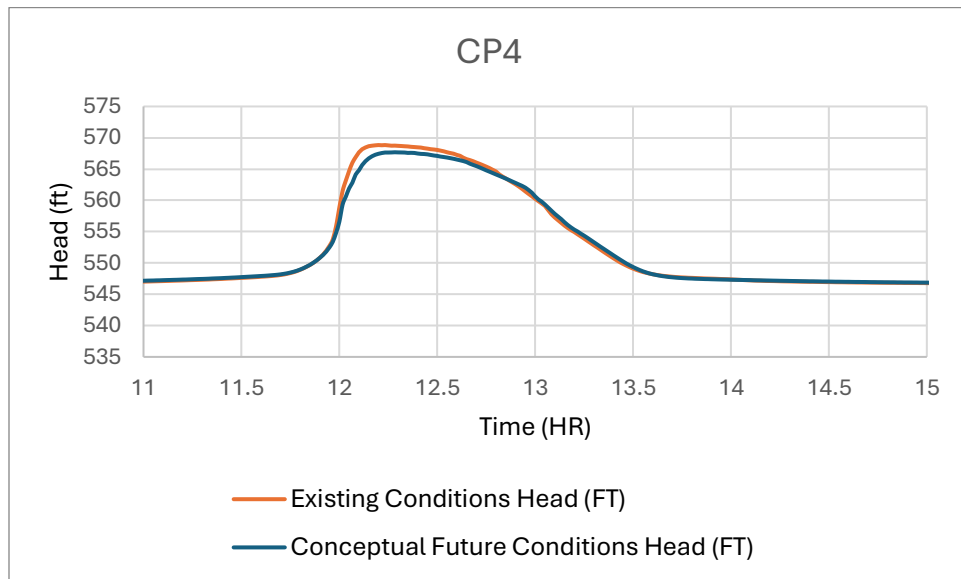


Figure 36. CP4 100-Year Head Comparison-Final Conditions

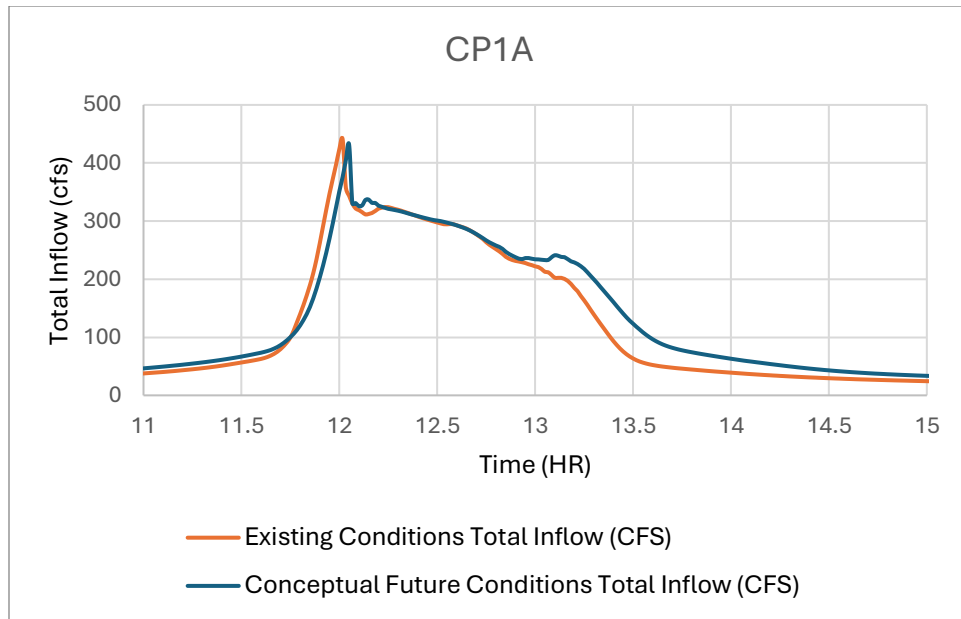


Figure 37. CP1A 100-Year Flow Hydrograph Comparison-Final Conditions

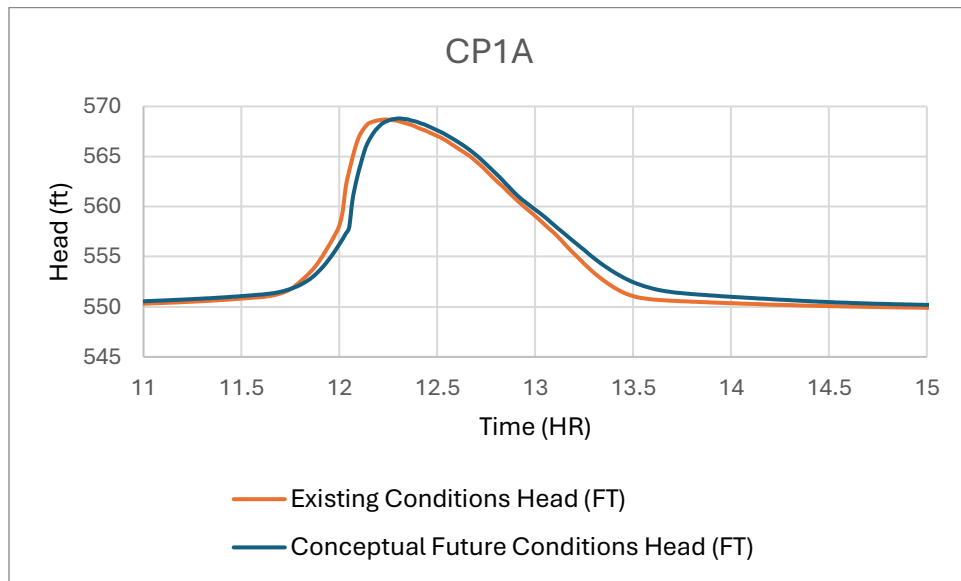


Figure 38. CP1A 100-Year Head Comparison-Final Conditions

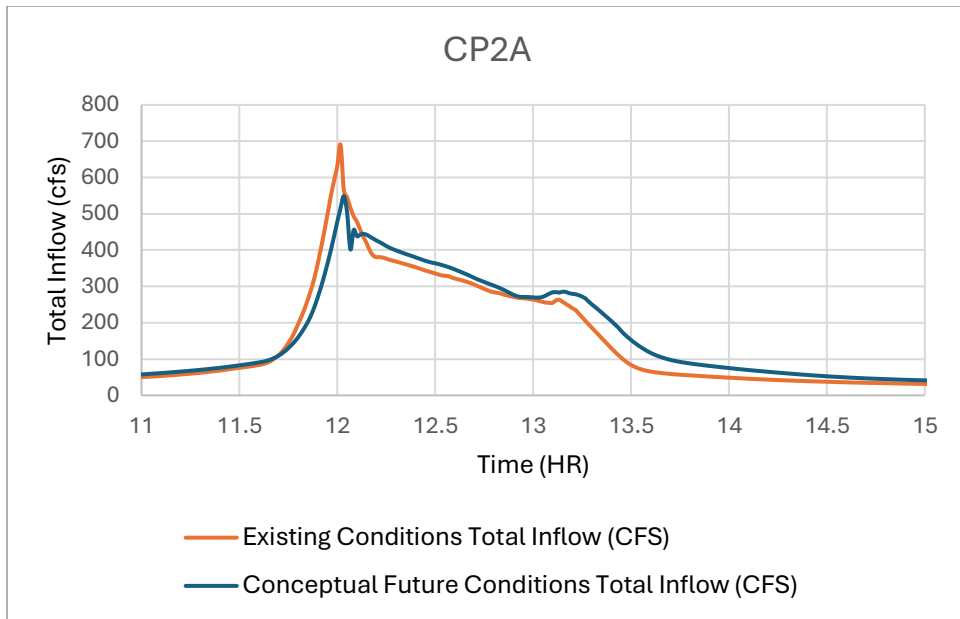


Figure 39. CP2A 100-Year Flow Hydrograph Comparison-Final Conditions

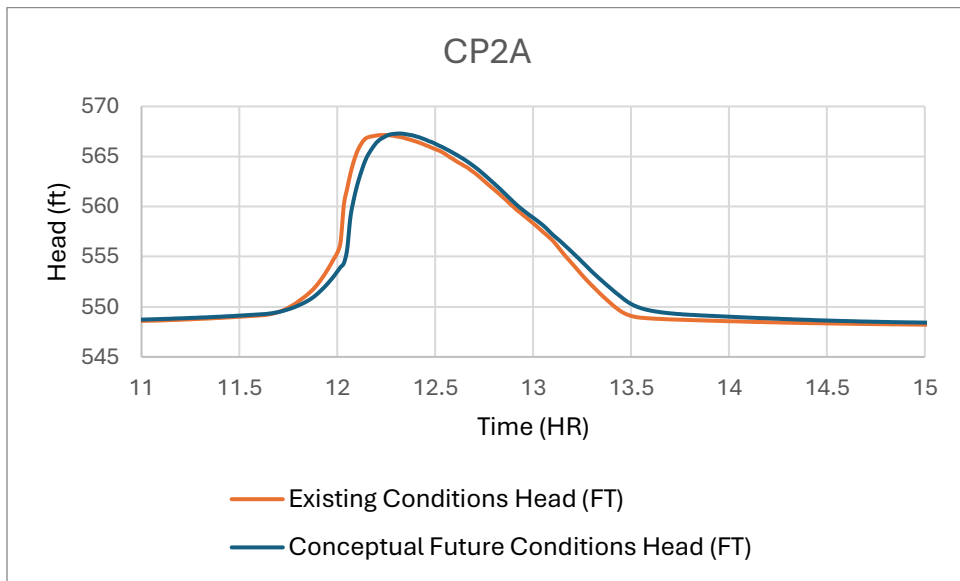


Figure 40. CP2A 100-Year Head Comparison-Final Conditions

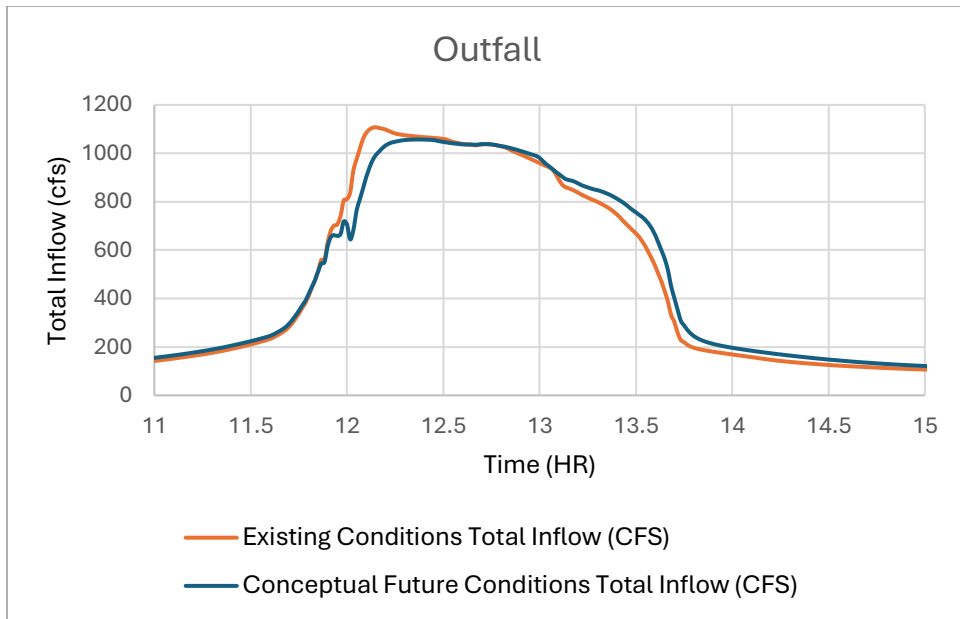


Figure 41. Outfall 100-Year Flow Hydrograph Comparison-Final Conditions

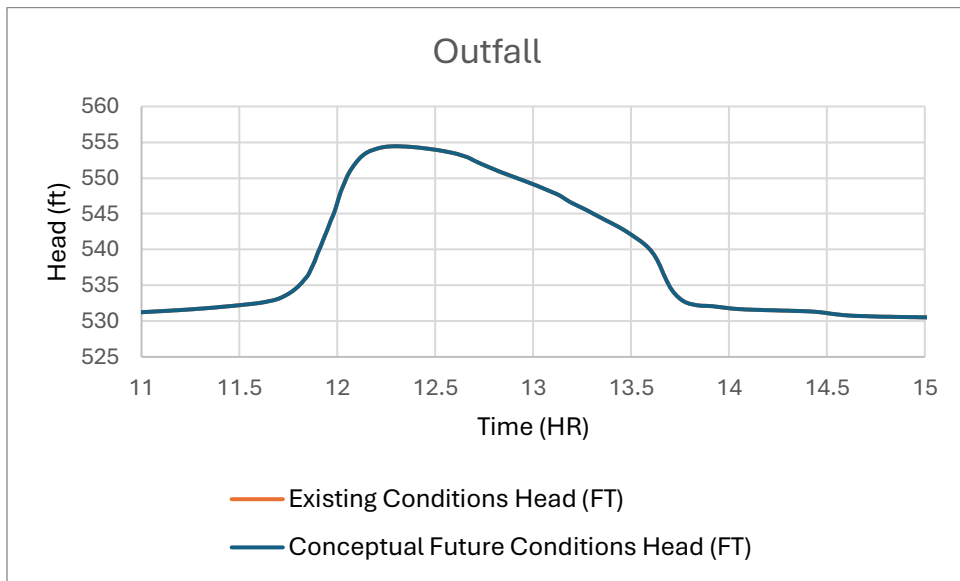


Figure 42. Outfall 100-Year Head Comparison-Final Conditions

Appendix D

EPASWMM Hydraulic Results

Table 12. Existing Conditions 100-Year Link Flow

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-12090S	CONDUIT	1108.18	0	12:08	14.11	0.63	1
BC-BB-F3-16000S	CONDUIT	1108.18	0	12:08	15.72	0.53	1
BC-BB-F3-16002S	CONDUIT	572.54	0	12:45	7.29	0.36	1
BC-BB-F3-16003-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16003S	CONDUIT	618.87	0	12:01	8.86	0.68	1
BC-BB-F3-16007-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16007A	CONDUIT	142.33	0	11:59	11.46	0.77	1
BC-BB-F3-16010-16007AO	CHANNEL	79.79	0	12:41	3.1	0.02	0.17
BC-BB-F3-16010A	CONDUIT	140.27	0	11:59	14.59	1.37	1
BC-BB-F3-16050A	CONDUIT	681.73	0	11:59	9.04	0.66	1
BC-BB-F3-16100	CONDUIT	64.58	0	11:59	14.34	0.81	1
BC-BB-F3-16105	CONDUIT	34.14	0	11:59	10.89	1.48	1
BC-BB-F3-16105-16195AO	CHANNEL	41.16	0	12:07	2.4	0.01	0.06
BC-BB-F3-16120	CONDUIT	37.87	0	12:02	8.4	0.92	1
BC-BB-F3-16125	CONDUIT	18.5	0	12:00	10.67	0.18	1
BC-BB-F3-16125-17907AO	CHANNEL	10.86	0	12:05	1.34	0	0.03
BC-BB-F3-16130	CONDUIT	22.83	0	12:04	8.35	0.83	1
BC-BB-F3-16135	CONDUIT	20.19	0	12:02	8.46	0.2	1
BC-BB-F3-16135-16125AO	CHANNEL	3.34	0	12:05	0.8	0	0.02
BC-BB-F3-16140	CONDUIT	5.27	0	12:04	2.65	0.19	0.97
BC-BB-F3-16145	CONDUIT	5.93	0	12:04	7.8	0.07	0.55
BC-BB-F3-16145-16135AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16190S	CONDUIT	649.55	0	11:59	8.34	0.3	1
BC-BB-F3-16193	CONDUIT	47.66	0	12:01	15.17	15.63	1
BC-BB-F3-16193-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16195-16193AO	CHANNEL	67.34	0	12:07	2.94	0.02	0.14
BC-BB-F3-16195A	CONDUIT	33.69	0	12:00	10.74	2.11	1
BC-BB-F3-16200S	CONDUIT	603.78	0	11:59	7.69	0.66	1
BC-BB-F3-16202	CONDUIT	51.11	0	12:08	5.42	0.1	1
BC-BB-F3-16203	CONDUIT	53.73	0	12:06	11.22	0.44	1
BC-BB-F3-16204	CONDUIT	55.57	0	12:06	7.03	0.48	1
BC-BB-F3-16205	CONDUIT	59.37	0	12:05	6.88	0.5	1
BC-BB-F3-16206	CONDUIT	36.04	0	12:03	6.03	0.43	1
BC-BB-F3-16207	CONDUIT	16.91	0	12:04	6.46	0.66	0.87
BC-BB-F3-16207-16209AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16208	CONDUIT	32.24	0	12:04	14.88	0.3	1
BC-BB-F3-16208-16228AO	CHANNEL	0.03	0	12:05	0.02	0	0.01
BC-BB-F3-16209	CONDUIT	31.22	0	12:05	15.91	0.27	1
BC-BB-F3-16209-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16210	CONDUIT	563.39	0	11:59	7.17	0.71	1
BC-BB-F3-16212	CONDUIT	31.67	0	12:01	10.08	3.92	1
BC-BB-F3-16213	CONDUIT	32.38	0	12:01	10.37	2.02	1
BC-BB-F3-16213-16193AO	CHANNEL	0.06	0	12:21	0.14	0	0
BC-BB-F3-16214	CONDUIT	21.48	0	12:03	6.84	1.02	1
BC-BB-F3-16214-16193AO	CHANNEL	0.05	0	12:21	0.14	0	0
BC-BB-F3-16214-16213AO	CHANNEL	11.05	0	12:12	1.16	0	0.07
BC-BB-F3-16215	CONDUIT	539.03	0	11:59	6.86	0.59	1
BC-BB-F3-16216	CONDUIT	14.83	0	12:52	6.17	2.33	1
BC-BB-F3-16218	CONDUIT	14.47	0	12:01	8.24	1.95	1
BC-BB-F3-16218-16213AO	CHANNEL	13.98	0	12:01	0.04	0	1
BC-BB-F3-16220	CONDUIT	528.75	0	11:59	6.73	0.58	1
BC-BB-F3-16221	CONDUIT	21.2	0	11:57	6.35	0.54	1
BC-BB-F3-16222	CONDUIT	21.19	0	11:57	6.45	0.49	1
BC-BB-F3-16223	CONDUIT	21.19	0	11:57	11.44	0.23	1
BC-BB-F3-16224	CONDUIT	22.04	0	11:58	11.72	0.72	1
BC-BB-F3-16225	CONDUIT	22.2	0	11:58	9.68	0.73	1
BC-BB-F3-16226	CONDUIT	22.22	0	11:58	9.24	0.77	1
BC-BB-F3-16227	CONDUIT	20.09	0	12:00	11.37	3.1	1
BC-BB-F3-16227-16233AO	CHANNEL	2.66	0	12:06	0.73	0	0.02
BC-BB-F3-16228	CONDUIT	7.37	0	11:57	4.17	1.64	1
BC-BB-F3-16228-16227AO	CHANNEL	2.66	0	12:05	0.73	0	0.02
BC-BB-F3-16231	CONDUIT	3.6	0	11:52	7.04	0.96	1
BC-BB-F3-16232	CONDUIT	3.71	0	11:45	6.8	2.52	1
BC-BB-F3-16233	CONDUIT	3.71	0	11:45	6.8	2.95	1
BC-BB-F3-16233-16213AO	CHANNEL	19.52	0	12:00	1.74	0.01	0.04
BC-BB-F3-16235	CONDUIT	508	0	11:59	6.47	0.56	1
BC-BB-F3-16236	CONDUIT	21.61	0	12:00	15.42	0.26	1
BC-BB-F3-16236-16218AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16250	CONDUIT	487.36	0	11:59	6.21	0.54	1
BC-BB-F3-16260	CONDUIT	436	0	11:59	5.55	0.48	1
BC-BB-F3-16261	CONDUIT	20.4	0	12:00	11.54	2.62	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16262	CONDUIT	10.69	0	12:00	6.4	0.27	1
BC-BB-F3-16262-16264AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16263	CONDUIT	9.7	0	12:00	5.49	1.31	1
BC-BB-F3-16264	CONDUIT	6.51	0	12:02	3.68	0.3	1
BC-BB-F3-16264-16265AO	CHANNEL	0.15	0	12:10	0.21	0	0
BC-BB-F3-16265	CONDUIT	7.49	0	12:11	4.24	1.02	1
BC-BB-F3-16265-16214AO	CHANNEL	13.96	0	12:06	1.5	0	0.04
BC-BB-F3-16271	CONDUIT	10.03	0	12:00	5.87	0.49	1
BC-BB-F3-16271-16236AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16271-17110-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16292	CONDUIT	418.15	0	11:57	5.32	0.46	1
BC-BB-F3-16294	CONDUIT	413.88	0	11:59	5.27	0.46	1
BC-BB-F3-16296	CONDUIT	428.98	0	11:57	5.48	0.47	1
BC-BB-F3-16298	CONDUIT	422.94	0	11:57	5.39	0.47	1
BC-BB-F3-16300	CONDUIT	518.96	0	11:58	6.61	0.57	1
BC-BB-F3-16300-A0102	CONDUIT	119.58	0	11:59	9.52	0.96	1
BC-BB-F3-16300-A0103	CONDUIT	70.38	0	11:59	7.83	0.99	1
BC-BB-F3-16300-A0104	CONDUIT	61	0	11:59	6.34	0.96	1
BC-BB-F3-16300-A0105	CONDUIT	52.22	0	11:59	5.43	0.95	1
BC-BB-F3-16300-A0106	CONDUIT	44.06	0	11:59	6.23	0.96	1
BC-BB-F3-16300-A0107	CONDUIT	36.03	0	12:00	5.1	0.97	1
BC-BB-F3-16300-A0108	CONDUIT	27.71	0	12:00	3.92	0.96	1
BC-BB-F3-16300-A0109	CONDUIT	21.44	0	12:00	4.37	1.1	1
BC-BB-F3-16300-A0110	CONDUIT	12.72	0	12:38	4.05	1.03	1
BC-BB-F3-16300-A0111	CONDUIT	5.95	0	12:32	3.37	0.54	1
BC-BB-F3-16300-A0111-16300-A0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0201	CONDUIT	52.86	0	11:59	6.62	0.91	1
BC-BB-F3-16300-A0202	CONDUIT	43.56	0	11:59	6.16	0.91	1
BC-BB-F3-16300-A0203	CONDUIT	36.2	0	11:59	5.12	0.93	1
BC-BB-F3-16300-A0204	CONDUIT	27.06	0	11:59	3.83	0.89	1
BC-BB-F3-16300-A0205	CONDUIT	19.3	0	11:59	3.93	0.83	1
BC-BB-F3-16300-A0206	CONDUIT	19.05	0	11:59	3.88	1.03	1
BC-BB-F3-16300-A0206-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0207	CONDUIT	11.13	0	12:00	6.3	1.19	1
BC-BB-F3-16300-A0208	CONDUIT	2.91	0	12:03	1.65	0.58	1
BC-BB-F3-16300-A0209	CONDUIT	2.91	0	12:03	1.95	0.57	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16300-A0209-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301	CONDUIT	9.88	0	11:59	6.06	0.93	1
BC-BB-F3-16300-A0301-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0401	CONDUIT	9.14	0	11:59	6.09	0.83	1
BC-BB-F3-16300-A0401-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0501	CONDUIT	8.43	0	11:59	5.45	0.88	1
BC-BB-F3-16300-A0501-16300-A0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0601	CONDUIT	9.37	0	12:29	5.36	0.99	1
BC-BB-F3-16300-A0601-16300-A0701AO	CHANNEL	8.65	0	12:06	0.54	0	0.08
BC-BB-F3-16300-A0701	CONDUIT	11.75	0	12:33	6.65	1.21	1
BC-BB-F3-16300-A0701AO	CHANNEL	40.68	0	12:08	5.16	0.01	0.13
BC-BB-F3-16300-A0801	CONDUIT	6.94	0	11:59	5.34	0.71	1
BC-BB-F3-16300-A0801-16300-A0701AO	CHANNEL	40.83	0	12:08	0.93	0	0.1
BC-BB-F3-16300-A0901	CONDUIT	13	0	11:59	7.35	1.28	1
BC-BB-F3-16300-A0901-16300-A0111AO	CHANNEL	24.96	0	12:05	0.91	0	0.06
BC-BB-F3-16300-A0901-A0801AO	CHANNEL	36.48	0	12:08	2.17	0	0.03
BC-BB-F3-16300-A1001	CONDUIT	11.85	0	12:37	6.71	1.74	1
BC-BB-F3-16300-A1002	CONDUIT	11.38	0	12:37	6.44	1.12	1
BC-BB-F3-16300-A1002-16300-A0111AO	CHANNEL	27.5	0	12:05	1.57	0	0.04
BC-BB-F3-16300-A1101	CONDUIT	10.62	0	11:59	6.25	1.07	1
BC-BB-F3-16300-A1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1201	CONDUIT	9.74	0	11:59	5.51	1.1	1
BC-BB-F3-16300-A1201-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1301	CONDUIT	11.46	0	11:59	6.49	1.07	1
BC-BB-F3-16300-A1301-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1401	CONDUIT	10.21	0	11:59	5.78	1.16	1
BC-BB-F3-16300-A1401-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1501	CONDUIT	2.51	0	11:59	3.05	0.4	1
BC-BB-F3-16300-A1501-16300-A0206AO	CHANNEL	1.82	0	12:04	0.25	0	0.06
BC-BB-F3-16300-A1601	CONDUIT	8.63	0	12:00	4.89	1.12	1
BC-BB-F3-16300-A1601-16262AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16271AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1701	CONDUIT	4.25	0	12:38	2.41	0.57	1
BC-BB-F3-16300-A1702	CONDUIT	4.25	0	12:38	2.41	0.55	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16300-A1702-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0102	CONDUIT	110.46	0	11:58	7.94	0.71	1
BC-BB-F3-16300-B0103	CONDUIT	108.29	0	11:58	8.18	0.74	1
BC-BB-F3-16300-B0104	CONDUIT	107.96	0	11:58	6.85	0.8	1
BC-BB-F3-16300-B0105	CONDUIT	51.28	0	11:57	5.33	0.7	1
BC-BB-F3-16300-B0106	CONDUIT	51.18	0	11:58	6.06	0.68	1
BC-BB-F3-16300-B0107	CONDUIT	51.24	0	11:58	5.33	0.68	1
BC-BB-F3-16300-B0108	CONDUIT	51.24	0	11:58	5.33	0.72	1
BC-BB-F3-16300-B0109	CONDUIT	43.43	0	11:57	6.14	0.69	1
BC-BB-F3-16300-B0110	CONDUIT	35.62	0	11:58	5.04	0.66	1
BC-BB-F3-16300-B0111	CONDUIT	27.87	0	11:58	3.94	0.61	1
BC-BB-F3-16300-B0112	CONDUIT	19.78	0	12:31	4.03	0.55	1
BC-BB-F3-16300-B0201	CONDUIT	57.02	0	11:58	5.93	0.75	1
BC-BB-F3-16300-B0202	CONDUIT	57.02	0	11:58	5.93	0.66	1
BC-BB-F3-16300-B0203	CONDUIT	57	0	11:58	5.92	0.34	1
BC-BB-F3-16300-B0204	CONDUIT	58.07	0	11:57	8.54	0.82	1
BC-BB-F3-16300-B0205	CONDUIT	49.37	0	11:58	6.98	0.8	1
BC-BB-F3-16300-B0206	CONDUIT	41.36	0	11:58	5.85	0.79	1
BC-BB-F3-16300-B0207	CONDUIT	33.27	0	11:58	6.78	0.77	1
BC-BB-F3-16300-B0208	CONDUIT	26.25	0	11:58	5.35	0.77	1
BC-BB-F3-16300-B0209	CONDUIT	18.16	0	11:58	5.78	0.73	1
BC-BB-F3-16300-B0210	CONDUIT	10.82	0	11:58	3.77	0.6	1
BC-BB-F3-16300-B0211	CONDUIT	11.22	0	11:54	4.08	0.63	1
BC-BB-F3-16300-B0211-A0209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0212	CONDUIT	3.63	0	11:54	2.76	0.33	1
BC-BB-F3-16300-B0213	CONDUIT	6.04	0	11:59	5.43	0.54	1
BC-BB-F3-16300-B0213-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301	CONDUIT	10.67	0	12:00	6.56	0.94	1
BC-BB-F3-16300-B0301-16300-A0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301-16300-B0401AO	CHANNEL	0.02	0	12:09	0	0	0
BC-BB-F3-16300-B0301-16300-B1001AO	CHANNEL	7.13	0	12:09	0.64	0	0.02
BC-BB-F3-16300-B0401	CONDUIT	10.88	0	12:00	6.61	0.94	1
BC-BB-F3-16300-B0401-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501	CONDUIT	10.71	0	11:59	6.6	0.92	1
BC-BB-F3-16300-B0501-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16300-B0501-16300-B0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601	CONDUIT	11.72	0	11:59	6.9	1.01	1
BC-BB-F3-16300-B0601-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-B0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-B0901AO	CHANNEL	3	0	12:10	0.39	0	0.03
BC-BB-F3-16300-B0901-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1001	CONDUIT	10.59	0	11:59	6.56	0.93	1
BC-BB-F3-16300-B1001-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1001-16300-B1101AO	CHANNEL	10.76	0	12:08	0.64	0	0.04
BC-BB-F3-16300-B1101	CONDUIT	10.28	0	11:59	6.61	0.89	1
BC-BB-F3-16300-B1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-B1201AO	CHANNEL	13.25	0	12:07	0.88	0	0.03
BC-BB-F3-16300-B1201	CONDUIT	10.31	0	11:58	6.64	0.88	1
BC-BB-F3-16300-B1201-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-B1301AO	CHANNEL	13.48	0	12:07	0.82	0	0.03
BC-BB-F3-16300-B1301	CONDUIT	9.44	0	11:58	6.49	0.81	1
BC-BB-F3-16300-B1301-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-B1401AO	CHANNEL	12.31	0	12:07	0.71	0	0.04
BC-BB-F3-16300-B1401	CONDUIT	9.24	0	12:00	6.34	0.81	1
BC-BB-F3-16300-B1401-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1401-16300-B1501AO	CHANNEL	10.42	0	12:06	0.73	0	0.04
BC-BB-F3-16300-B1501	CONDUIT	9.33	0	12:00	6.12	0.82	1
BC-BB-F3-16300-B1501-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501-16300-B0211AO	CHANNEL	8.25	0	12:04	0.67	0	0.04
BC-BB-F3-16302	CONDUIT	349.27	0	11:57	4.49	0.39	1
BC-BB-F3-16304	CONDUIT	350.62	0	11:57	4.46	0.39	1
BC-BB-F3-16306	CONDUIT	343.29	0	11:57	4.76	0.38	1
BC-BB-F3-16308	CONDUIT	371.29	0	11:57	4.95	0.41	1
BC-BB-F3-16310S	CONDUIT	371.89	0	11:57	5.45	0.41	1
BC-BB-F3-16320-0102	CONDUIT	38.72	0	11:57	9.74	0.96	1
BC-BB-F3-16320-0103	CONDUIT	30.46	0	11:54	9.74	1.19	1
BC-BB-F3-16320-0104	CONDUIT	21.13	0	11:54	7.28	0.84	1
BC-BB-F3-16320-0105	CONDUIT	26.98	0	11:57	8.59	0.91	1
BC-BB-F3-16320-0106	CONDUIT	18.91	0	11:57	7.86	0.88	1
BC-BB-F3-16320-0107	CONDUIT	8.08	0	11:57	3.75	0.51	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16320-0108	CONDUIT	8.49	0	11:54	4.69	0.54	1
BC-BB-F3-16320-0109	CONDUIT	8.64	0	11:54	4.83	0.53	1
BC-BB-F3-16320-0109-16320-0701AO	CHANNEL	9.78	0	12:02	0.81	0	0.04
BC-BB-F3-16320-0201	CONDUIT	12.11	0	12:03	8.61	0.29	1
BC-BB-F3-16320-0201-16300-A0901AO	CHANNEL	12.08	0	12:09	1.43	0	0.02
BC-BB-F3-16320-0301	CONDUIT	13.1	0	12:00	16.14	0.25	1
BC-BB-F3-16320-0301-16320-0201AO	CHANNEL	0.06	0	12:08	0.02	0	0.01
BC-BB-F3-16320-0401	CONDUIT	13.97	0	12:01	7.91	0.8	1
BC-BB-F3-16320-0402	CONDUIT	13.97	0	12:01	7.9	0.79	1
BC-BB-F3-16320-0403	CONDUIT	3.6	0	11:57	7.29	0.2	1
BC-BB-F3-16320-0404	CONDUIT	2.12	0	11:58	4.75	0.12	1
BC-BB-F3-16320-0404-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0501	CONDUIT	12.07	0	12:01	8.31	0.29	1
BC-BB-F3-16320-0501-16320-0301AO	CHANNEL	16.42	0	12:05	1.6	0	0.02
BC-BB-F3-16320-0601	CONDUIT	13.41	0	12:00	7.85	0.35	1
BC-BB-F3-16320-0601-16320-0501AO	CHANNEL	23.62	0	12:03	1.73	0	0.03
BC-BB-F3-16320-0701	CONDUIT	10.89	0	11:57	7.45	0.46	1
BC-BB-F3-16320-0701-16320-0601AO	CHANNEL	20.63	0	12:02	1.31	0	0.03
BC-BB-F3-16320-0801	CONDUIT	2.23	0	11:58	4.43	0.13	1
BC-BB-F3-16320-0802	CONDUIT	2.16	0	11:59	5.96	0.12	1
BC-BB-F3-16320-0803	CONDUIT	2.11	0	12:01	6.17	0.12	1
BC-BB-F3-16320-0803-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0102	CONDUIT	51.18	0	12:02	5.86	0.27	1
BC-BB-F3-16330-0103	CONDUIT	76.89	0	12:02	8.86	0.39	1
BC-BB-F3-16330-0104	CONDUIT	114.1	0	12:00	9.08	0.79	1
BC-BB-F3-16330-0105	CONDUIT	95.91	0	12:00	8.08	2.15	1
BC-BB-F3-16330-0106	CONDUIT	76.41	0	12:00	6.08	1.31	1
BC-BB-F3-16330-0201	CONDUIT	21.6	0	11:59	9.29	0.51	1
BC-BB-F3-16330-0202	CONDUIT	21.71	0	11:59	7.01	1.85	1
BC-BB-F3-16330-0203	CONDUIT	21.71	0	11:59	6.91	1.16	1
BC-BB-F3-16330-0204	CONDUIT	22.28	0	11:59	7.09	1.19	1
BC-BB-F3-16330-0205	CONDUIT	22.27	0	11:59	7.09	1.17	1
BC-BB-F3-16330-0206	CONDUIT	10.58	0	12:46	3.37	0.56	1
BC-BB-F3-16330-0207	CONDUIT	9.33	0	12:46	2.97	0.49	1
BC-BB-F3-16330-0208	CONDUIT	8.67	0	12:47	4.91	0.52	1
BC-BB-F3-16330-0209	CONDUIT	8.31	0	12:48	4.7	0.95	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16330-0210	CONDUIT	5.47	0	12:48	3.09	0.61	1
BC-BB-F3-16330-0211	CONDUIT	4.51	0	12:17	3.23	0.45	1
BC-BB-F3-16330-0211-16320-0201AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16330-0211-16330-1101AO	CHANNEL	22.9	0	12:01	0.41	0	0.8
BC-BB-F3-16330-0301	CONDUIT	19.78	0	11:59	8.22	0.88	1
BC-BB-F3-16330-0301-16330-0603AO	CHANNEL	23.22	0	12:05	1.16	0	0.08
BC-BB-F3-16330-0601	CONDUIT	6.48	0	12:26	3.67	0.41	1
BC-BB-F3-16330-0602	CONDUIT	6.48	0	12:26	3.67	0.51	1
BC-BB-F3-16330-0602-16330-0701AO	CHANNEL	14.89	0	12:08	0.72	0	0.08
BC-BB-F3-16330-0603	CONDUIT	5.21	0	12:27	2.95	0.76	1
BC-BB-F3-16330-0603-16330-0602AO	CHANNEL	20.67	0	12:05	0.85	0	0.08
BC-BB-F3-16330-0701	CONDUIT	14.5	0	11:58	8.21	1.68	1
BC-BB-F3-16330-0801	CONDUIT	9.61	0	11:55	12.24	0.43	1
BC-BB-F3-16330-0801-16330-0701AO	CHANNEL	9.38	0	12:00	1.29	0	0.07
BC-BB-F3-16330-0801-16330-0901AO	CHANNEL	8.22	0	12:12	1.23	0	0.02
BC-BB-F3-16330-0901	CONDUIT	5.9	0	11:59	5.51	0.54	1
BC-BB-F3-16330-0901-16300-A1002AO	CHANNEL	13.43	0	12:12	1.49	0	0.02
BC-BB-F3-16330-1001	CONDUIT	2.08	0	12:00	2.65	0.43	1
BC-BB-F3-16330-1001-16300-A1002AO	CHANNEL	2.1	0	12:08	0.71	0	0.01
BC-BB-F3-16330-1101	CONDUIT	2.84	0	12:47	4.68	0.58	1
BC-BB-F3-16330-1101-16300-A1002AO	CHANNEL	29.43	0	12:02	1.31	0	0.18
BC-BB-F3-16330-1201	CONDUIT	3.59	0	12:38	3.35	0.81	1
BC-BB-F3-16330-1202	CONDUIT	4.17	0	12:02	5.31	0.88	1
BC-BB-F3-16330-1202-16320-0201AO	CHANNEL	20.85	0	12:03	1.63	0	0.09
BC-BB-F3-16330-1202-16320-0301AO	CHANNEL	22.21	0	12:04	0.74	0	0.11
BC-BB-F3-16330-1401	CONDUIT	1.15	0	12:55	1.46	1.53	1
BC-BB-F3-16330-1402	CONDUIT	1.52	0	11:57	2.89	0.39	1
BC-BB-F3-16330-1402-16320-0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330S	CONDUIT	337.68	0	11:58	5.63	0.05	1
BC-BB-F3-16500-16310AO	CHANNEL	9.85	0	12:11	1.31	0	0.02
BC-BB-F3-16500S	CONDUIT	367.86	0	11:57	7.31	0.54	1
BC-BB-F3-16503-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16503S	CONDUIT	29.38	0	12:01	3.26	0.19	1
BC-BB-F3-16507-16503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16507A	CONDUIT	33.77	0	11:59	7.96	0.32	1
BC-BB-F3-16510-16507AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-16510A	CONDUIT	37.07	0	12:00	6.58	0.53	1
BC-BB-F3-16550-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16550S	CONDUIT	280.15	0	11:57	6.19	0.41	1
BC-BB-F3-16600S	CONDUIT	335.3	0	11:59	9.31	0.66	1
BC-BB-F3-16605S	CONDUIT	148.08	0	11:59	4.12	0.3	1
BC-BB-F3-16609S	CONDUIT	134.82	0	12:28	4.94	0.27	1
BC-BB-F3-16612S	CONDUIT	141.81	0	12:00	5.03	0.29	1
BC-BB-F3-16615-16510AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16618S	CONDUIT	154.57	0	12:27	7.04	0.43	1
BC-BB-F3-16621S	CONDUIT	58.65	0	12:02	4.67	0.31	1
BC-BB-F3-16624S	CONDUIT	58.65	0	12:02	6.32	0.25	1
BC-BB-F3-16627S	CONDUIT	34.54	0	12:03	4.28	0.9	1
BC-BB-F3-16630S	CONDUIT	13.73	0	12:00	4.66	0.57	1
BC-BB-F3-16640A	CONDUIT	60.13	0	12:00	9.19	0.42	1
BC-BB-F3-16645A	CONDUIT	58.45	0	12:01	8.89	0.59	1
BC-BB-F3-16650A	CONDUIT	59.6	0	12:00	8.92	0.91	1
BC-BB-F3-16665-16550AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16665S	CONDUIT	65.68	0	12:00	8.93	0.9	1
BC-BB-F3-16670-16665AO	CHANNEL	9.56	0	12:05	1.3	0	0.02
BC-BB-F3-16670S	CONDUIT	70.7	0	12:00	10.04	1.76	1
BC-BB-F3-16690S	CONDUIT	56.14	0	11:59	8.19	1.19	1
BC-BB-F3-16690-T-A-13960AO	CHANNEL	28.68	0	12:00	2.06	0.01	0.05
BC-BB-F3-16695S	CONDUIT	151.31	0	12:01	9.72	1.43	1
BC-BB-F3-16700S	CONDUIT	151.22	0	12:01	15.72	2.81	1
BC-BB-F3-16780-16695AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16780A	CONDUIT	57.46	0	12:01	6.93	0.78	1
BC-BB-F3-16790-16670AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790-19050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790A	CONDUIT	66.45	0	12:00	9.4	1.12	1
BC-BB-F3-16790-T-A-16780AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995S	CONDUIT	482.64	0	12:17	6.48	0.5	1
BC-BB-F3-17000_S	CONDUIT	225.39	0	11:59	25.08	0.8	1
BC-BB-F3-17000-16995AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050-17000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050S	CONDUIT	68.66	0	13:01	7.29	1.02	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17110-0102	CONDUIT	66.49	0	11:56	9.64	0.48	1
BC-BB-F3-17110-0103	CONDUIT	74.12	0	11:56	10.93	0.18	1
BC-BB-F3-17110-0104	CONDUIT	64.78	0	11:56	7.72	0.16	1
BC-BB-F3-17110-0105	CONDUIT	64.72	0	11:56	8.63	0.47	1
BC-BB-F3-17110-0106	CONDUIT	64.49	0	11:57	9.5	0.56	1
BC-BB-F3-17110-0107	CONDUIT	62.58	0	11:58	7.56	0.55	1
BC-BB-F3-17110-0108	CONDUIT	60.41	0	11:58	6.79	0.67	1
BC-BB-F3-17110-0109	CONDUIT	55.88	0	11:58	5.87	0.61	1
BC-BB-F3-17110-0110	CONDUIT	55.93	0	11:58	6.74	0.76	1
BC-BB-F3-17110-0111	CONDUIT	51.78	0	11:59	6.24	0.99	1
BC-BB-F3-17110-0112	CONDUIT	51.78	0	11:59	6.24	0.98	1
BC-BB-F3-17110-0113	CONDUIT	48.15	0	11:59	5.8	0.93	1
BC-BB-F3-17110-0114	CONDUIT	45.07	0	11:59	5.43	0.87	1
BC-BB-F3-17110-0115	CONDUIT	42.38	0	11:59	5.11	0.81	1
BC-BB-F3-17110-0116	CONDUIT	43.75	0	11:59	6.19	0.51	1
BC-BB-F3-17110-0117	CONDUIT	37.4	0	11:58	5.29	0.77	1
BC-BB-F3-17110-0118	CONDUIT	32.24	0	11:57	4.56	0.76	1
BC-BB-F3-17110-0119	CONDUIT	26.77	0	11:56	3.79	0.75	1
BC-BB-F3-17110-0120	CONDUIT	26.77	0	11:56	5.45	1.03	1
BC-BB-F3-17110-0121	CONDUIT	19.18	0	11:57	3.91	0.73	1
BC-BB-F3-17110-0122	CONDUIT	14.24	0	11:56	2.9	0.56	1
BC-BB-F3-17110-0123	CONDUIT	14.24	0	11:56	3.58	0.71	1
BC-BB-F3-17110-0124	CONDUIT	14.23	0	11:56	3.58	0.74	1
BC-BB-F3-17110-0125	CONDUIT	9.62	0	11:56	2.42	0.45	1
BC-BB-F3-17110-0126	CONDUIT	9.59	0	11:56	3.2	0.67	1
BC-BB-F3-17110-0127	CONDUIT	5.39	0	11:56	1.8	0.35	1
BC-BB-F3-17110-0128	CONDUIT	5.38	0	11:56	3.89	0.27	1
BC-BB-F3-17110-0129	CONDUIT	5.38	0	11:56	4.13	0.81	1
BC-BB-F3-17110-0129-16207AO	CHANNEL	8.91	0	12:03	1.26	0	0.02
BC-BB-F3-17110-0201	CONDUIT	11.81	0	12:00	6.87	2	0.94
BC-BB-F3-17110-0201-16236AO	CHANNEL	8.84	0	12:00	1.22	0	0.03
BC-BB-F3-17110-0202	CONDUIT	3.05	0	12:00	2.65	0.52	0.62
BC-BB-F3-17110-0202-16213AO	CHANNEL	23.78	0	12:00	1.9	0.01	0.05
BC-BB-F3-17110-0301	CONDUIT	4.94	0	11:58	3.16	0.2	1
BC-BB-F3-17110-0401	CONDUIT	3.92	0	11:57	2.84	0.59	1
BC-BB-F3-17110-0401-17110-0201AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17110-0401-17110-0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0501	CONDUIT	4.02	0	11:58	2.84	0.6	1
BC-BB-F3-17110-0501-17110-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0501-17110-0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0601	CONDUIT	4.82	0	11:58	2.85	0.73	1
BC-BB-F3-17110-0601-17110-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0601-17110-0202AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0601-17110-0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0701	CONDUIT	4.17	0	11:58	2.42	0.63	1
BC-BB-F3-17110-0701-17110-0202AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0701-17110-0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0801	CONDUIT	3.66	0	11:58	2.07	0.55	1
BC-BB-F3-17110-0801-17110-0202AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0801-17110-0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0901	CONDUIT	3.19	0	11:53	1.8	0.48	1
BC-BB-F3-17110-0901-16227AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-0901-17110-1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1001	CONDUIT	2.96	0	11:53	1.75	0.45	1
BC-BB-F3-17110-1001-16228AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1001-17110-1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1101	CONDUIT	16.84	0	13:02	9.56	2.54	1
BC-BB-F3-17110-1101-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1101-17110-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1103	CONDUIT	16.24	0	13:03	9.19	2.44	1
BC-BB-F3-17110-1103-17110-1503AO	CHANNEL	13.64	0	12:08	1.15	0	0.05
BC-BB-F3-17110-1105	CONDUIT	8.19	0	12:00	5.02	1.19	1
BC-BB-F3-17110-1105-17110-1103AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1105-17110-1505AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1106	CHANNEL	20.41	0	13:05	0.42	0	0.62
BC-BB-F3-17110-1107	CONDUIT	9.73	0	12:07	7.7	1.82	1
BC-BB-F3-17110-1107-17110-1106AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1108	CHANNEL	5.39	0	12:00	0.46	0	0.24
BC-BB-F3-17110-1109	CONDUIT	7.2	0	12:00	4.9	0.97	0.82
BC-BB-F3-17110-1109-17110-1105AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1109-17110-1108AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1201	CONDUIT	6.44	0	11:59	3.64	0.97	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17110-1201-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1201-17110-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301	CONDUIT	5.73	0	11:59	3.24	0.86	1
BC-BB-F3-17110-1301-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401	CONDUIT	6.68	0	11:59	3.78	1.01	1
BC-BB-F3-17110-1401-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401-17110-1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501	CONDUIT	11.3	0	11:52	6.39	1.7	1
BC-BB-F3-17110-1501-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501-17110-1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1503	CONDUIT	9.49	0	12:48	5.37	1.43	1
BC-BB-F3-17110-1503-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1505	CONDUIT	9.05	0	12:00	5.12	1.22	1
BC-BB-F3-17110-1505-17110-1503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601	CONDUIT	6.54	0	12:00	3.7	0.99	1
BC-BB-F3-17110-1601-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601-17110-1701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1701	CONDUIT	6.38	0	11:58	3.61	0.96	1
BC-BB-F3-17110-1701-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1701-17110-1801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1801	CONDUIT	4.66	0	11:56	2.77	0.7	1
BC-BB-F3-17110-1801-16207AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1801-17110-0129AO	CHANNEL	2.26	0	12:03	0.62	0	0.01
BC-BB-F3-17110-1901	CONDUIT	4.29	0	11:58	3.21	0.65	1
BC-BB-F3-17110-1901-17110-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1901-17110-0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0101	CONDUIT	229.75	0	12:00	8.28	0.38	1
BC-BB-F3-17300-0102	CONDUIT	229.81	0	12:00	8.19	0.38	1
BC-BB-F3-17300-0104	CONDUIT	228.62	0	12:00	10.04	0.38	1
BC-BB-F3-17300-0105	CONDUIT	229.33	0	12:00	7.73	0.38	1
BC-BB-F3-17300-0106	CONDUIT	120.8	0	12:00	6.41	0.31	1
BC-BB-F3-17300-0107	CONDUIT	121.18	0	12:00	5.29	0.54	1
BC-BB-F3-17300-0108	CONDUIT	121.15	0	12:00	5.1	0.54	1
BC-BB-F3-17300-0109	CONDUIT	121.18	0	12:00	5.1	0.54	1
BC-BB-F3-17300-0110	CONDUIT	90.65	0	12:00	4.62	0.5	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17300-0111	CONDUIT	90.65	0	12:00	4.62	0.47	1
BC-BB-F3-17300-0112	CONDUIT	90.66	0	12:00	4.62	0.49	1
BC-BB-F3-17300-0113	CONDUIT	90.67	0	12:00	4.62	0.5	1
BC-BB-F3-17300-0114	CONDUIT	89.05	0	12:00	4.54	0.49	1
BC-BB-F3-17300-0115	CONDUIT	86.53	0	12:00	4.41	0.48	1
BC-BB-F3-17300-0116	CONDUIT	19.41	0	12:00	0.99	0.1	1
BC-BB-F3-17300-0117	CONDUIT	19.64	0	12:00	6.61	1.24	0.9
BC-BB-F3-17300-0118	CONDUIT	14.48	0	12:00	4.61	0.91	1
BC-BB-F3-17300-0119	CONDUIT	14.48	0	12:00	6.02	1.29	1
BC-BB-F3-17300-0120	CONDUIT	4.65	0	12:01	1.94	0.42	1
BC-BB-F3-17300-0121	CONDUIT	4.65	0	12:01	2.63	0.62	1
BC-BB-F3-17300-0121-17300-3901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0201	CONDUIT	11.9	0	12:00	6.73	1.59	1
BC-BB-F3-17300-0202	CONDUIT	11.9	0	12:00	6.73	1.61	1
BC-BB-F3-17300-0203	CONDUIT	11.9	0	12:00	6.73	1.61	1
BC-BB-F3-17300-0204	CONDUIT	11.9	0	12:00	6.73	1.6	1
BC-BB-F3-17300-0205	CONDUIT	11.9	0	12:00	6.73	1.59	1
BC-BB-F3-17300-0206	CONDUIT	11.89	0	12:00	6.73	1.43	1
BC-BB-F3-17300-0206-17300-2001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0301	CONDUIT	89.93	0	12:00	5.65	0.68	1
BC-BB-F3-17300-0302	CONDUIT	77.39	0	12:00	5.46	1.31	1
BC-BB-F3-17300-0303	CONDUIT	74.8	0	12:00	5.27	1.27	1
BC-BB-F3-17300-0304	CONDUIT	69.86	0	12:00	4.92	0.12	1
BC-BB-F3-17300-0305	CONDUIT	52.76	0	12:00	7.92	0.4	1
BC-BB-F3-17300-0306	CONDUIT	52.76	0	12:00	5.48	1.47	1
BC-BB-F3-17300-0307	CONDUIT	49.31	0	12:00	5.13	0.72	1
BC-BB-F3-17300-0308	CONDUIT	49.31	0	12:00	5.13	0.72	1
BC-BB-F3-17300-0309	CONDUIT	45.66	0	12:00	4.75	0.67	1
BC-BB-F3-17300-0310	CONDUIT	20.21	0	12:00	4.27	0.57	1
BC-BB-F3-17300-0310-17300-1802AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0311	CONDUIT	9.36	0	12:01	5.31	1.44	1
BC-BB-F3-17300-0311-17300-1702AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0401	CONDUIT	24.84	0	12:02	5.09	0.25	1
BC-BB-F3-17300-0402	CONDUIT	21.44	0	12:02	4.53	0.22	1
BC-BB-F3-17300-0403	CONDUIT	21.46	0	12:02	6.63	0.22	1
BC-BB-F3-17300-0404	CONDUIT	21.44	0	12:02	6.27	0.58	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17300-0405	CONDUIT	21.43	0	12:02	4.87	0.58	1
BC-BB-F3-17300-0501	CONDUIT	4.5	0	12:00	7.45	0.13	1
BC-BB-F3-17300-0502	CONDUIT	4.5	0	12:00	8.62	0.13	1
BC-BB-F3-17300-0503	CONDUIT	4.22	0	12:00	15.77	0.05	0.58
BC-BB-F3-17300-0503-17300-2001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0601	CONDUIT	26.44	0	12:01	8.42	1.06	1
BC-BB-F3-17300-0602	CONDUIT	26.48	0	11:58	8.43	1.06	1
BC-BB-F3-17300-0602-17300-2203AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0603	CONDUIT	23.76	0	12:00	7.56	0.96	1
BC-BB-F3-17300-0604	CONDUIT	23.75	0	12:00	7.56	0.85	1
BC-BB-F3-17300-0605	CONDUIT	23.76	0	12:00	7.56	0.85	1
BC-BB-F3-17300-0605-17300-2203AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0606	CONDUIT	22.19	0	12:00	7.06	0.84	1
BC-BB-F3-17300-0607	CONDUIT	2.82	0	12:08	2.1	0.03	0.59
BC-BB-F3-17300-0607-17300-2301AO	CHANNEL	2.66	0	12:05	0.61	0	0.06
BC-BB-F3-17300-0701	CONDUIT	1.63	0	12:00	14.46	0.02	0.55
BC-BB-F3-17300-0702	CONDUIT	1.63	0	12:00	5.28	0.23	0.23
BC-BB-F3-17300-0703	CONDUIT	1.63	0	12:00	3.71	0.44	0.55
BC-BB-F3-17300-0703-17300-0607AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0801	CONDUIT	3.24	0	12:01	4.12	1.28	1
BC-BB-F3-17300-0801-17300-0503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-0901	CONDUIT	60.63	0	12:01	4.83	0.6	1
BC-BB-F3-17300-0902	CONDUIT	56.07	0	12:01	4.46	0.54	1
BC-BB-F3-17300-0903	CONDUIT	54.38	0	12:01	4.33	0.52	1
BC-BB-F3-17300-0904	CONDUIT	50.67	0	12:00	4.03	0.5	1
BC-BB-F3-17300-0905	CONDUIT	42.31	0	12:01	5.99	0.88	1
BC-BB-F3-17300-0906	CONDUIT	40.98	0	12:01	5.8	0.86	1
BC-BB-F3-17300-0907	CONDUIT	40.72	0	12:01	5.76	0.85	1
BC-BB-F3-17300-0908	CONDUIT	36.56	0	12:01	5.17	0.77	1
BC-BB-F3-17300-0909	CONDUIT	20.15	0	11:58	5.07	0.9	1
BC-BB-F3-17300-0910	CONDUIT	16.5	0	12:11	4.15	0.75	1
BC-BB-F3-17300-0911	CONDUIT	15.37	0	12:11	3.87	0.7	1
BC-BB-F3-17300-0912	CONDUIT	15.11	0	12:11	3.8	1.19	1
BC-BB-F3-17300-0913	CONDUIT	12.76	0	11:56	3.21	0.64	1
BC-BB-F3-17300-0914	CONDUIT	22.35	0	11:58	5.62	1.12	1
BC-BB-F3-17300-0915	CONDUIT	22.35	0	11:58	5.62	0.42	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17300-0915-18100-2204AO	CHANNEL	15.82	0	11:58	1.22	0	0.28
BC-BB-F3-17300-1001	CONDUIT	7.62	0	12:00	14.52	0.16	1
BC-BB-F3-17300-1002	CONDUIT	7.7	0	12:00	15.36	0.16	0.62
BC-BB-F3-17300-1002-17300-0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1003	CONDUIT	1.87	0	12:00	9.46	0.06	0.17
BC-BB-F3-17300-1003-17300-2102AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1101	CONDUIT	5.22	0	12:00	4.05	0.22	1
BC-BB-F3-17300-1101-17300-2901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1201	CONDUIT	9.97	0	12:00	5.64	0.46	1
BC-BB-F3-17300-1201-17300-3101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1301	CONDUIT	18.33	0	12:01	4.05	0.57	1
BC-BB-F3-17300-1301-17300-2203AO	CHANNEL	1.15	0	12:02	0.21	0	0.01
BC-BB-F3-17300-1401	CONDUIT	3.37	0	12:01	1.91	0.02	1
BC-BB-F3-17300-1402	CONDUIT	2.66	0	12:00	16.29	0.01	0.54
BC-BB-F3-17300-1501	CONDUIT	5.16	0	12:00	2.85	0.03	1
BC-BB-F3-17300-1502	CONDUIT	5.16	0	12:00	17.51	0.03	0.55
BC-BB-F3-17300-1601	CONDUIT	17.09	0	12:00	6.12	0.34	1
BC-BB-F3-17300-1601-17300-1502AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1602	CONDUIT	7.4	0	11:58	4.55	1.04	1
BC-BB-F3-17300-1602-17300-1502AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-1701	CONDUIT	3.6	0	12:00	2.01	0.02	1
BC-BB-F3-17300-1702	CONDUIT	3.6	0	12:00	15.02	0.02	0.55
BC-BB-F3-17300-1801	CONDUIT	3.89	0	12:00	2.16	0.03	1
BC-BB-F3-17300-1802	CONDUIT	3.89	0	12:00	14.88	0.03	0.55
BC-BB-F3-17300-1901	CONDUIT	25.5	0	11:59	6.41	1.23	1
BC-BB-F3-17300-1902	CONDUIT	20.84	0	11:59	5.24	1	1
BC-BB-F3-17300-1903	CONDUIT	20.84	0	11:59	17.21	0.23	1
BC-BB-F3-17300-1903-17300-3702AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2001	CONDUIT	4.04	0	12:00	2.37	0.02	0.55
BC-BB-F3-17300-2101	CONDUIT	0.16	0	12:00	0.94	0	0.52
BC-BB-F3-17300-2102	CONDUIT	0.16	0	12:00	4.82	0	0.05
BC-BB-F3-17300-2102-17300-0405AO	CHANNEL	4.58	0	12:00	0.97	0	0.01
BC-BB-F3-17300-2201	CONDUIT	0	0	0:00	0	0	0.5
BC-BB-F3-17300-2202	CONDUIT	0.93	0	11:05	0.97	0.03	1
BC-BB-F3-17300-2203	CONDUIT	0.61	0	11:59	3.04	0.02	1
BC-BB-F3-17300-2301	CONDUIT	6.99	0	12:00	5.98	0.21	0.98

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17300-2301-17300-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2401	CONDUIT	15.18	0	11:59	6.31	0.61	1
BC-BB-F3-17300-2402	CONDUIT	15.18	0	11:58	6.31	0.82	1
BC-BB-F3-17300-2403	CONDUIT	3.71	0	12:00	5.66	0.06	0.59
BC-BB-F3-17300-2403-17300-1502AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2501	CONDUIT	4.54	0	12:00	18.8	0.04	0.57
BC-BB-F3-17300-2502	CONDUIT	4.54	0	12:00	5.57	0.68	0.47
BC-BB-F3-17300-2502-17300-2601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2601	CONDUIT	0.99	0	12:00	9.34	0.01	0.54
BC-BB-F3-17300-2601-17300-0602AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2601-17300-0605AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2701	CONDUIT	3.89	0	12:00	14.28	0.04	0.57
BC-BB-F3-17300-2701-17300-2502AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2801	CONDUIT	8.67	0	12:00	10.37	0.29	1
BC-BB-F3-17300-2802	CONDUIT	8.67	0	12:00	10.63	0.29	0.73
BC-BB-F3-17300-2803	CONDUIT	8.7	0	12:00	11.04	0.29	0.47
BC-BB-F3-17300-2803-17300-2403AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2804	CONDUIT	4.32	0	12:00	5.19	0.41	0.48
BC-BB-F3-17300-2805	CONDUIT	4.35	0	12:00	4.92	0.39	0.5
BC-BB-F3-17300-2806	CONDUIT	4.36	0	12:00	8.76	0.05	0.32
BC-BB-F3-17300-2806-17300-3803AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-2901	CONDUIT	1.43	0	12:00	14.87	0.01	0.53
BC-BB-F3-17300-2901-17300-3101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3001	CONDUIT	0.28	0	12:00	4.29	0.01	0.53
BC-BB-F3-17300-3002	CONDUIT	0.28	0	12:00	8.61	0	0.05
BC-BB-F3-17300-3002-17300-3101AO	CHANNEL	2.29	0	12:00	0.73	0	0.01
BC-BB-F3-17300-3101	CONDUIT	4.47	0	12:00	15.93	0.04	0.57
BC-BB-F3-17300-3101-17300-3901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3201	CONDUIT	17.24	0	12:00	9.75	0.81	1
BC-BB-F3-17300-3202	CONDUIT	13.78	0	12:01	7.8	0.65	1
BC-BB-F3-17300-3202-17300-3901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3203	CONDUIT	3.97	0	11:58	2.73	0.19	1
BC-BB-F3-17300-3204	CONDUIT	3.94	0	11:58	5.48	0.19	1
BC-BB-F3-17300-3205	CONDUIT	3.67	0	11:58	4.08	0.17	1
BC-BB-F3-17300-3206	CONDUIT	0	0	0:00	0	0	0.5
BC-BB-F3-17300-3206-17300-3202AO	CHANNEL	6.25	0	12:00	1.04	0	0.03

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-17300-3301	CONDUIT	6.2	0	12:00	14.45	0.04	0.59
BC-BB-F3-17300-3301-17300-3401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3401	CONDUIT	5.75	0	12:00	5.35	0.06	0.59
BC-BB-F3-17300-3401-17300-3501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3501	CONDUIT	1.44	0	12:00	10.79	0.01	0.54
BC-BB-F3-17300-3501-17300-3601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3601	CONDUIT	7.8	0	12:00	5.69	0.09	1
BC-BB-F3-17300-3601-18100-2206AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3701	CONDUIT	5.37	0	11:58	2.9	0.04	1
BC-BB-F3-17300-3702	CONDUIT	5.73	0	12:00	14.41	0.04	0.66
BC-BB-F3-17300-3801	CONDUIT	11.66	0	11:58	6.6	0.95	1
BC-BB-F3-17300-3802	CONDUIT	8.1	0	11:58	5	0.66	1
BC-BB-F3-17300-3803	CONDUIT	4.48	0	12:00	5.61	0.09	0.66
BC-BB-F3-17300-3803-17300-1802AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-3901	CONDUIT	3.67	0	12:00	3.37	0.07	0.59
BC-BB-F3-17300-3901-17300-3301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-4001	CONDUIT	3.25	0	12:00	5.41	0.12	0.89
BC-BB-F3-17300-4001-17300-3202AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-4101	CONDUIT	3.76	0	12:00	3.56	0.07	0.59
BC-BB-F3-17300-4101-17300-1702AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17300-4201	CONDUIT	3.97	0	12:04	4.53	0.19	1
BC-BB-F3-17300-4202	CONDUIT	4.15	0	11:58	8.04	0.2	1
BC-BB-F3-17300-4202-17300-3702AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17900S	CONDUIT	377.19	0	12:11	6.12	0.42	1
BC-BB-F3-17905S	CONDUIT	444.71	0	11:59	8.27	0.51	1
BC-BB-F3-179073-16105AO	CHANNEL	28.46	0	12:05	1.98	0	0.03
BC-BB-F3-17907A	CONDUIT	25.9	0	11:59	5.28	0.89	1
BC-BB-F3-17910S	CONDUIT	531.3	0	11:59	7.96	0.61	1
BC-BB-F3-18000-17050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18000S	CONDUIT	72.76	0	11:55	10.32	2	1
BC-BB-F3-18100-0101	CONDUIT	150.63	0	12:00	7.83	0.26	1
BC-BB-F3-18100-0102	CONDUIT	150.62	0	12:00	7.84	0.26	1
BC-BB-F3-18100-0104	CONDUIT	153.54	0	12:00	9.94	0.26	1
BC-BB-F3-18100-0105	CONDUIT	57.12	0	11:59	4.27	0.4	1
BC-BB-F3-18100-0106	CONDUIT	55.81	0	11:59	3.89	0.39	1
BC-BB-F3-18100-0107	CONDUIT	48.68	0	11:59	4.3	0.45	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-18100-0108	CONDUIT	47.92	0	11:59	4.15	0.44	1
BC-BB-F3-18100-0109	CONDUIT	29.16	0	11:59	2.98	0.32	1
BC-BB-F3-18100-0110	CONDUIT	27.07	0	12:00	3.1	0.29	1
BC-BB-F3-18100-0111	CONDUIT	29.32	0	12:00	3.48	0.31	1
BC-BB-F3-18100-0112	CONDUIT	29.71	0	12:00	3.09	0.43	1
BC-BB-F3-18100-0113	CONDUIT	23.19	0	12:01	2.41	0.34	1
BC-BB-F3-18100-0114	CONDUIT	23.19	0	12:01	2.41	0.34	1
BC-BB-F3-18100-0115	CONDUIT	18.1	0	12:00	1.94	0.26	1
BC-BB-F3-18100-0116	CONDUIT	18.68	0	12:00	2.39	0.27	1
BC-BB-F3-18100-0117	CONDUIT	19.4	0	12:00	3.14	0.28	1
BC-BB-F3-18100-0118	CONDUIT	15.17	0	12:01	4.78	1.04	1
BC-BB-F3-18100-0201	CONDUIT	4.1	0	12:01	2.32	0.76	1
BC-BB-F3-18100-0201-18100-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0301	CONDUIT	100.1	0	12:00	10.3	0.36	1
BC-BB-F3-18100-0302	CONDUIT	91.02	0	12:00	6.45	0.33	1
BC-BB-F3-18100-0303	CONDUIT	90.97	0	12:00	5.72	0.7	1
BC-BB-F3-18100-0304	CONDUIT	90.99	0	12:00	5.72	0.71	1
BC-BB-F3-18100-0305	CONDUIT	90.96	0	12:00	5.72	0.71	1
BC-BB-F3-18100-0306	CONDUIT	90.96	0	12:00	5.72	0.7	1
BC-BB-F3-18100-0307	CONDUIT	88.2	0	12:00	5.55	0.63	1
BC-BB-F3-18100-0308	CONDUIT	52.89	0	12:00	5.5	0.73	1
BC-BB-F3-18100-0309	CONDUIT	52.89	0	12:00	5.5	0.73	1
BC-BB-F3-18100-0310	CONDUIT	50.8	0	12:00	5.28	0.7	1
BC-BB-F3-18100-0310-18100-2501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0311	CONDUIT	47.33	0	12:00	6.7	0.6	1
BC-BB-F3-18100-0312	CONDUIT	47.33	0	12:00	6.7	0.6	1
BC-BB-F3-18100-0313	CONDUIT	47.33	0	12:00	6.7	1	1
BC-BB-F3-18100-0314	CONDUIT	47.33	0	12:00	6.7	1	1
BC-BB-F3-18100-0315	CONDUIT	43.34	0	12:00	6.13	0.91	1
BC-BB-F3-18100-0316	CONDUIT	34.78	0	11:56	4.92	0.67	1
BC-BB-F3-18100-0317	CONDUIT	34.61	0	11:56	4.9	0.73	1
BC-BB-F3-18100-0318	CONDUIT	13.64	0	11:51	5.3	0.53	1
BC-BB-F3-18100-0319	CONDUIT	14.58	0	11:52	5.45	0.57	1
BC-BB-F3-18100-0320	CONDUIT	12.97	0	11:52	3.93	0.5	1
BC-BB-F3-18100-0321	CONDUIT	13.49	0	11:53	3.8	0.52	1
BC-BB-F3-18100-0322	CONDUIT	6.85	0	12:01	3.87	0.65	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-18100-0323	CONDUIT	6.85	0	12:01	3.88	1.08	1
BC-BB-F3-18100-0323-18100-4101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0401	CONDUIT	3.69	0	12:00	2.08	0.02	0.55
BC-BB-F3-18100-0501	CONDUIT	11.72	0	12:01	3.66	0.36	1
BC-BB-F3-18100-0501-18100-0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0601	CONDUIT	4.87	0	12:05	2.71	0.03	0.56
BC-BB-F3-18100-0701	CONDUIT	21.12	0	12:00	5.53	0.67	1
BC-BB-F3-18100-0702	CONDUIT	8.34	0	12:01	1.72	0.27	1
BC-BB-F3-18100-0702-18100-0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0801	CONDUIT	5.4	0	12:00	2.98	0.03	0.56
BC-BB-F3-18100-0901	CONDUIT	2.5	0	12:01	1.02	0.01	0.73
BC-BB-F3-18100-0901-18100-1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-0902	CONDUIT	0.7	0	12:08	1.03	0.11	0.6
BC-BB-F3-18100-0902-18100-1102AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1001	CONDUIT	8.77	0	12:01	4.66	0.05	0.58
BC-BB-F3-18100-1101	CONDUIT	6.69	0	12:01	3.6	0.04	1
BC-BB-F3-18100-1102	CONDUIT	5.65	0	12:00	16.34	0.04	0.55
BC-BB-F3-18100-1201	CONDUIT	9.43	0	12:00	7.93	0.15	0.65
BC-BB-F3-18100-1301	CONDUIT	2.84	0	12:00	12.93	0.03	0.56
BC-BB-F3-18100-1301-18100-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1401	CONDUIT	35.37	0	12:00	11.26	1.12	1
BC-BB-F3-18100-1402	CONDUIT	29.05	0	12:00	9.25	0.92	1
BC-BB-F3-18100-1403	CONDUIT	26.84	0	12:01	8.54	0.86	1
BC-BB-F3-18100-1404	CONDUIT	21.43	0	12:01	6.82	0.68	1
BC-BB-F3-18100-1405	CONDUIT	21.44	0	12:01	6.82	0.68	1
BC-BB-F3-18100-1406	CONDUIT	19.8	0	12:01	6.3	0.63	1
BC-BB-F3-18100-1407	CONDUIT	19.81	0	12:01	6.3	0.63	1
BC-BB-F3-18100-1408	CONDUIT	15.69	0	11:57	6.52	0.71	1
BC-BB-F3-18100-1408-18100-0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1409	CONDUIT	12.28	0	11:56	5.11	0.55	1
BC-BB-F3-18100-1410	CONDUIT	12.28	0	11:56	5.1	0.56	1
BC-BB-F3-18100-1411	CONDUIT	12.28	0	11:56	5.1	0.55	1
BC-BB-F3-18100-1412	CONDUIT	8.03	0	12:11	7.42	0.55	1
BC-BB-F3-18100-1413	CONDUIT	6.27	0	12:11	4.78	0.43	1
BC-BB-F3-18100-1414	CONDUIT	6.27	0	12:11	5.94	0.43	1
BC-BB-F3-18100-1415	CONDUIT	3.32	0	12:11	4.17	0.23	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-18100-1415-18100-0118AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1501	CONDUIT	2.13	0	12:00	11.26	0.02	0.55
BC-BB-F3-18100-1501-18100-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1601	CONDUIT	4.3	0	12:00	2.43	0.58	1
BC-BB-F3-18100-1601-18100-2802AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1701	CONDUIT	8.6	0	12:00	14.78	0.1	0.62
BC-BB-F3-18100-1701-18100-1801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-1801	CONDUIT	0.2	0	12:00	4.45	0	0.52
BC-BB-F3-18100-1801-18100-2804AO	CHANNEL	1.68	0	12:00	0.65	0	0.01
BC-BB-F3-18100-1901	CONDUIT	10.42	0	12:00	11.55	0.27	1
BC-BB-F3-18100-1902	CONDUIT	10.42	0	12:00	14.11	0.27	0.73
BC-BB-F3-18100-1903	CONDUIT	10.43	0	12:00	11.73	0.27	0.53
BC-BB-F3-18100-1904	CONDUIT	7.56	0	12:00	5.33	1.01	0.78
BC-BB-F3-18100-1905	CONDUIT	5.42	0	12:00	3.31	0.73	0.9
BC-BB-F3-18100-1905-18100-3501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2001	CONDUIT	17.25	0	12:00	5.49	0.9	1
BC-BB-F3-18100-2002	CONDUIT	11.65	0	12:00	4.85	0.14	0.9
BC-BB-F3-18100-2003	CONDUIT	12.04	0	12:00	13.93	0.15	0.53
BC-BB-F3-18100-2004	CONDUIT	5.15	0	12:00	6.96	0.11	0.29
BC-BB-F3-18100-2005	CONDUIT	5.15	0	12:00	5.91	0.23	0.32
BC-BB-F3-18100-2006	CONDUIT	0.08	0	12:10	0.24	0	0.37
BC-BB-F3-18100-2007	CONDUIT	0	0	0:00	0	0	0.07
BC-BB-F3-18100-2007-18100-2204AO	CHANNEL	5.68	0	12:00	0.99	0	0.02
BC-BB-F3-18100-2101	CONDUIT	3.68	0	11:59	6.45	0.07	0.78
BC-BB-F3-18100-2101-18100-2204AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2201	CONDUIT	9.97	0	11:53	5.64	1.66	1
BC-BB-F3-18100-2202	CONDUIT	8.25	0	11:53	4.67	1.4	1
BC-BB-F3-18100-2203	CONDUIT	8.25	0	11:53	4.67	1.39	1
BC-BB-F3-18100-2204	CONDUIT	8.25	0	11:53	4.67	1.39	1
BC-BB-F3-18100-2204-18100-4101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2206	CONDUIT	3.67	0	11:53	2.08	0.69	1
BC-BB-F3-18100-2206-17300-0915AO	CHANNEL	6.49	0	11:58	0.95	0	0.25
BC-BB-F3-18100-2206-18100-2204AO	CHANNEL	4.37	0	12:05	0.36	0	0.25
BC-BB-F3-18100-2301	CONDUIT	4.65	0	12:00	2.63	0.71	1
BC-BB-F3-18100-2301-18100-0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2401	CONDUIT	9.24	0	12:00	5.23	1.42	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-18100-2401-18100-0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2501	CONDUIT	6.71	0	12:00	8.48	0.1	0.61
BC-BB-F3-18100-2501-18100-0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2601	CONDUIT	0.1	0	12:00	1.82	0	0.51
BC-BB-F3-18100-2601-18100-2901AO	CHANNEL	1.55	0	12:00	0.62	0	0.01
BC-BB-F3-18100-2701	CONDUIT	2.26	0	12:00	5.27	0.04	0.91
BC-BB-F3-18100-2701-18100-2601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-2801	CONDUIT	2.45	0	12:00	6.6	0.03	0.56
BC-BB-F3-18100-2802	CONDUIT	2.45	0	12:00	2.26	0.07	0.59
BC-BB-F3-18100-2802-18100-3001AO	CHANNEL	0.6	0	12:00	0.13	0	0.01
BC-BB-F3-18100-2803	CONDUIT	0.01	0	12:01	0.18	0	0.11
BC-BB-F3-18100-2804	CONDUIT	0.02	0	12:00	0.77	0	0.04
BC-BB-F3-18100-2804-18100-3201AO	CHANNEL	2.55	0	12:00	0.77	0	0.01
BC-BB-F3-18100-2901	CONDUIT	3.59	0	11:57	4.44	0.11	1
BC-BB-F3-18100-2901-18100-0601AO	CHANNEL	2.02	0	12:05	0.7	0	0.01
BC-BB-F3-18100-3001	CONDUIT	0	0	0:00	0	0	0.5
BC-BB-F3-18100-3001-18100-3101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3101	CONDUIT	1.97	0	12:12	3.15	0.08	1
BC-BB-F3-18100-3101-18100-0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3201	CONDUIT	4.17	0	12:01	3.29	0.07	1
BC-BB-F3-18100-3201-18100-1408AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3301	CONDUIT	4.47	0	11:56	6.69	0.1	1
BC-BB-F3-18100-3301-18100-1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3401	CONDUIT	3.68	0	11:56	4.98	0.1	1
BC-BB-F3-18100-3401-18100-1102AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3501	CONDUIT	3.91	0	12:11	5.05	0.14	1
BC-BB-F3-18100-3501-18100-0117AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3601	CONDUIT	2.92	0	12:00	5.91	0.16	0.32
BC-BB-F3-18100-3601-18100-3301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3701	CONDUIT	2.19	0	12:00	4.91	0.14	0.3
BC-BB-F3-18100-3701-18100-3401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3801	CONDUIT	5.75	0	12:00	9.51	0.07	0.61
BC-BB-F3-18100-3801-18100-1801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-3901	CONDUIT	6.92	0	12:00	15.09	0.11	0.31
BC-BB-F3-18100-3901-18100-2101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-4001	CONDUIT	5.18	0	12:00	8.43	0.17	0.39

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-18100-4001-18100-2101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18100-4101	CONDUIT	3.61	0	12:01	2.04	0.17	1
BC-BB-F3-18890S	CONDUIT	623.44	0	12:00	8.45	0.71	1
BC-BB-F3-18891	CONDUIT	466.18	0	12:01	5.96	0.53	1
BC-BB-F3-18892	CONDUIT	13.73	0	12:00	11.21	0.53	1
BC-BB-F3-18892-17110-0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18894	CONDUIT	446.1	0	12:00	5.68	0.51	1
BC-BB-F3-18895	CONDUIT	2.7	0	11:59	12.28	0.06	1
BC-BB-F3-18895-16300-B1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18897	CONDUIT	450.67	0	12:00	5.74	0.51	1
BC-BB-F3-18898	CONDUIT	3.11	0	11:59	13.56	0.07	1
BC-BB-F3-18898-16300-B1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18900	CONDUIT	449.8	0	12:00	5.73	0.51	1
BC-BB-F3-18902	CONDUIT	302.42	0	12:00	3.85	0.35	1
BC-BB-F3-18903	CONDUIT	2.99	0	11:58	13.15	0.07	1
BC-BB-F3-18903-16300-B1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18905	CONDUIT	298.15	0	12:00	3.8	0.34	1
BC-BB-F3-18906	CONDUIT	3.36	0	11:59	13.24	0.08	1
BC-BB-F3-18906-16300-B0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18908	CONDUIT	299.01	0	12:00	3.83	0.34	1
BC-BB-F3-18909	CONDUIT	11.67	0	12:00	13.5	0.38	1
BC-BB-F3-18909-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18911	CONDUIT	305.59	0	12:00	4.4	0.35	1
BC-BB-F3-18912	CONDUIT	7.3	0	12:02	4.17	0.32	1
BC-BB-F3-18912-16300-B0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18914	CONDUIT	329.93	0	12:01	4.77	0.38	1
BC-BB-F3-18915	CONDUIT	8.93	0	12:01	5.07	0.59	1
BC-BB-F3-18946	CONDUIT	338.41	0	12:00	4.8	0.39	1
BC-BB-F3-18948	CONDUIT	326.42	0	12:00	4.98	0.37	1
BC-BB-F3-18950S	CONDUIT	315.64	0	12:00	5.22	0.36	1
BC-BB-F3-19000A	CONDUIT	127.53	0	12:00	13.56	0.17	1
BC-BB-F3-19050S	CONDUIT	279.16	0	12:01	5.6	0.28	1
BC-BB-F3-19060S	CONDUIT	355.35	0	12:03	9.95	0.93	1
BC-BB-F3-19080S	CONDUIT	325.11	0	12:01	8.59	0.85	1
BC-BB-F3-19095S	CONDUIT	154.78	0	12:01	5.06	0.4	0.93
BC-BB-F3-19100S	CONDUIT	173.81	0	12:00	7.98	0.57	0.93

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
BC-BB-F3-19110S	CONDUIT	51	0	12:00	4.64	0.47	0.96
BC-BB-F3-19112S	CONDUIT	25.12	0	12:00	5.32	0.69	0.76
BC-BB-F3-19120S	CONDUIT	19.19	0	12:00	5.53	0.31	0.72
BC-BB-F3-19150S	CONDUIT	79.21	0	12:01	4.03	0.69	1
BC-BB-F3-19200S	CONDUIT	78.88	0	12:01	4.96	0.89	1
BC-BB-F3-19250S	CONDUIT	19.59	0	12:06	1.72	0.26	1
BC-BB-F3-19300S	CONDUIT	19.77	0	12:00	2.84	0.44	1
BC-BB-F3-20000S	CONDUIT	200.33	0	12:00	6.18	0.63	1
BC-BB-F3-20010S	CONDUIT	32.07	0	12:05	2.35	0.37	1
BC-BB-F3-20020S	CONDUIT	32.07	0	12:05	2.48	0.42	1
BC-BB-F3-20030S	CONDUIT	65.54	0	12:00	3.73	0.35	1
BC-BB-F3-20100S	CONDUIT	41.33	0	11:59	4.3	0.96	1
BC-BB-F3-20200S	CONDUIT	9.62	0	12:00	2.26	0.21	1
BC-BB-F3-21000S	CONDUIT	68.18	0	11:59	6.38	0.63	1
BC-BB-F3-21050S	CONDUIT	27.81	0	12:04	2.97	0.35	1
BC-BB-F3-21075S	CONDUIT	29.48	0	11:58	4.73	0.53	1
BC-BB-F3-21100S	CONDUIT	36.48	0	12:00	6.13	1	1
BC-BB-F-10270S	CONDUIT	350.34	0	12:05	7.99	0.81	0.84
BC-BB-F-10260S	CONDUIT	340.3	0	12:08	7.29	0.57	0.71
BC-BB-F-10250S	CONDUIT	329.55	0	12:10	7.19	0.65	0.7
BC-BB-F-10230S	CONDUIT	320.94	0	12:12	7.31	0.57	0.68
BC-BB-F3-17000_BS	CONDUIT	306.18	0	12:14	6.61	0.53	0.72
BC-BB-F-10190S	CONDUIT	299.05	0	12:16	6.33	0.67	0.71
BC-BB-F-10005S	CONDUIT	292.15	0	12:18	5.44	0.41	0.56
BC-BB-F-10000S	CONDUIT	288.14	0	12:20	5.24	0.36	0.57
BC-BB-F3-11200A	CHANNEL	2758.97	0	12:31	11.22	0.07	0.26
BC-BB-F3-11300A	CHANNEL	2575.61	0	12:39	8.6	0.06	0.3
C58	CONDUIT	7.82	0	12:02	2.49	0.53	1
BC-BB-F-10280S	CONDUIT	359.66	0	12:03	7.52	0.93	0.94
C9100	CONDUIT	0	0	0:00	0	0	0
C9200	CONDUIT	42.01	0	12:11	0.69	0	0.11
C9300	CONDUIT	0	0	0:00	0	0	0
C9400	CONDUIT	0	0	0:00	0	0	0
C9500	CONDUIT	23.33	0	12:02	0.23	0	0.61
C9600	CONDUIT	2305.55	0	12:23	6.6	0.05	0.86
C9700	CONDUIT	7.4	0	12:02	0.14	0	0.55

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
C9800	CONDUIT	62.64	0	12:04	0.21	0	0.97
C9900	CONDUIT	0	0	0:00	0	0	0.06
Ov_C58	CHANNEL	0	0	0:00	0	0	0
Ov_Pipe - (126)	CHANNEL	4.02	0	12:06	0.51	0	0.07
Ov_SD2-2	CHANNEL	28.9	0	12:04	0.47	0	0.9
Ov_SD2-3	CHANNEL	27.49	0	12:06	0.6	0	0.9
Ov_SD2-4	CHANNEL	28.8	0	12:08	0.6	0	0.9
Ov_SD2-5	CHANNEL	41.66	0	12:07	1.16	0	0.9
Ov_SD6-1	CHANNEL	3.72	0	12:11	0.22	0	0.11
Ov_SD6-2	CHANNEL	12.07	0	12:09	0.25	0	0.11
Ov_SD6-3	CHANNEL	20.09	0	12:08	0.41	0	0.11
Ov_SD6-4	CHANNEL	28.98	0	12:07	0.57	0	0.11
Ov_SD6-5	CHANNEL	38.43	0	12:07	0.78	0	0.11
Ov_SD6-6	CHANNEL	48.9	0	12:05	1	0	0.11
Ov_SD6-7	CHANNEL	57.23	0	12:07	1.16	0	0.11
Ov_SD6-8	CHANNEL	64.12	0	12:05	1.37	0	0.11
Ov_SD6-9	CHANNEL	69.88	0	12:05	1.68	0.01	0.1
Ov_SD6-T9	CHANNEL	70.92	0	12:06	2.43	0.01	0.1
Pipe - (125)	CONDUIT	21.11	0	12:00	11.95	1.64	1
Pipe - (126)	CONDUIT	5.13	0	11:57	6.21	0.4	1
Pipe - (127)	CONDUIT	3.2	0	11:58	4.99	0.25	1
Pipe - (128)	CONDUIT	2.84	0	12:00	5.12	0.22	1
Pipe - (129)	CONDUIT	6.93	0	12:29	6.42	0.54	1
Pipe - (130)	CONDUIT	15.11	0	12:33	8.55	1.18	1
Pipe - (186)	CONDUIT	7.58	0	12:00	6.52	0.59	0.63
Pipe - (34)	CONDUIT	11.44	0	12:00	7.03	0.89	0.87
Pipe - (35)	CONDUIT	10.53	0	12:00	6.9	0.82	0.81
SD1-1	CONDUIT	9.66	0	12:00	3.07	0.33	1
SD1-2	CONDUIT	49.82	0	12:00	7.05	0.58	1
SD1-3	CONDUIT	62.32	0	12:00	8.82	0.73	1
SD1-4	CONDUIT	76.43	0	12:00	10.81	0.94	1
SD1-T1	CONDUIT	14.13	0	12:00	4.5	0.14	1
SD1-T2	CONDUIT	12.47	0	12:00	3.97	0.62	1
SD1-T3	CONDUIT	40.16	0	12:00	12.78	1.76	1
SD2-1	CONDUIT	2.6	0	12:00	0.83	0.14	1
SD2-2	CONDUIT	10.43	0	13:01	2.13	0.44	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
SD2-3	CONDUIT	14.24	0	13:01	2.01	0.37	1
SD2-4	CONDUIT	18.8	0	13:01	2.66	0.52	1
SD2-5	CONDUIT	20.62	0	13:01	2.92	0.56	1
SD2-6	CONDUIT	32.51	0	12:20	4.6	0.89	1
SD2-7	CONDUIT	29.07	0	12:40	4.11	0.77	1
SD2-T1	CONDUIT	17.65	0	12:00	5.62	0.49	1
SD2-T2	CONDUIT	7.55	0	12:00	3.7	0.14	1
SD2-T3	CONDUIT	8.3	0	12:00	3.37	0.21	1
SD3-1	CONDUIT	2.84	0	11:50	2.5	0.14	1
SD3-2	CONDUIT	6.21	0	12:03	1.98	0.31	1
SD3-3	CONDUIT	5.92	0	13:02	2.61	0.16	1
SD3-4	CONDUIT	13.95	0	11:59	2.84	0.37	1
SD3-5	CONDUIT	26.79	0	12:00	5.46	0.72	1
SD3-T1	CONDUIT	5.35	0	12:00	3.06	0.27	1
SD3-T2	CONDUIT	8.75	0	12:00	7.97	0.1	1
SD3-T3	CONDUIT	12.85	0	12:00	4.09	0.64	1
SD6-1	CONDUIT	3.56	0	11:56	3.59	0.75	1
SD6-10	CONDUIT	84.55	0	12:03	11.96	2.19	1
SD6-11	CONDUIT	84.55	0	12:03	11.96	0.92	1
SD6-12	CONDUIT	102.01	0	12:11	14.43	1.12	1
SD6-2	CONDUIT	9.4	0	11:56	4.59	0.77	1
SD6-3	CONDUIT	14.11	0	11:55	4.49	0.72	1
SD6-4	CONDUIT	20.33	0	11:55	4.14	0.57	1
SD6-5	CONDUIT	26.82	0	11:55	5.46	0.75	1
SD6-6	CONDUIT	39.44	0	12:33	8.03	1.1	1
SD6-7	CONDUIT	41.96	0	12:31	8.55	1.18	1
SD6-8	CONDUIT	47.03	0	12:29	6.65	0.81	1
SD6-9	CONDUIT	53.66	0	11:58	7.59	0.92	1
SD6-T1	CONDUIT	6.39	0	11:55	9.34	0.8	1
SD6-T2	CONDUIT	5.51	0	11:54	8.5	0.55	1
SD6-T3	CONDUIT	6.24	0	11:55	8.89	0.47	1
SD6-T4	CONDUIT	6.74	0	11:55	8.61	0.44	1
SD6-T5	CONDUIT	7.58	0	11:56	9.65	0.47	1
SD6-T6	CONDUIT	8.08	0	11:57	10.28	0.52	1
SD6-T7	CONDUIT	9.81	0	11:58	12.49	0.52	1
SD6-T8	CONDUIT	10.61	0	11:58	13.5	0.52	1

Link	Type	Maximum	Day of	Hour of	Maximum	Max /	Max /
SD6-T9	CONDUIT	8.05	0	11:59	10.25	0.7	1
ST501	CONDUIT	34.37	0	12:01	6.01	0.95	1
ST502	CONDUIT	34.37	0	12:01	4.99	0.95	1
ST601	CONDUIT	20.85	0	12:00	3.02	0.49	1
ST602	CONDUIT	28.72	0	12:02	4.08	0.79	1
ST603	CONDUIT	17.7	0	12:02	2.53	0.48	1
ST604	CONDUIT	7.4	0	12:02	1.81	0.2	1
ST701	CONDUIT	19.78	0	12:31	3.74	0.54	1
ST702	CONDUIT	11.67	0	12:01	2.84	0.32	1
ST703	CONDUIT	7.99	0	12:02	4.52	1.08	1
ST704	CONDUIT	6.98	0	11:58	2.38	0.15	1
Ov_SD2-7	CHANNEL	31.97	0	12:20	1.47	0	0.18
P2-3	CONDUIT	12.37	0	12:05	15.75	5.91	1
P2-L1	CONDUIT	12.37	0	12:05	15.75	1.47	1
PT-Line2	CONDUIT	8.6	0	13:28	4.87	1.57	1
PT-Line3	CONDUIT	17.52	0	12:34	9.91	3.22	1
LinePT-6_2	CONDUIT	23.81	0	12:30	9.74	0.19	1
LinePT-S	CONDUIT	6.62	0	11:43	12.15	2.84	1
Ov_SD6-12	CHANNEL	0	0	0:00	0	0	0
PT-Line1	CONDUIT	7.15	0	0:54	4.53	1.26	1
RS_FF-205	CONDUIT	19.05	0	12:09	10.78	1.8	1
DuromaxxPipe	CONDUIT	20.72	0	12:09	1.24	0.04	1
RS_FF202	CONDUIT	12.88	0	12:10	7.29	1.31	1
RS_FF201	CONDUIT	12.88	0	12:10	7.29	1.59	1
Ov_PT-Line1	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line2	CHANNEL	0	0	0:00	0	0	0
LinePT-6_1	CONDUIT	23.81	0	12:30	7.42	0.39	1
Ov_LinePT-S	CHANNEL	0	0	0:00	0	0	0
LinePT-3_1	CONDUIT	26.47	0	12:29	5.11	0.17	1
LinePT-3_2	CONDUIT	26.47	0	12:29	3.74	0.55	1
D3-M1	CONDUIT	55.24	0	12:00	8.81	0.77	1
D3-M2	CONDUIT	50.3	0	12:01	17.6	0.2	1
D3-M3	CONDUIT	47.99	0	12:01	6.79	0.27	1
Ov_D3-M2	CHANNEL	0	0	0:00	0	0	0
Ov_SD3-1	CHANNEL	3.18	0	12:03	0.18	0	0.28

Table 13. Proposed Interim Conditions 100-Year Link Flow

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-12090S	CONDUIT	1075.72	0	12:44	13.7	0.62	1
BC-BB-F3-16000S	CONDUIT	1075.72	0	12:44	16.37	0.52	1
BC-BB-F3-16002S	CONDUIT	551.28	0	12:43	7.02	0.35	1
BC-BB-F3-16003-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16003S	CONDUIT	669.33	0	12:01	9.01	0.74	1
BC-BB-F3-16007-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16007A	CONDUIT	142.26	0	11:59	11.46	0.77	1
BC-BB-F3-16010-16007AO	CHANNEL	61.18	0	12:36	2.76	0.02	0.13
BC-BB-F3-16010A	CONDUIT	140.38	0	11:59	14.6	1.37	1
BC-BB-F3-16050A	CONDUIT	684.21	0	11:59	9.23	0.66	1
BC-BB-F3-16100	CONDUIT	65.14	0	11:59	14	0.82	1
BC-BB-F3-16105	CONDUIT	34.18	0	11:59	10.9	1.48	1
BC-BB-F3-16105-16195AO	CHANNEL	34.72	0	12:07	2.24	0.01	0.06
BC-BB-F3-16120	CONDUIT	38.71	0	12:02	8.38	0.94	1
BC-BB-F3-16125	CONDUIT	18.08	0	12:00	10.67	0.18	1
BC-BB-F3-16125-17907AO	CHANNEL	9.5	0	12:05	1.26	0	0.03
BC-BB-F3-16130	CONDUIT	22.98	0	12:05	8.35	0.84	1
BC-BB-F3-16135	CONDUIT	20.24	0	12:03	8.46	0.2	1
BC-BB-F3-16135-16125AO	CHANNEL	3.12	0	12:05	0.78	0	0.02
BC-BB-F3-16140	CONDUIT	5.28	0	12:04	2.65	0.19	0.97
BC-BB-F3-16145	CONDUIT	5.9	0	12:04	7.8	0.07	0.55
BC-BB-F3-16145-16135AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16190S	CONDUIT	646.2	0	11:59	8.29	0.3	1
BC-BB-F3-16193	CONDUIT	52.82	0	12:02	16.81	17.32	1
BC-BB-F3-16193-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16195-16193AO	CHANNEL	58.24	0	12:07	2.77	0.02	0.09
BC-BB-F3-16195A	CONDUIT	33.96	0	12:00	10.82	2.12	1
BC-BB-F3-16200S	CONDUIT	599.66	0	11:59	7.64	0.66	1
BC-BB-F3-16202	CONDUIT	56.17	0	13:04	4.96	0.11	1
BC-BB-F3-16203	CONDUIT	44.73	0	12:00	11.08	0.36	1
BC-BB-F3-16204	CONDUIT	51.22	0	12:03	7.27	0.44	1
BC-BB-F3-16205	CONDUIT	54	0	12:04	6.87	0.45	1
BC-BB-F3-16206	CONDUIT	28.69	0	12:05	5.62	0.34	1
BC-BB-F3-16207	CONDUIT	7.15	0	12:02	5.37	0.28	0.66
BC-BB-F3-16207-16209AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16208	CONDUIT	29.11	0	12:04	14.88	0.27	1
BC-BB-F3-16208-16228AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16209	CONDUIT	19.35	0	12:05	16.26	0.17	0.83
BC-BB-F3-16209-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16210	CONDUIT	563.37	0	11:59	7.17	0.71	1
BC-BB-F3-16212	CONDUIT	27.49	0	12:03	8.75	3.4	1
BC-BB-F3-16213	CONDUIT	28.12	0	12:03	9.07	1.76	1
BC-BB-F3-16213-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214	CONDUIT	14.37	0	12:03	6.3	0.68	1
BC-BB-F3-16214-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214-16213AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16215	CONDUIT	548.35	0	11:59	6.98	0.6	1
BC-BB-F3-16216	CONDUIT	12.34	0	12:03	5.13	1.94	1
BC-BB-F3-16218	CONDUIT	12.51	0	12:03	7.18	1.68	1
BC-BB-F3-16218-16213AO	CHANNEL	5.25	0	12:03	0.05	0	1
BC-BB-F3-16220	CONDUIT	540.91	0	11:59	6.89	0.6	1
BC-BB-F3-16221	CONDUIT	20.9	0	11:59	6.21	0.53	1
BC-BB-F3-16222	CONDUIT	20.9	0	11:59	6.34	0.48	1
BC-BB-F3-16223	CONDUIT	20.93	0	11:57	11.37	0.23	1
BC-BB-F3-16224	CONDUIT	21.97	0	11:58	11.68	0.72	1
BC-BB-F3-16225	CONDUIT	22.04	0	11:59	9.68	0.72	1
BC-BB-F3-16226	CONDUIT	22.13	0	11:58	9.22	0.77	1
BC-BB-F3-16227	CONDUIT	20.08	0	12:00	11.36	3.1	1
BC-BB-F3-16227-16233AO	CHANNEL	0.18	0	12:06	0.23	0	0
BC-BB-F3-16228	CONDUIT	7.53	0	12:10	4.26	1.67	1
BC-BB-F3-16228-16227AO	CHANNEL	1.61	0	12:05	0.59	0	0.01
BC-BB-F3-16231	CONDUIT	3.6	0	11:52	7.02	0.96	1
BC-BB-F3-16232	CONDUIT	3.69	0	11:44	6.77	2.51	1
BC-BB-F3-16233	CONDUIT	3.69	0	11:44	6.77	2.94	1
BC-BB-F3-16233-16213AO	CHANNEL	19.45	0	12:00	1.74	0.01	0.04
BC-BB-F3-16235	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16236	CONDUIT	7.05	0	12:01	2.7	0.08	1
BC-BB-F3-16236-16218AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16250	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16260	CONDUIT	462.64	0	11:59	5.89	0.51	1
BC-BB-F3-16271	CONDUIT	5.11	0	12:05	2.12	0.25	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16271-16236AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16292	CONDUIT	461.79	0	12:04	5.88	0.51	1
BC-BB-F3-16294	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16296	CONDUIT	461.82	0	12:04	5.88	0.51	1
BC-BB-F3-16298	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16300	CONDUIT	510.35	0	11:57	6.5	0.56	1
BC-BB-F3-16300-A0102	CONDUIT	115.32	0	11:58	9.18	0.92	1
BC-BB-F3-16300-A0103	CONDUIT	69.24	0	11:59	7.72	0.97	1
BC-BB-F3-16300-A0104	CONDUIT	59.86	0	11:59	6.22	0.94	1
BC-BB-F3-16300-A0105	CONDUIT	51.23	0	11:59	5.32	0.94	1
BC-BB-F3-16300-A0106	CONDUIT	43.19	0	11:59	6.11	0.94	1
BC-BB-F3-16300-A0107	CONDUIT	35.16	0	11:59	4.97	0.94	1
BC-BB-F3-16300-A0108	CONDUIT	26.52	0	11:59	3.75	0.92	1
BC-BB-F3-16300-A0109	CONDUIT	19.74	0	11:59	4.02	1.01	1
BC-BB-F3-16300-A0110	CONDUIT	12.26	0	12:29	3.9	0.99	1
BC-BB-F3-16300-A0111	CONDUIT	5.82	0	12:01	3.3	0.52	1
BC-BB-F3-16300-A0111-16300-A0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0201	CONDUIT	50.42	0	11:59	6.5	0.87	1
BC-BB-F3-16300-A0202	CONDUIT	41.24	0	11:59	5.83	0.86	1
BC-BB-F3-16300-A0203	CONDUIT	32.86	0	11:59	4.65	0.84	1
BC-BB-F3-16300-A0204	CONDUIT	23.59	0	11:59	3.34	0.78	1
BC-BB-F3-16300-A0205	CONDUIT	15.39	0	11:59	3.14	0.66	1
BC-BB-F3-16300-A0206	CONDUIT	14.19	0	11:59	2.89	0.77	1
BC-BB-F3-16300-A0206-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0207	CONDUIT	8.59	0	11:59	4.86	0.92	1
BC-BB-F3-16300-A0208	CONDUIT	1.87	0	12:01	1.38	0.37	1
BC-BB-F3-16300-A0209	CONDUIT	1.87	0	12:01	1.83	0.37	1
BC-BB-F3-16300-A0209-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301	CONDUIT	9.74	0	11:58	6.06	0.92	1
BC-BB-F3-16300-A0301-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0401	CONDUIT	9.3	0	11:58	6.09	0.84	1
BC-BB-F3-16300-A0401-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0501	CONDUIT	9.68	0	11:58	5.48	1.01	1
BC-BB-F3-16300-A0501-16300-A0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0601	CONDUIT	8.99	0	12:23	5.36	0.95	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A0601-16300-A0701AO	CHANNEL	6.45	0	12:09	0.48	0	0.07
BC-BB-F3-16300-A0701	CONDUIT	10.86	0	12:28	6.15	1.12	1
BC-BB-F3-16300-A0701AO	CHANNEL	5.12	0	12:13	2.63	0	0.06
BC-BB-F3-16300-A0801	CONDUIT	6.98	0	12:01	5.35	0.71	1
BC-BB-F3-16300-A0801-16300-A0701AO	CHANNEL	15.37	0	12:07	0.58	0	0.09
BC-BB-F3-16300-A0901	CONDUIT	13.18	0	12:00	7.46	1.3	1
BC-BB-F3-16300-A0901-16300-A0111AO	CHANNEL	9.24	0	12:06	0.94	0	0.05
BC-BB-F3-16300-A0901-A0801AO	CHANNEL	15.23	0	12:09	1.56	0	0.02
BC-BB-F3-16300-A1001	CONDUIT	11.35	0	12:34	6.42	1.67	1
BC-BB-F3-16300-A1002	CONDUIT	11.03	0	12:34	6.24	1.08	1
BC-BB-F3-16300-A1002-16300-A0111AO	CHANNEL	12.74	0	12:06	1.07	0	0.03
BC-BB-F3-16300-A1101	CONDUIT	10.54	0	11:59	6.21	1.06	1
BC-BB-F3-16300-A1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1201	CONDUIT	8.51	0	11:59	5.12	0.96	1
BC-BB-F3-16300-A1201-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1301	CONDUIT	9.31	0	11:59	6.03	0.87	1
BC-BB-F3-16300-A1301-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1401	CONDUIT	8.21	0	11:59	5.12	0.93	1
BC-BB-F3-16300-A1401-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1501	CONDUIT	1.85	0	11:55	3.12	0.3	1
BC-BB-F3-16300-A1501-16300-A0206AO	CHANNEL	0.7	0	12:08	0.14	0	0.01
BC-BB-F3-16300-A1601	CONDUIT	9.98	0	12:00	5.65	1.3	1
BC-BB-F3-16300-A1601-16271AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1701	CONDUIT	2.98	0	12:35	1.69	0.4	1
BC-BB-F3-16300-A1702	CONDUIT	2.98	0	12:35	2.16	0.39	1
BC-BB-F3-16300-A1702-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0102	CONDUIT	63.41	0	12:04	6.82	0.41	1
BC-BB-F3-16300-B0103	CONDUIT	63.4	0	12:04	7.14	0.43	1
BC-BB-F3-16300-B0104	CONDUIT	63.4	0	12:04	5.44	0.47	1
BC-BB-F3-16300-B0105	CONDUIT	32.7	0	12:04	3.4	0.45	1
BC-BB-F3-16300-B0106	CONDUIT	32.69	0	12:04	6.12	0.43	1
BC-BB-F3-16300-B0107	CONDUIT	32.92	0	11:57	4.81	0.44	1
BC-BB-F3-16300-B0108	CONDUIT	33.44	0	11:58	4.16	0.47	1
BC-BB-F3-16300-B0109	CONDUIT	33.95	0	11:58	4.83	0.54	1
BC-BB-F3-16300-B0110	CONDUIT	27.2	0	11:58	3.87	0.5	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-B0111	CONDUIT	20.76	0	11:58	3.22	0.46	1
BC-BB-F3-16300-B0112	CONDUIT	18.74	0	12:03	3.82	0.65	1
BC-BB-F3-16300-B0201	CONDUIT	36.74	0	12:01	5.84	0.49	1
BC-BB-F3-16300-B0202	CONDUIT	36.74	0	12:01	4.89	0.42	1
BC-BB-F3-16300-B0203	CONDUIT	36.74	0	12:01	4.23	0.22	1
BC-BB-F3-16300-B0204	CONDUIT	32.89	0	12:01	7.58	0.47	1
BC-BB-F3-16300-B0205	CONDUIT	32.89	0	12:01	5.77	0.54	1
BC-BB-F3-16300-B0206	CONDUIT	27.14	0	12:01	4.36	0.52	1
BC-BB-F3-16300-B0207	CONDUIT	21.07	0	12:01	4.53	0.49	1
BC-BB-F3-16300-B0208	CONDUIT	13.95	0	12:01	3.55	0.41	1
BC-BB-F3-16300-B0209	CONDUIT	14.32	0	11:59	5.84	0.57	1
BC-BB-F3-16300-B0210	CONDUIT	7.51	0	12:00	3.09	0.42	1
BC-BB-F3-16300-B0211-A0209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301-16300-B1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-B0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-B0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-B0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0901-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-B1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-B1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-B1501AO	CHANNEL	1.97	0	12:08	0.3	0	0.01
BC-BB-F3-16300-B1501-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501-16300-B0211AO	CHANNEL	1.19	0	12:08	0.18	0	0.02
BC-BB-F3-16302	CONDUIT	389.25	0	11:57	4.96	0.43	1
BC-BB-F3-16304	CONDUIT	392.42	0	11:57	5	0.43	1
BC-BB-F3-16306	CONDUIT	386.61	0	11:57	4.92	0.43	1
BC-BB-F3-16308	CONDUIT	405.85	0	11:56	5.18	0.45	1
BC-BB-F3-16310S	CONDUIT	400.35	0	11:56	5.55	0.44	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16320-0102	CONDUIT	36.78	0	11:56	9.25	0.91	1
BC-BB-F3-16320-0103	CONDUIT	29.46	0	11:54	9.38	1.15	1
BC-BB-F3-16320-0104	CONDUIT	20.6	0	11:54	7.26	0.82	1
BC-BB-F3-16320-0105	CONDUIT	25.8	0	11:57	8.38	0.87	1
BC-BB-F3-16320-0106	CONDUIT	18.05	0	11:57	7.5	0.84	1
BC-BB-F3-16320-0107	CONDUIT	7.41	0	11:57	3.63	0.47	1
BC-BB-F3-16320-0108	CONDUIT	7.95	0	11:54	4.65	0.51	1
BC-BB-F3-16320-0109	CONDUIT	8.03	0	11:54	4.81	0.49	1
BC-BB-F3-16320-0109-16320-0701AO	CHANNEL	8.1	0	12:02	0.69	0	0.04
BC-BB-F3-16320-0201	CONDUIT	10.79	0	12:03	8.69	0.26	1
BC-BB-F3-16320-0201-16300-A0901AO	CHANNEL	8.12	0	12:09	1.23	0	0.02
BC-BB-F3-16320-0301	CONDUIT	13.24	0	12:00	16.25	0.25	1
BC-BB-F3-16320-0301-16320-0201AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16320-0401	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0402	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0403	CONDUIT	3.55	0	11:57	7.3	0.2	1
BC-BB-F3-16320-0404	CONDUIT	2.1	0	11:58	4.76	0.12	1
BC-BB-F3-16320-0404-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0501	CONDUIT	11.38	0	12:01	8.41	0.27	1
BC-BB-F3-16320-0501-16320-0301AO	CHANNEL	14.04	0	12:05	1.51	0	0.02
BC-BB-F3-16320-0601	CONDUIT	12.32	0	12:00	7.96	0.32	1
BC-BB-F3-16320-0601-16320-0501AO	CHANNEL	21.19	0	12:03	1.66	0	0.03
BC-BB-F3-16320-0701	CONDUIT	10.83	0	11:57	7.58	0.46	1
BC-BB-F3-16320-0701-16320-0601AO	CHANNEL	18.19	0	12:03	1.19	0	0.03
BC-BB-F3-16320-0801	CONDUIT	2.19	0	11:58	4.4	0.12	1
BC-BB-F3-16320-0802	CONDUIT	2.12	0	12:00	5.92	0.12	1
BC-BB-F3-16320-0803	CONDUIT	2.08	0	12:01	6.14	0.12	1
BC-BB-F3-16320-0803-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0102	CONDUIT	43.18	0	12:52	5.12	0.23	1
BC-BB-F3-16330-0103	CONDUIT	59.23	0	12:01	7.68	0.3	1
BC-BB-F3-16330-0104	CONDUIT	89.39	0	12:00	9.06	0.62	1
BC-BB-F3-16330-0105	CONDUIT	72.31	0	12:00	6.31	1.62	1
BC-BB-F3-16330-0106	CONDUIT	57.16	0	12:00	4.55	0.98	1
BC-BB-F3-16330-0201	CONDUIT	19.69	0	11:59	9.11	0.47	1
BC-BB-F3-16330-0202	CONDUIT	19.81	0	11:59	6.51	1.69	1
BC-BB-F3-16330-0203	CONDUIT	19.82	0	11:59	6.31	1.05	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16330-0204	CONDUIT	20.32	0	12:00	6.47	1.09	1
BC-BB-F3-16330-0205	CONDUIT	20.31	0	12:00	6.47	1.07	1
BC-BB-F3-16330-0206	CONDUIT	14.42	0	12:51	4.59	0.76	1
BC-BB-F3-16330-0207	CONDUIT	13.45	0	12:51	4.28	0.71	1
BC-BB-F3-16330-0208	CONDUIT	8.27	0	13:09	4.68	0.49	1
BC-BB-F3-16330-0209	CONDUIT	7.83	0	13:11	4.43	0.89	1
BC-BB-F3-16330-0210	CONDUIT	5.14	0	13:11	2.91	0.57	1
BC-BB-F3-16330-0211	CONDUIT	3.99	0	12:16	2.86	0.4	1
BC-BB-F3-16330-0211-16320-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0211-16330-1101AO	CHANNEL	14.92	0	12:04	0.41	0	0.78
BC-BB-F3-16330-0301	CONDUIT	19.72	0	11:59	8.2	0.88	1
BC-BB-F3-16330-0301-16330-0603AO	CHANNEL	14.97	0	12:09	1.24	0	0.06
BC-BB-F3-16330-0601	CONDUIT	6.39	0	12:22	3.62	0.4	1
BC-BB-F3-16330-0602	CONDUIT	6.39	0	12:22	3.62	0.51	1
BC-BB-F3-16330-0602-16330-0701AO	CHANNEL	9.35	0	12:10	0.52	0	0.07
BC-BB-F3-16330-0603	CONDUIT	5.26	0	12:23	2.97	0.77	1
BC-BB-F3-16330-0603-16330-0602AO	CHANNEL	13.46	0	12:09	0.85	0	0.06
BC-BB-F3-16330-0701	CONDUIT	16.97	0	11:59	9.6	1.96	1
BC-BB-F3-16330-0801	CONDUIT	9.92	0	11:56	12.63	0.44	1
BC-BB-F3-16330-0801-16330-0701AO	CHANNEL	7.38	0	12:00	1.18	0	0.06
BC-BB-F3-16330-0801-16330-0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0901	CONDUIT	8.2	0	12:05	7.66	0.76	1
BC-BB-F3-16330-0901-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1001	CONDUIT	1.91	0	12:00	2.43	0.4	1
BC-BB-F3-16330-1001-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1101	CONDUIT	2.7	0	13:10	4.86	0.55	1
BC-BB-F3-16330-1101-16300-A1002AO	CHANNEL	16.84	0	12:04	1	0	0.16
BC-BB-F3-16330-1201	CONDUIT	4.63	0	12:02	4.33	1.05	1
BC-BB-F3-16330-1202	CONDUIT	6.2	0	12:02	7.89	1.31	1
BC-BB-F3-16330-1202-16320-0201AO	CHANNEL	17.22	0	12:04	1.5	0	0.09
BC-BB-F3-16330-1202-16320-0301AO	CHANNEL	20.25	0	12:04	0.74	0	0.1
BC-BB-F3-16330-1401	CONDUIT	0.64	0	11:58	1.29	0.86	1
BC-BB-F3-16330-1402	CONDUIT	1.06	0	11:56	3.14	0.27	1
BC-BB-F3-16330-1402-16320-0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330S	CONDUIT	414.59	0	11:57	5.94	0.06	1
BC-BB-F3-16500-16310AO	CHANNEL	59.87	0	12:11	2.6	0	0.04

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16500S	CONDUIT	434.61	0	11:57	7.56	0.63	1
BC-BB-F3-16503-16320-0109AO	CHANNEL	2.63	0	12:09	0.36	0	0.02
BC-BB-F3-16503S	CONDUIT	29.34	0	12:00	3.13	0.19	1
BC-BB-F3-16507-16503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16507A	CONDUIT	30.99	0	11:58	7.42	0.29	1
BC-BB-F3-16510-16507AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16510A	CONDUIT	37.22	0	12:00	6.4	0.53	1
BC-BB-F3-16550-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16550S	CONDUIT	231.14	0	11:56	5.22	0.34	1
BC-BB-F3-16600S	CONDUIT	291.76	0	11:57	8.83	0.57	1
BC-BB-F3-16605S	CONDUIT	148.96	0	12:30	3.73	0.3	1
BC-BB-F3-16609S	CONDUIT	127.97	0	12:33	4.72	0.26	1
BC-BB-F3-16612S	CONDUIT	127.93	0	12:33	4.88	0.26	1
BC-BB-F3-16615-16510AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16618S	CONDUIT	136.58	0	11:59	7.18	0.38	1
BC-BB-F3-16621S	CONDUIT	56.99	0	12:03	4.54	0.3	1
BC-BB-F3-16624S	CONDUIT	56.99	0	12:03	5.57	0.24	1
BC-BB-F3-16627S	CONDUIT	34.97	0	12:02	4.33	0.91	1
BC-BB-F3-16630S	CONDUIT	13.73	0	12:00	4.66	0.57	1
BC-BB-F3-16640A	CONDUIT	55.76	0	12:00	9	0.39	1
BC-BB-F3-16645A	CONDUIT	58.3	0	12:00	8.96	0.59	1
BC-BB-F3-16650A	CONDUIT	59.6	0	12:00	8.92	0.91	1
BC-BB-F3-16665-16550AO	CHANNEL	3.59	0	12:07	0.88	0	0.01
BC-BB-F3-16665S	CONDUIT	62.1	0	11:58	8.87	0.86	1
BC-BB-F3-16670-16665AO	CHANNEL	15.46	0	12:05	1.56	0	0.02
BC-BB-F3-16670S	CONDUIT	69.38	0	12:00	9.84	1.73	1
BC-BB-F3-16690S	CONDUIT	56.14	0	11:59	8.19	1.19	1
BC-BB-F3-16690-T-A-13960AO	CHANNEL	28.68	0	12:00	2.06	0.01	0.05
BC-BB-F3-16695S	CONDUIT	144.72	0	12:00	9.35	1.37	1
BC-BB-F3-16700S	CONDUIT	145.48	0	12:00	15.12	2.71	1
BC-BB-F3-16780-16695AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16780A	CONDUIT	57.31	0	12:00	6.91	0.78	1
BC-BB-F3-16790-16670AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790-19050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790A	CONDUIT	66.45	0	12:00	9.4	1.12	1
BC-BB-F3-16790-T-A-16780AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16995-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995S	CONDUIT	509.78	0	12:25	7.58	0.53	1
BC-BB-F3-17000_S	CONDUIT	236.37	0	12:00	25.48	0.84	1
BC-BB-F3-17000-16995AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050-17000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050S	CONDUIT	67.73	0	11:55	7.29	1.01	1
BC-BB-F3-17110-0116	CONDUIT	32.28	0	12:00	6.22	0.38	1
BC-BB-F3-17110-0117	CONDUIT	26.04	0	12:00	3.87	0.54	1
BC-BB-F3-17110-0118	CONDUIT	21.52	0	13:18	3.06	0.51	1
BC-BB-F3-17110-0119	CONDUIT	20.29	0	13:18	2.89	0.57	1
BC-BB-F3-17110-0120	CONDUIT	20.14	0	13:18	4.1	0.78	1
BC-BB-F3-17110-0121	CONDUIT	13.98	0	11:59	2.85	0.53	1
BC-BB-F3-17110-0122	CONDUIT	10.33	0	11:58	2.2	0.41	1
BC-BB-F3-17110-0123	CONDUIT	10.33	0	11:58	3.16	0.51	1
BC-BB-F3-17110-0124	CONDUIT	10.33	0	11:58	2.93	0.53	1
BC-BB-F3-17110-0125	CONDUIT	6.86	0	11:58	2.05	0.32	1
BC-BB-F3-17110-0126	CONDUIT	6.82	0	11:58	3.16	0.48	1
BC-BB-F3-17110-0127	CONDUIT	3.74	0	11:58	1.81	0.25	1
BC-BB-F3-17110-0128	CONDUIT	3.95	0	11:54	3.87	0.2	1
BC-BB-F3-17110-0129	CONDUIT	4.1	0	11:54	4.16	0.62	1
BC-BB-F3-17110-1101	CONDUIT	6.08	0	12:00	3.44	0.92	1
BC-BB-F3-17110-1101-17110-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1103	CONDUIT	5.31	0	12:01	3	0.8	1
BC-BB-F3-17110-1105	CONDUIT	2.76	0	11:59	2.16	0.4	1
BC-BB-F3-17110-1105-17110-1103AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1201	CONDUIT	6.54	0	12:01	3.7	0.98	1
BC-BB-F3-17110-1201-17110-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301	CONDUIT	8.3	0	12:01	4.7	1.25	1
BC-BB-F3-17110-1301-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401	CONDUIT	7.52	0	12:00	4.26	1.13	1
BC-BB-F3-17110-1401-17110-1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501	CONDUIT	12.77	0	13:18	7.23	1.92	1
BC-BB-F3-17110-1501-17110-1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1503	CONDUIT	11.66	0	13:19	6.6	1.76	1
BC-BB-F3-17110-1503-17110-1401AO	CHANNEL	2.09	0	12:05	0.31	0	0.02
BC-BB-F3-17110-1505	CONDUIT	4.22	0	13:21	3.41	0.57	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17110-1505-17110-1503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601	CONDUIT	5.05	0	12:01	2.86	0.76	1
BC-BB-F3-17110-1601-17110-1701AO	CHANNEL	2.09	0	12:11	0.31	0	0.02
BC-BB-F3-17110-1701	CONDUIT	4.87	0	11:59	2.76	0.74	1
BC-BB-F3-17110-1701-17110-1801AO	CHANNEL	2.59	0	12:11	0.32	0	0.02
BC-BB-F3-17110-1801	CONDUIT	3.83	0	12:29	2.75	0.58	1
BC-BB-F3-17110-1801-17110-0129AO	CHANNEL	2.22	0	12:05	0.25	0	0.04
BC-BB-F3-17300-0101	CONDUIT	205.17	0	12:03	7.03	0.34	1
BC-BB-F3-17300-0102	CONDUIT	202.29	0	12:01	8.41	0.32	1
BC-BB-F3-17300-0104	CONDUIT	205.78	0	12:01	8.65	0.34	1
BC-BB-F3-17300-0105	CONDUIT	206.27	0	12:01	7.09	0.34	1
BC-BB-F3-17300-0106	CONDUIT	87.8	0	12:02	5.81	0.23	1
BC-BB-F3-17300-0107	CONDUIT	87.98	0	12:02	4.83	0.39	1
BC-BB-F3-17300-0108	CONDUIT	88.32	0	12:02	4.08	0.4	1
BC-BB-F3-17300-0109	CONDUIT	88.78	0	12:02	4.18	0.4	1
BC-BB-F3-17300-0110	CONDUIT	89.07	0	12:01	5.52	0.49	1
BC-BB-F3-17300-0111	CONDUIT	89.18	0	12:01	4.74	0.47	1
BC-BB-F3-17300-0112	CONDUIT	89.3	0	12:01	4.59	0.48	1
BC-BB-F3-17300-0113	CONDUIT	89.42	0	12:01	4.56	0.5	1
BC-BB-F3-17300-0114	CONDUIT	89.42	0	12:01	4.55	0.49	1
BC-BB-F3-17300-0115	CONDUIT	89.44	0	12:01	4.55	0.5	1
BC-BB-F3-17300-0116	CONDUIT	28.15	0	12:00	1.43	0.15	1
BC-BB-F3-17300-0301	CONDUIT	72.61	0	12:01	4.93	0.55	1
BC-BB-F3-17300-0302	CONDUIT	72.62	0	12:01	5.12	1.23	1
BC-BB-F3-17300-0303	CONDUIT	72.62	0	12:01	5.12	1.24	1
BC-BB-F3-17300-0304	CONDUIT	72.64	0	12:01	5.12	0.12	1
BC-BB-F3-17300-0305	CONDUIT	47.66	0	12:02	7.74	0.37	1
BC-BB-F3-17300-0306	CONDUIT	47.66	0	12:02	5.06	1.33	1
BC-BB-F3-17300-0307	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0308	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0309	CONDUIT	47.67	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0401	CONDUIT	52.69	0	12:03	6.7	0.53	1
BC-BB-F3-17300-0402	CONDUIT	52.31	0	12:03	6.63	0.53	1
BC-BB-F3-17300-0403	CONDUIT	49.9	0	12:03	7.95	0.51	1
BC-BB-F3-17300-0901	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0902	CONDUIT	62.19	0	12:01	4.95	0.6	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17300-0903	CONDUIT	62.19	0	12:01	4.95	0.59	1
BC-BB-F3-17300-0904	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0905	CONDUIT	62.17	0	12:01	8.8	1.3	1
BC-BB-F3-17300-0906	CONDUIT	62.17	0	12:01	8.8	1.31	1
BC-BB-F3-17300-0907	CONDUIT	45.1	0	12:02	6.38	0.94	1
BC-BB-F3-17300-0908	CONDUIT	45.1	0	12:02	6.38	0.95	1
BC-BB-F3-17300-1401	CONDUIT	4.76	0	12:03	2.91	0.03	1
BC-BB-F3-17300-1901	CONDUIT	11.92	0	12:03	3	0.57	1
BC-BB-F3-17300-1902	CONDUIT	9.71	0	12:03	2.44	0.57	1
BC-BB-F3-17300-3201	CONDUIT	8.17	0	12:03	4.62	0.39	1
BC-BB-F3-17300-3202	CONDUIT	8.19	0	12:03	4.64	0.39	1
BC-BB-F3-17300-3203	CONDUIT	4.13	0	12:00	2.34	0.19	1
BC-BB-F3-17300-3204	CONDUIT	4.12	0	12:00	2.57	0.2	1
BC-BB-F3-17300-3205	CONDUIT	3.67	0	12:00	4.42	0.17	1
BC-BB-F3-17900S	CONDUIT	419.35	0	13:12	6.72	0.47	1
BC-BB-F3-17905S	CONDUIT	436.15	0	12:09	8.44	0.5	1
BC-BB-F3-179073-16105AO	CHANNEL	25.99	0	12:05	1.91	0	0.03
BC-BB-F3-17907A	CONDUIT	25.96	0	11:59	5.29	0.89	1
BC-BB-F3-17910S	CONDUIT	473.74	0	12:01	7.77	0.54	1
BC-BB-F3-18000-17050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18000S	CONDUIT	72.76	0	11:55	10.32	2	1
BC-BB-F3-18100-0101	CONDUIT	54.49	0	12:03	5.12	0.09	1
BC-BB-F3-18100-0102	CONDUIT	54.47	0	12:03	5.15	0.09	1
BC-BB-F3-18100-0104	CONDUIT	59.69	0	12:03	9.01	0.1	1
BC-BB-F3-18100-0105	CONDUIT	80.39	0	12:03	4.15	0.56	1
BC-BB-F3-18100-0106	CONDUIT	78.81	0	12:03	4.03	0.55	1
BC-BB-F3-18100-0107	CONDUIT	75.45	0	12:03	5.07	0.7	1
BC-BB-F3-18100-0108	CONDUIT	72.1	0	12:04	4.65	0.67	1
BC-BB-F3-18100-0109	CONDUIT	63.15	0	12:04	5.07	0.68	1
BC-BB-F3-18100-0110	CONDUIT	62.66	0	12:04	5.18	0.68	1
BC-BB-F3-18100-0111	CONDUIT	58.65	0	12:05	5.05	0.63	1
BC-BB-F3-18100-0112	CONDUIT	57.11	0	12:05	5.94	0.83	1
BC-BB-F3-18100-0113	CONDUIT	57.16	0	12:05	7.24	0.84	1
BC-BB-F3-18100-0114	CONDUIT	57.99	0	12:05	6.19	0.85	1
BC-BB-F3-18100-0115	CONDUIT	52.47	0	12:05	6.33	0.77	1
BC-BB-F3-18100-0116	CONDUIT	52.56	0	12:05	5.93	0.77	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18100-0117	CONDUIT	36.83	0	12:05	6	0.54	1
BC-BB-F3-18100-0118	CONDUIT	29.82	0	12:06	7.5	2.05	1
BC-BB-F3-18100-0301	CONDUIT	54.51	0	12:01	9.29	0.2	1
BC-BB-F3-18100-0302	CONDUIT	54.56	0	12:01	6.09	0.2	1
BC-BB-F3-18100-0303	CONDUIT	54.64	0	12:01	4.99	0.42	1
BC-BB-F3-18100-0304	CONDUIT	54.7	0	12:01	4.37	0.42	1
BC-BB-F3-18100-0305	CONDUIT	54.77	0	12:01	4.06	0.42	1
BC-BB-F3-18100-0306	CONDUIT	54.9	0	12:01	3.97	0.42	1
BC-BB-F3-18100-0307	CONDUIT	54.99	0	12:01	3.92	0.4	1
BC-BB-F3-18100-0308	CONDUIT	52.51	0	12:01	6.17	0.73	1
BC-BB-F3-18100-0309	CONDUIT	52.54	0	12:01	5.48	0.73	1
BC-BB-F3-18100-0310	CONDUIT	52.54	0	12:01	5.46	0.73	1
BC-BB-F3-18100-0311	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0312	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0313	CONDUIT	52.55	0	12:01	7.43	1.1	1
BC-BB-F3-18100-0314	CONDUIT	52.55	0	12:01	7.43	1.11	1
BC-BB-F3-18100-0315	CONDUIT	25.98	0	12:01	3.68	0.55	1
BC-BB-F3-18100-0316	CONDUIT	26.06	0	12:00	3.69	0.5	1
BC-BB-F3-18100-0317	CONDUIT	25.98	0	12:01	3.67	0.55	1
BC-BB-F3-18100-1401	CONDUIT	11.59	0	12:03	3.7	0.37	1
BC-BB-F3-18100-1402	CONDUIT	7.66	0	12:09	4.89	0.24	1
BC-BB-F3-18100-1403	CONDUIT	7.66	0	12:09	5.16	0.24	1
BC-BB-F3-18100-1404	CONDUIT	7.66	0	12:09	4.64	0.24	1
BC-BB-F3-18100-1405	CONDUIT	7.66	0	12:09	4.66	0.24	1
BC-BB-F3-18100-1406	CONDUIT	9.23	0	12:09	3.04	0.29	1
BC-BB-F3-18100-1407	CONDUIT	9.23	0	12:09	4.58	0.29	1
BC-BB-F3-18100-1408	CONDUIT	7.02	0	12:10	4.7	0.32	1
BC-BB-F3-18100-1409	CONDUIT	7.74	0	12:10	4.9	0.35	1
BC-BB-F3-18100-1410	CONDUIT	5.86	0	12:10	3.99	0.27	1
BC-BB-F3-18100-1411	CONDUIT	1.97	0	12:11	1.62	0.09	0.82
BC-BB-F3-18100-1601	CONDUIT	30.71	0	11:53	17.38	4.15	1
BC-BB-F3-18890S	CONDUIT	589.84	0	12:02	8.39	0.67	1
BC-BB-F3-18891	CONDUIT	431.5	0	12:02	5.78	0.49	1
BC-BB-F3-18892	CONDUIT	31.18	0	12:07	17.64	1.19	1
BC-BB-F3-18894	CONDUIT	411.45	0	12:02	5.35	0.47	1
BC-BB-F3-18895	CONDUIT	4.1	0	12:07	2.63	0.1	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18897	CONDUIT	426.18	0	12:02	5.53	0.49	1
BC-BB-F3-18898	CONDUIT	2	0	12:09	1.59	0.04	1
BC-BB-F3-18900	CONDUIT	437.19	0	12:02	5.61	0.5	1
BC-BB-F3-18902	CONDUIT	427.67	0	12:02	5.46	0.49	1
BC-BB-F3-18903	CONDUIT	3.67	0	12:08	2.74	0.08	1
BC-BB-F3-18905	CONDUIT	422.98	0	12:02	5.39	0.48	1
BC-BB-F3-18906	CONDUIT	35.63	0	12:05	21.34	0.82	1
BC-BB-F3-18908	CONDUIT	387.15	0	12:02	4.93	0.44	1
BC-BB-F3-18909	CONDUIT	6.16	0	12:04	3.66	0.2	1
BC-BB-F3-18912	CONDUIT	6.84	0	12:04	3.98	0.3	1
BC-BB-F3-18914	CONDUIT	349.26	0	12:01	4.45	0.4	1
BC-BB-F3-18915	CONDUIT	5.94	0	12:08	3.36	0.39	1
BC-BB-F3-18946	CONDUIT	355.68	0	12:01	4.53	0.41	1
BC-BB-F3-18948	CONDUIT	373.25	0	12:01	5.06	0.43	1
BC-BB-F3-18950S	CONDUIT	332.14	0	12:01	5.26	0.38	1
BC-BB-F3-19000A	CONDUIT	127.6	0	12:00	13.62	0.17	1
BC-BB-F3-19050S	CONDUIT	304.3	0	12:02	5.6	0.31	1
BC-BB-F3-19060S	CONDUIT	355.3	0	12:04	9.95	0.93	1
BC-BB-F3-19080S	CONDUIT	325.11	0	12:01	8.59	0.85	1
BC-BB-F3-19095S	CONDUIT	154.78	0	12:01	5.06	0.4	0.93
BC-BB-F3-19100S	CONDUIT	173.81	0	12:00	7.98	0.57	0.93
BC-BB-F3-19110S	CONDUIT	51	0	12:00	4.64	0.47	0.95
BC-BB-F3-19112S	CONDUIT	25.12	0	12:00	5.32	0.69	0.76
BC-BB-F3-19120S	CONDUIT	19.19	0	12:00	5.53	0.31	0.72
BC-BB-F3-19150S	CONDUIT	79.19	0	12:01	4.03	0.69	1
BC-BB-F3-19200S	CONDUIT	78.88	0	12:01	4.96	0.89	1
BC-BB-F3-19250S	CONDUIT	21.57	0	12:07	1.88	0.29	1
BC-BB-F3-19300S	CONDUIT	19.77	0	12:00	2.84	0.44	1
BC-BB-F3-20000S	CONDUIT	200.33	0	12:00	6.18	0.63	1
BC-BB-F3-20010S	CONDUIT	36.6	0	12:06	2.33	0.42	1
BC-BB-F3-20020S	CONDUIT	36.6	0	12:06	2.58	0.48	1
BC-BB-F3-20030S	CONDUIT	65.55	0	12:00	3.73	0.35	1
BC-BB-F3-20100S	CONDUIT	41.33	0	11:59	4.3	0.96	1
BC-BB-F3-20200S	CONDUIT	9.62	0	12:00	2.11	0.21	1
BC-BB-F3-21000S	CONDUIT	68.18	0	11:59	6.38	0.63	1
BC-BB-F3-21050S	CONDUIT	28.48	0	12:06	2.97	0.36	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-21075S	CONDUIT	29.48	0	11:58	4.73	0.53	1
BC-BB-F3-21100S	CONDUIT	36.48	0	12:00	6.13	1	1
PP-53	CONDUIT	13.85	0	11:57	5.35	0.27	1
PP-52	CONDUIT	16.09	0	12:14	4.32	0.21	1
PP-51	CONDUIT	16.13	0	12:14	4.74	0.21	1
PP-50	CONDUIT	30.91	0	12:10	3.86	0.28	1
PP-49	CONDUIT	42.95	0	12:10	4.4	0.39	1
PP-48	CONDUIT	42.95	0	12:10	4.62	0.4	1
PP-47	CONDUIT	53.5	0	12:10	4.26	0.48	1
C18	CONDUIT	7.66	0	12:09	4.13	0.2	1
EP-56	CONDUIT	205.14	0	12:02	6.48	0.43	1
C54	CONDUIT	0	0	0:00	0	0	0.5
C55	CONDUIT	8.14	0	12:03	2.82	0.26	1
C57	CONDUIT	2.08	0	12:04	1.69	0.05	1
C58	CONDUIT	18.67	0	12:06	5.94	1.26	1
C60	CONDUIT	8.14	0	12:03	2.59	0.21	1
C61	CONDUIT	7.75	0	12:54	2.47	0.48	1
C62	CONDUIT	4.11	0	12:54	1.13	0.17	1
C9100	CONDUIT	0	0	0:00	0	0	0.5
C9110	CHANNEL	0	0	0:00	0	0	0
C9120	CHANNEL	0	0	0:00	0	0	0
C9130	CHANNEL	0	0	0:00	0	0	0.08
C9200	CONDUIT	52.07	0	12:03	0.17	0	0.5
C9220	CHANNEL	0	0	0:00	0	0	0
C9230	CHANNEL	0	0	0:00	0	0	0.03
C9300	CONDUIT	0	0	0:00	0	0	0.5
C9400	CONDUIT	0	0	0:00	0	0	0.5
C9600	CONDUIT	1143.63	0	12:33	3.22	0.01	0.93
C9700	CONDUIT	7.32	0	12:03	0.03	0	0.73
DS-PJ23	CONDUIT	389.32	0	12:01	4.96	0.36	1
EP-20	CONDUIT	68.01	0	11:59	8.35	0.49	1
BC-BB-F3-17110-0102	CONDUIT	59.23	0	11:58	8.96	0.43	1
PP-72	CONDUIT	4.54	0	12:06	3.32	0.46	1
Pipe - (125)	CONDUIT	19.97	0	12:00	11.3	1.55	1
Pipe - (126)	CONDUIT	5.94	0	12:00	6.21	0.46	1
Pipe - (127)	CONDUIT	4.14	0	12:01	5	0.32	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
Pipe - (128)	CONDUIT	3.2	0	12:01	5.09	0.25	1
Pipe - (129)	CONDUIT	7.04	0	12:00	6.73	0.55	1
Pipe - (130)	CONDUIT	11.1	0	12:22	6.76	0.87	1
Pipe - (186)	CONDUIT	18.37	0	12:00	10.4	1.43	1
Pipe - (34)	CONDUIT	11.97	0	12:00	7.26	0.93	1
Pipe - (35)	CONDUIT	11.59	0	12:00	7.07	0.9	1
PP-05	CONDUIT	7.51	0	12:00	8.03	0.11	1
PP-06	CONDUIT	8.68	0	12:00	16.9	0.17	1
PP-07	CONDUIT	8.38	0	12:00	15.67	0.18	1
PP-08	CONDUIT	8.45	0	12:00	16.92	0.16	1
PP-09	CONDUIT	7.9	0	12:01	16.53	0.15	1
PP-1	CONDUIT	2.66	0	12:00	3.69	0.25	0.45
PP-10	CONDUIT	4.54	0	12:00	4.68	0.44	1
PP-11	CONDUIT	8.65	0	12:01	16.38	0.18	1
PP-12	CONDUIT	8.44	0	12:01	16.55	0.17	1
PP-13	CONDUIT	4.25	0	12:01	14.28	0.09	1
PP-14	CONDUIT	7.78	0	12:01	5.97	0.12	0.55
PP-15	CONDUIT	11.88	0	12:00	6.11	0.54	0.59
PP-1Sky	CONDUIT	2.59	0	12:01	3.05	0.12	1
PP-2	CONDUIT	5.14	0	12:00	5.02	0.47	0.56
PP-20	CONDUIT	19.18	0	13:09	5.77	0.57	1
PP-21	CONDUIT	27.68	0	11:57	5.92	0.47	1
BC-BB-F3-17110-0115	CONDUIT	28.52	0	12:00	3.44	0.55	1
PP-24	CONDUIT	3.37	0	12:02	1.66	0.14	1
PP-25	CONDUIT	14.31	0	13:12	2.91	0.49	1
PP-26	CONDUIT	12.24	0	13:10	3.9	0.76	1
PP-27	CONDUIT	13.92	0	13:12	7.88	1.26	1
PP-28	CONDUIT	9.76	0	13:09	5.14	0.5	1
PP-29	CONDUIT	10.21	0	11:57	4.66	0.57	1
PP-3	CONDUIT	5.73	0	12:00	3.58	0.53	0.85
PP-30	CONDUIT	4.93	0	11:57	3.99	0.59	1
PP-31	CONDUIT	3.37	0	12:02	3.67	0.41	1
PP-32	CONDUIT	2.98	0	12:02	3.48	0.37	1
PP-33	CONDUIT	4.99	0	12:01	3.95	0.63	1
PP-34	CONDUIT	5.26	0	12:01	3.99	0.66	1
PP-35	CONDUIT	4.49	0	12:02	3.94	0.54	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-36	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-37	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-38	CONDUIT	45.43	0	13:07	6.43	0.66	1
PP-39	CONDUIT	86.76	0	13:01	6.9	0.73	1
PP-3Sky	CONDUIT	1.98	0	12:13	1.49	0.15	0.99
PP-4	CONDUIT	6.16	0	12:00	3.82	0.59	0.86
PP-40	CONDUIT	43.37	0	13:06	13.81	1.81	1
PP-41	CONDUIT	54.55	0	12:59	11.11	1.31	1
PP-42	CONDUIT	11.3	0	11:58	4.35	0.49	1
PP-45	CONDUIT	7.39	0	12:06	3.62	0.44	1
PP-4Sky	CONDUIT	3.56	0	12:10	2.01	0.23	1
PP-57	CONDUIT	20.31	0	12:03	5.63	0.7	1
SD1-1	CONDUIT	10.28	0	11:59	4.09	0.35	1
SD1-2	CONDUIT	32.83	0	12:00	5.05	0.38	1
SD1-3	CONDUIT	42.19	0	12:00	5.97	0.49	1
SD1-4	CONDUIT	57.01	0	12:00	8.06	0.7	1
SD1-T1	CONDUIT	14.39	0	12:00	4.58	0.15	1
SD1-T2	CONDUIT	8.91	0	12:00	3.62	0.44	1
SD1-T3	CONDUIT	22.67	0	12:00	7.22	1	1
SD2-1	CONDUIT	2.9	0	12:00	0.92	0.15	1
SD2-2	CONDUIT	8.63	0	13:04	1.76	0.36	1
SD2-3	CONDUIT	15.35	0	13:04	2.17	0.4	1
SD2-4	CONDUIT	19.48	0	13:03	2.76	0.54	1
SD2-5	CONDUIT	21.25	0	13:03	3.01	0.58	1
SD2-6	CONDUIT	35.43	0	12:22	5.01	0.97	1
SD2-7	CONDUIT	30.77	0	12:39	4.35	0.82	1
SD2-T1	CONDUIT	7.8	0	12:00	2.48	0.22	1
SD2-T2	CONDUIT	7.55	0	12:00	3.34	0.14	1
SD2-T3	CONDUIT	7.95	0	12:00	3.23	0.2	1
SD3-1	CONDUIT	3.23	0	11:50	2.5	0.16	1
SD3-2	CONDUIT	6.85	0	12:03	2.18	0.34	1
SD3-3	CONDUIT	5.48	0	11:49	2.59	0.14	1
SD3-4	CONDUIT	13.55	0	11:59	2.76	0.36	1
SD3-5	CONDUIT	26.15	0	11:59	5.33	0.7	1
SD3-T1	CONDUIT	5.35	0	12:00	3.05	0.27	1
SD3-T2	CONDUIT	8.73	0	12:00	7.96	0.1	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
SD3-T3	CONDUIT	12.88	0	12:00	4.1	0.64	1
SD6-1	CONDUIT	3.4	0	11:57	3.18	0.72	1
SD6-10	CONDUIT	82.89	0	12:04	11.73	2.15	1
SD6-11	CONDUIT	82.89	0	12:04	11.73	0.9	1
SD6-12	CONDUIT	105.51	0	12:09	14.93	1.16	1
SD6-2	CONDUIT	6.82	0	11:57	3.78	0.56	1
SD6-3	CONDUIT	11.17	0	11:57	3.64	0.57	1
SD6-4	CONDUIT	17.36	0	11:55	3.54	0.49	1
SD6-5	CONDUIT	23.9	0	11:55	4.87	0.67	1
SD6-6	CONDUIT	40.42	0	12:35	8.23	1.13	1
SD6-7	CONDUIT	42.87	0	12:33	8.73	1.2	1
SD6-8	CONDUIT	47.94	0	12:31	6.78	0.82	1
SD6-9	CONDUIT	53.47	0	11:58	7.56	0.92	1
SD6-T1	CONDUIT	5.89	0	11:54	7.5	0.74	1
SD6-T2	CONDUIT	5.9	0	11:55	8.6	0.59	1
SD6-T3	CONDUIT	6.49	0	11:55	8.83	0.48	1
SD6-T4	CONDUIT	6.83	0	11:56	8.7	0.44	1
SD6-T5	CONDUIT	7.45	0	11:56	9.48	0.46	1
SD6-T6	CONDUIT	7.9	0	11:57	10.06	0.51	1
SD6-T7	CONDUIT	9.63	0	11:58	12.26	0.51	1
SD6-T8	CONDUIT	10.37	0	11:59	13.2	0.51	1
SD6-T9	CONDUIT	7.86	0	11:59	10.01	0.69	1
ST501	CONDUIT	54.56	0	12:01	8.15	1.51	1
ST502	CONDUIT	54.56	0	12:01	7.72	1.5	1
ST601	CONDUIT	19.56	0	12:00	2.77	0.46	1
ST602	CONDUIT	40.87	0	12:01	5.78	1.12	1
ST603	CONDUIT	29.78	0	12:01	4.21	0.81	1
ST604	CONDUIT	18.66	0	12:00	2.64	0.51	1
ST701	CONDUIT	18.74	0	12:03	3.83	0.51	1
ST702	CONDUIT	14.07	0	12:04	2.58	0.38	1
ST703	CONDUIT	10.24	0	12:04	2.75	0.22	1
ST704	CONDUIT	8.01	0	12:04	3.32	0.17	1
US-PJ23	CONDUIT	353.37	0	12:01	4.51	1.04	1
Ov_SD6-2	CHANNEL	9.64	0	12:13	0.2	0	0.12
Ov_SD6-1	CHANNEL	5.1	0	11:57	0.49	0	0.12
Ov_SD6-3	CHANNEL	17.49	0	12:10	0.36	0	0.12

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
Ov_SD6-4	CHANNEL	26.72	0	12:06	0.54	0	0.12
Ov_SD6-5	CHANNEL	36.65	0	12:05	0.74	0	0.12
Ov_SD6-6	CHANNEL	47.54	0	12:05	1	0	0.12
Ov_SD6-7	CHANNEL	56.51	0	12:05	1.15	0	0.12
Ov_SD6-8	CHANNEL	63.5	0	12:05	1.35	0	0.12
Ov_SD6-9	CHANNEL	69.22	0	12:05	1.66	0.01	0.12
Ov_SD6-T9	CHANNEL	69.68	0	12:06	2.4	0.01	0.11
Ov_SD2-2	CHANNEL	30.7	0	12:04	0.39	0	0.96
Ov_SD2-3	CHANNEL	41.43	0	12:03	0.65	0	0.96
Ov_SD2-4	CHANNEL	44.56	0	12:06	0.63	0	0.96
Ov_SD2-5	CHANNEL	54.22	0	12:09	1.19	0	0.96
Ov_Pipe - (126)	CHANNEL	0	0	0:00	0	0	0
Ov_C58	CHANNEL	0	0	0:00	0	0	0
OV_BC-BB-F3-18100-0116	CHANNEL	0	0	0:00	0	0	0
PP-100	CONDUIT	10.71	0	12:00	6.06	0.68	1
PP-85	CONDUIT	6.41	0	12:00	3.63	0.45	1
PP-84	CONDUIT	12.37	0	12:00	7	0.79	1
PP-83	CONDUIT	18.78	0	12:00	5.98	1.33	1
PP-46	CONDUIT	5.07	0	12:06	3.38	0.29	1
PP-65	CONDUIT	1.63	0	12:05	5.01	0.1	0.24
BC-BB-F3-17110-0114	CONDUIT	50.44	0	11:58	6.08	0.97	1
BC-BB-F3-17110-0113	CONDUIT	50.44	0	11:58	6.08	0.97	1
Link_PJ-25South	CONDUIT	65.12	0	11:58	7.85	1.22	1
BC-BB-F3-17110-0112	CONDUIT	65.12	0	11:58	7.85	1.27	1
BC-BB-F3-17110-0111	CONDUIT	65.11	0	11:58	7.85	1.24	1
BC-BB-F3-17110-0110	CONDUIT	65.12	0	11:58	7.88	0.86	1
BC-BB-F3-17110-0108	CONDUIT	64.62	0	11:58	7.09	0.72	1
BC-BB-F3-17110-0106	CONDUIT	61.37	0	11:58	7.93	0.53	1
BC-BB-F3-17110-0105	CONDUIT	61.66	0	11:58	10.03	0.46	1
BC-BB-F3-17110-0107	CONDUIT	62.95	0	11:58	7.39	0.55	1
C184	CONDUIT	19.37	0	13:12	2.74	0.56	1
Ov_PP-42	CHANNEL	0	0	0:00	0	0	0
PT-Line2	CONDUIT	10.09	0	11:59	5.71	1.85	1
P2-L1	CONDUIT	10.93	0	12:07	13.91	1.3	1
P2-3	CONDUIT	10.93	0	12:07	13.91	5.23	1
PT-Line3	CONDUIT	17.84	0	12:31	10.1	3.28	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17110-0103	CONDUIT	68.01	0	11:59	10.93	0.17	1
BC-BB-F3-17110-0104	CONDUIT	68.03	0	11:58	7.94	0.17	1
Ov_SD3-1	CHANNEL	3.42	0	12:03	0.19	0	0.33
LinePT-6_2	CONDUIT	25.65	0	12:08	8.16	0.2	1
LinePT-S	CONDUIT	6.51	0	10:49	11.94	2.79	1
RS_FF-205	CONDUIT	11.19	0	11:54	6.51	1.05	1
DuromaxxPipe	CONDUIT	11.05	0	11:54	1.06	0.02	1
RS_FF202	CONDUIT	6.93	0	11:55	3.92	0.7	1
RS_FF201	CONDUIT	6.93	0	11:55	3.92	0.86	1
PT-Line1	CONDUIT	13.68	0	11:41	7.74	2.41	1
Ov_SD6-12	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line1	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line2	CHANNEL	0	0	0:00	0	0	0
LinePT-6_1	CONDUIT	25.66	0	12:08	6.07	0.42	1
Ov_SD2-7	CHANNEL	35.07	0	12:22	1.54	0	0.21
Ov_LinePT-S	CHANNEL	23.09	0	12:06	1.53	0	1
LinePT-3_2	CONDUIT	46.16	0	12:05	6.53	0.97	1
D3-M1	CONDUIT	108.33	0	12:00	15.33	1.52	1
D3-M2	CONDUIT	75.39	0	12:00	15.56	0.3	1
D3-M3	CONDUIT	75.39	0	12:00	10.67	0.43	1
LinePT-3_1	CONDUIT	46.16	0	12:05	6.53	0.3	1
C14	CONDUIT	15.34	0	12:04	6.05	0.45	1
PP-106	CONDUIT	7.56	0	12:01	4.16	0.16	1
PP-105	CONDUIT	5.94	0	12:05	2.98	0.13	1
PP-92	CONDUIT	26.41	0	12:00	5.54	0.17	0.64
Ov_PP-106	CHANNEL	0	0	0:00	0	0	0
Ov_PP-52	CHANNEL	0	0	0:00	0	0	0
Ov_PP-53	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-12090S	CONDUIT	1075.72	0	12:44	13.7	0.62	1
BC-BB-F3-16000S	CONDUIT	1075.72	0	12:44	16.37	0.52	1
BC-BB-F3-16002S	CONDUIT	551.28	0	12:43	7.02	0.35	1
BC-BB-F3-16003-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16003S	CONDUIT	669.33	0	12:01	9.01	0.74	1
BC-BB-F3-16007-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16007A	CONDUIT	142.26	0	11:59	11.46	0.77	1
BC-BB-F3-16010-16007AO	CHANNEL	61.18	0	12:36	2.76	0.02	0.13

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16010A	CONDUIT	140.38	0	11:59	14.6	1.37	1
BC-BB-F3-16050A	CONDUIT	684.21	0	11:59	9.23	0.66	1
BC-BB-F3-16100	CONDUIT	65.14	0	11:59	14	0.82	1
BC-BB-F3-16105	CONDUIT	34.18	0	11:59	10.9	1.48	1
BC-BB-F3-16105-16195AO	CHANNEL	34.72	0	12:07	2.24	0.01	0.06
BC-BB-F3-16120	CONDUIT	38.71	0	12:02	8.38	0.94	1
BC-BB-F3-16125	CONDUIT	18.08	0	12:00	10.67	0.18	1
BC-BB-F3-16125-17907AO	CHANNEL	9.5	0	12:05	1.26	0	0.03
BC-BB-F3-16130	CONDUIT	22.98	0	12:05	8.35	0.84	1
BC-BB-F3-16135	CONDUIT	20.24	0	12:03	8.46	0.2	1
BC-BB-F3-16135-16125AO	CHANNEL	3.12	0	12:05	0.78	0	0.02
BC-BB-F3-16140	CONDUIT	5.28	0	12:04	2.65	0.19	0.97
BC-BB-F3-16145	CONDUIT	5.9	0	12:04	7.8	0.07	0.55
BC-BB-F3-16145-16135AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16190S	CONDUIT	646.2	0	11:59	8.29	0.3	1
BC-BB-F3-16193	CONDUIT	52.82	0	12:02	16.81	17.32	1
BC-BB-F3-16193-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16195-16193AO	CHANNEL	58.24	0	12:07	2.77	0.02	0.09
BC-BB-F3-16195A	CONDUIT	33.96	0	12:00	10.82	2.12	1
BC-BB-F3-16200S	CONDUIT	599.66	0	11:59	7.64	0.66	1
BC-BB-F3-16202	CONDUIT	56.17	0	13:04	4.96	0.11	1
BC-BB-F3-16203	CONDUIT	44.73	0	12:00	11.08	0.36	1
BC-BB-F3-16204	CONDUIT	51.22	0	12:03	7.27	0.44	1
BC-BB-F3-16205	CONDUIT	54	0	12:04	6.87	0.45	1
BC-BB-F3-16206	CONDUIT	28.69	0	12:05	5.62	0.34	1
BC-BB-F3-16207	CONDUIT	7.15	0	12:02	5.37	0.28	0.66
BC-BB-F3-16207-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16208	CONDUIT	29.11	0	12:04	14.88	0.27	1
BC-BB-F3-16208-16228AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16209	CONDUIT	19.35	0	12:05	16.26	0.17	0.83
BC-BB-F3-16209-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16210	CONDUIT	563.37	0	11:59	7.17	0.71	1
BC-BB-F3-16212	CONDUIT	27.49	0	12:03	8.75	3.4	1
BC-BB-F3-16213	CONDUIT	28.12	0	12:03	9.07	1.76	1
BC-BB-F3-16213-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214	CONDUIT	14.37	0	12:03	6.3	0.68	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16214-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214-16213AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16215	CONDUIT	548.35	0	11:59	6.98	0.6	1
BC-BB-F3-16216	CONDUIT	12.34	0	12:03	5.13	1.94	1
BC-BB-F3-16218	CONDUIT	12.51	0	12:03	7.18	1.68	1
BC-BB-F3-16218-16213AO	CHANNEL	5.25	0	12:03	0.05	0	1
BC-BB-F3-16220	CONDUIT	540.91	0	11:59	6.89	0.6	1
BC-BB-F3-16221	CONDUIT	20.9	0	11:59	6.21	0.53	1
BC-BB-F3-16222	CONDUIT	20.9	0	11:59	6.34	0.48	1
BC-BB-F3-16223	CONDUIT	20.93	0	11:57	11.37	0.23	1
BC-BB-F3-16224	CONDUIT	21.97	0	11:58	11.68	0.72	1
BC-BB-F3-16225	CONDUIT	22.04	0	11:59	9.68	0.72	1
BC-BB-F3-16226	CONDUIT	22.13	0	11:58	9.22	0.77	1
BC-BB-F3-16227	CONDUIT	20.08	0	12:00	11.36	3.1	1
BC-BB-F3-16227-16233AO	CHANNEL	0.18	0	12:06	0.23	0	0
BC-BB-F3-16228	CONDUIT	7.53	0	12:10	4.26	1.67	1
BC-BB-F3-16228-16227AO	CHANNEL	1.61	0	12:05	0.59	0	0.01
BC-BB-F3-16231	CONDUIT	3.6	0	11:52	7.02	0.96	1
BC-BB-F3-16232	CONDUIT	3.69	0	11:44	6.77	2.51	1
BC-BB-F3-16233	CONDUIT	3.69	0	11:44	6.77	2.94	1
BC-BB-F3-16233-16213AO	CHANNEL	19.45	0	12:00	1.74	0.01	0.04
BC-BB-F3-16235	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16236	CONDUIT	7.05	0	12:01	2.7	0.08	1
BC-BB-F3-16236-16218AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16250	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16260	CONDUIT	462.64	0	11:59	5.89	0.51	1
BC-BB-F3-16271	CONDUIT	5.11	0	12:05	2.12	0.25	1
BC-BB-F3-16271-16236AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16292	CONDUIT	461.79	0	12:04	5.88	0.51	1
BC-BB-F3-16294	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16296	CONDUIT	461.82	0	12:04	5.88	0.51	1
BC-BB-F3-16298	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16300	CONDUIT	510.35	0	11:57	6.5	0.56	1
BC-BB-F3-16300-A0102	CONDUIT	115.32	0	11:58	9.18	0.92	1
BC-BB-F3-16300-A0103	CONDUIT	69.24	0	11:59	7.72	0.97	1
BC-BB-F3-16300-A0104	CONDUIT	59.86	0	11:59	6.22	0.94	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A0105	CONDUIT	51.23	0	11:59	5.32	0.94	1
BC-BB-F3-16300-A0106	CONDUIT	43.19	0	11:59	6.11	0.94	1
BC-BB-F3-16300-A0107	CONDUIT	35.16	0	11:59	4.97	0.94	1
BC-BB-F3-16300-A0108	CONDUIT	26.52	0	11:59	3.75	0.92	1
BC-BB-F3-16300-A0109	CONDUIT	19.74	0	11:59	4.02	1.01	1
BC-BB-F3-16300-A0110	CONDUIT	12.26	0	12:29	3.9	0.99	1
BC-BB-F3-16300-A0111	CONDUIT	5.82	0	12:01	3.3	0.52	1
BC-BB-F3-16300-A0111-16300-A0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0201	CONDUIT	50.42	0	11:59	6.5	0.87	1
BC-BB-F3-16300-A0202	CONDUIT	41.24	0	11:59	5.83	0.86	1
BC-BB-F3-16300-A0203	CONDUIT	32.86	0	11:59	4.65	0.84	1
BC-BB-F3-16300-A0204	CONDUIT	23.59	0	11:59	3.34	0.78	1
BC-BB-F3-16300-A0205	CONDUIT	15.39	0	11:59	3.14	0.66	1
BC-BB-F3-16300-A0206	CONDUIT	14.19	0	11:59	2.89	0.77	1
BC-BB-F3-16300-A0206-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0207	CONDUIT	8.59	0	11:59	4.86	0.92	1
BC-BB-F3-16300-A0208	CONDUIT	1.87	0	12:01	1.38	0.37	1
BC-BB-F3-16300-A0209	CONDUIT	1.87	0	12:01	1.83	0.37	1
BC-BB-F3-16300-A0209-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301	CONDUIT	9.74	0	11:58	6.06	0.92	1
BC-BB-F3-16300-A0301-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0401	CONDUIT	9.3	0	11:58	6.09	0.84	1
BC-BB-F3-16300-A0401-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0501	CONDUIT	9.68	0	11:58	5.48	1.01	1
BC-BB-F3-16300-A0501-16300-A0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0601	CONDUIT	8.99	0	12:23	5.36	0.95	1
BC-BB-F3-16300-A0601-16300-A0701AO	CHANNEL	6.45	0	12:09	0.48	0	0.07
BC-BB-F3-16300-A0701	CONDUIT	10.86	0	12:28	6.15	1.12	1
BC-BB-F3-16300-A0701AO	CHANNEL	5.12	0	12:13	2.63	0	0.06
BC-BB-F3-16300-A0801	CONDUIT	6.98	0	12:01	5.35	0.71	1
BC-BB-F3-16300-A0801-16300-A0701AO	CHANNEL	15.37	0	12:07	0.58	0	0.09
BC-BB-F3-16300-A0901	CONDUIT	13.18	0	12:00	7.46	1.3	1
BC-BB-F3-16300-A0901-16300-A0111AO	CHANNEL	9.24	0	12:06	0.94	0	0.05
BC-BB-F3-16300-A0901-A0801AO	CHANNEL	15.23	0	12:09	1.56	0	0.02
BC-BB-F3-16300-A1001	CONDUIT	11.35	0	12:34	6.42	1.67	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A1002	CONDUIT	11.03	0	12:34	6.24	1.08	1
BC-BB-F3-16300-A1002-16300-A0111AO	CHANNEL	12.74	0	12:06	1.07	0	0.03
BC-BB-F3-16300-A1101	CONDUIT	10.54	0	11:59	6.21	1.06	1
BC-BB-F3-16300-A1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1201	CONDUIT	8.51	0	11:59	5.12	0.96	1
BC-BB-F3-16300-A1201-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1301	CONDUIT	9.31	0	11:59	6.03	0.87	1
BC-BB-F3-16300-A1301-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1401	CONDUIT	8.21	0	11:59	5.12	0.93	1
BC-BB-F3-16300-A1401-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1501	CONDUIT	1.85	0	11:55	3.12	0.3	1
BC-BB-F3-16300-A1501-16300-A0206AO	CHANNEL	0.7	0	12:08	0.14	0	0.01
BC-BB-F3-16300-A1601	CONDUIT	9.98	0	12:00	5.65	1.3	1
BC-BB-F3-16300-A1601-16271AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1701	CONDUIT	2.98	0	12:35	1.69	0.4	1
BC-BB-F3-16300-A1702	CONDUIT	2.98	0	12:35	2.16	0.39	1
BC-BB-F3-16300-A1702-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0102	CONDUIT	63.41	0	12:04	6.82	0.41	1
BC-BB-F3-16300-B0103	CONDUIT	63.4	0	12:04	7.14	0.43	1
BC-BB-F3-16300-B0104	CONDUIT	63.4	0	12:04	5.44	0.47	1
BC-BB-F3-16300-B0105	CONDUIT	32.7	0	12:04	3.4	0.45	1
BC-BB-F3-16300-B0106	CONDUIT	32.69	0	12:04	6.12	0.43	1
BC-BB-F3-16300-B0107	CONDUIT	32.92	0	11:57	4.81	0.44	1
BC-BB-F3-16300-B0108	CONDUIT	33.44	0	11:58	4.16	0.47	1
BC-BB-F3-16300-B0109	CONDUIT	33.95	0	11:58	4.83	0.54	1
BC-BB-F3-16300-B0110	CONDUIT	27.2	0	11:58	3.87	0.5	1
BC-BB-F3-16300-B0111	CONDUIT	20.76	0	11:58	3.22	0.46	1
BC-BB-F3-16300-B0112	CONDUIT	18.74	0	12:03	3.82	0.65	1
BC-BB-F3-16300-B0201	CONDUIT	36.74	0	12:01	5.84	0.49	1
BC-BB-F3-16300-B0202	CONDUIT	36.74	0	12:01	4.89	0.42	1
BC-BB-F3-16300-B0203	CONDUIT	36.74	0	12:01	4.23	0.22	1
BC-BB-F3-16300-B0204	CONDUIT	32.89	0	12:01	7.58	0.47	1
BC-BB-F3-16300-B0205	CONDUIT	32.89	0	12:01	5.77	0.54	1
BC-BB-F3-16300-B0206	CONDUIT	27.14	0	12:01	4.36	0.52	1
BC-BB-F3-16300-B0207	CONDUIT	21.07	0	12:01	4.53	0.49	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-B0208	CONDUIT	13.95	0	12:01	3.55	0.41	1
BC-BB-F3-16300-B0209	CONDUIT	14.32	0	11:59	5.84	0.57	1
BC-BB-F3-16300-B0210	CONDUIT	7.51	0	12:00	3.09	0.42	1
BC-BB-F3-16300-B0211-A0209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301-16300-B1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-B0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-B0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-B0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0901-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-B1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-B1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-B1501AO	CHANNEL	1.97	0	12:08	0.3	0	0.01
BC-BB-F3-16300-B1501-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501-16300-B0211AO	CHANNEL	1.19	0	12:08	0.18	0	0.02
BC-BB-F3-16302	CONDUIT	389.25	0	11:57	4.96	0.43	1
BC-BB-F3-16304	CONDUIT	392.42	0	11:57	5	0.43	1
BC-BB-F3-16306	CONDUIT	386.61	0	11:57	4.92	0.43	1
BC-BB-F3-16308	CONDUIT	405.85	0	11:56	5.18	0.45	1
BC-BB-F3-16310S	CONDUIT	400.35	0	11:56	5.55	0.44	1
BC-BB-F3-16320-0102	CONDUIT	36.78	0	11:56	9.25	0.91	1
BC-BB-F3-16320-0103	CONDUIT	29.46	0	11:54	9.38	1.15	1
BC-BB-F3-16320-0104	CONDUIT	20.6	0	11:54	7.26	0.82	1
BC-BB-F3-16320-0105	CONDUIT	25.8	0	11:57	8.38	0.87	1
BC-BB-F3-16320-0106	CONDUIT	18.05	0	11:57	7.5	0.84	1
BC-BB-F3-16320-0107	CONDUIT	7.41	0	11:57	3.63	0.47	1
BC-BB-F3-16320-0108	CONDUIT	7.95	0	11:54	4.65	0.51	1
BC-BB-F3-16320-0109	CONDUIT	8.03	0	11:54	4.81	0.49	1
BC-BB-F3-16320-0109-16320-0701AO	CHANNEL	8.1	0	12:02	0.69	0	0.04

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16320-0201	CONDUIT	10.79	0	12:03	8.69	0.26	1
BC-BB-F3-16320-0201-16300-A0901AO	CHANNEL	8.12	0	12:09	1.23	0	0.02
BC-BB-F3-16320-0301	CONDUIT	13.24	0	12:00	16.25	0.25	1
BC-BB-F3-16320-0301-16320-0201AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16320-0401	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0402	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0403	CONDUIT	3.55	0	11:57	7.3	0.2	1
BC-BB-F3-16320-0404	CONDUIT	2.1	0	11:58	4.76	0.12	1
BC-BB-F3-16320-0404-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0501	CONDUIT	11.38	0	12:01	8.41	0.27	1
BC-BB-F3-16320-0501-16320-0301AO	CHANNEL	14.04	0	12:05	1.51	0	0.02
BC-BB-F3-16320-0601	CONDUIT	12.32	0	12:00	7.96	0.32	1
BC-BB-F3-16320-0601-16320-0501AO	CHANNEL	21.19	0	12:03	1.66	0	0.03
BC-BB-F3-16320-0701	CONDUIT	10.83	0	11:57	7.58	0.46	1
BC-BB-F3-16320-0701-16320-0601AO	CHANNEL	18.19	0	12:03	1.19	0	0.03
BC-BB-F3-16320-0801	CONDUIT	2.19	0	11:58	4.4	0.12	1
BC-BB-F3-16320-0802	CONDUIT	2.12	0	12:00	5.92	0.12	1
BC-BB-F3-16320-0803	CONDUIT	2.08	0	12:01	6.14	0.12	1
BC-BB-F3-16320-0803-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0102	CONDUIT	43.18	0	12:52	5.12	0.23	1
BC-BB-F3-16330-0103	CONDUIT	59.23	0	12:01	7.68	0.3	1
BC-BB-F3-16330-0104	CONDUIT	89.39	0	12:00	9.06	0.62	1
BC-BB-F3-16330-0105	CONDUIT	72.31	0	12:00	6.31	1.62	1
BC-BB-F3-16330-0106	CONDUIT	57.16	0	12:00	4.55	0.98	1
BC-BB-F3-16330-0201	CONDUIT	19.69	0	11:59	9.11	0.47	1
BC-BB-F3-16330-0202	CONDUIT	19.81	0	11:59	6.51	1.69	1
BC-BB-F3-16330-0203	CONDUIT	19.82	0	11:59	6.31	1.05	1
BC-BB-F3-16330-0204	CONDUIT	20.32	0	12:00	6.47	1.09	1
BC-BB-F3-16330-0205	CONDUIT	20.31	0	12:00	6.47	1.07	1
BC-BB-F3-16330-0206	CONDUIT	14.42	0	12:51	4.59	0.76	1
BC-BB-F3-16330-0207	CONDUIT	13.45	0	12:51	4.28	0.71	1
BC-BB-F3-16330-0208	CONDUIT	8.27	0	13:09	4.68	0.49	1
BC-BB-F3-16330-0209	CONDUIT	7.83	0	13:11	4.43	0.89	1
BC-BB-F3-16330-0210	CONDUIT	5.14	0	13:11	2.91	0.57	1
BC-BB-F3-16330-0211	CONDUIT	3.99	0	12:16	2.86	0.4	1
BC-BB-F3-16330-0211-16320-0201AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16330-0211-16330-1101AO	CHANNEL	14.92	0	12:04	0.41	0	0.78
BC-BB-F3-16330-0301	CONDUIT	19.72	0	11:59	8.2	0.88	1
BC-BB-F3-16330-0301-16330-0603AO	CHANNEL	14.97	0	12:09	1.24	0	0.06
BC-BB-F3-16330-0601	CONDUIT	6.39	0	12:22	3.62	0.4	1
BC-BB-F3-16330-0602	CONDUIT	6.39	0	12:22	3.62	0.51	1
BC-BB-F3-16330-0602-16330-0701AO	CHANNEL	9.35	0	12:10	0.52	0	0.07
BC-BB-F3-16330-0603	CONDUIT	5.26	0	12:23	2.97	0.77	1
BC-BB-F3-16330-0603-16330-0602AO	CHANNEL	13.46	0	12:09	0.85	0	0.06
BC-BB-F3-16330-0701	CONDUIT	16.97	0	11:59	9.6	1.96	1
BC-BB-F3-16330-0801	CONDUIT	9.92	0	11:56	12.63	0.44	1
BC-BB-F3-16330-0801-16330-0701AO	CHANNEL	7.38	0	12:00	1.18	0	0.06
BC-BB-F3-16330-0801-16330-0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0901	CONDUIT	8.2	0	12:05	7.66	0.76	1
BC-BB-F3-16330-0901-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1001	CONDUIT	1.91	0	12:00	2.43	0.4	1
BC-BB-F3-16330-1001-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1101	CONDUIT	2.7	0	13:10	4.86	0.55	1
BC-BB-F3-16330-1101-16300-A1002AO	CHANNEL	16.84	0	12:04	1	0	0.16
BC-BB-F3-16330-1201	CONDUIT	4.63	0	12:02	4.33	1.05	1
BC-BB-F3-16330-1202	CONDUIT	6.2	0	12:02	7.89	1.31	1
BC-BB-F3-16330-1202-16320-0201AO	CHANNEL	17.22	0	12:04	1.5	0	0.09
BC-BB-F3-16330-1202-16320-0301AO	CHANNEL	20.25	0	12:04	0.74	0	0.1
BC-BB-F3-16330-1401	CONDUIT	0.64	0	11:58	1.29	0.86	1
BC-BB-F3-16330-1402	CONDUIT	1.06	0	11:56	3.14	0.27	1
BC-BB-F3-16330-1402-16320-0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330S	CONDUIT	414.59	0	11:57	5.94	0.06	1
BC-BB-F3-16500-16310AO	CHANNEL	59.87	0	12:11	2.6	0	0.04
BC-BB-F3-16500S	CONDUIT	434.61	0	11:57	7.56	0.63	1
BC-BB-F3-16503-16320-0109AO	CHANNEL	2.63	0	12:09	0.36	0	0.02
BC-BB-F3-16503S	CONDUIT	29.34	0	12:00	3.13	0.19	1
BC-BB-F3-16507-16503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16507A	CONDUIT	30.99	0	11:58	7.42	0.29	1
BC-BB-F3-16510-16507AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16510A	CONDUIT	37.22	0	12:00	6.4	0.53	1
BC-BB-F3-16550-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16550S	CONDUIT	231.14	0	11:56	5.22	0.34	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16600S	CONDUIT	291.76	0	11:57	8.83	0.57	1
BC-BB-F3-16605S	CONDUIT	148.96	0	12:30	3.73	0.3	1
BC-BB-F3-16609S	CONDUIT	127.97	0	12:33	4.72	0.26	1
BC-BB-F3-16612S	CONDUIT	127.93	0	12:33	4.88	0.26	1
BC-BB-F3-16615-16510AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16618S	CONDUIT	136.58	0	11:59	7.18	0.38	1
BC-BB-F3-16621S	CONDUIT	56.99	0	12:03	4.54	0.3	1
BC-BB-F3-16624S	CONDUIT	56.99	0	12:03	5.57	0.24	1
BC-BB-F3-16627S	CONDUIT	34.97	0	12:02	4.33	0.91	1
BC-BB-F3-16630S	CONDUIT	13.73	0	12:00	4.66	0.57	1
BC-BB-F3-16640A	CONDUIT	55.76	0	12:00	9	0.39	1
BC-BB-F3-16645A	CONDUIT	58.3	0	12:00	8.96	0.59	1
BC-BB-F3-16650A	CONDUIT	59.6	0	12:00	8.92	0.91	1
BC-BB-F3-16665-16550AO	CHANNEL	3.59	0	12:07	0.88	0	0.01
BC-BB-F3-16665S	CONDUIT	62.1	0	11:58	8.87	0.86	1
BC-BB-F3-16670-16665AO	CHANNEL	15.46	0	12:05	1.56	0	0.02
BC-BB-F3-16670S	CONDUIT	69.38	0	12:00	9.84	1.73	1
BC-BB-F3-16690S	CONDUIT	56.14	0	11:59	8.19	1.19	1
BC-BB-F3-16690-T-A-13960AO	CHANNEL	28.68	0	12:00	2.06	0.01	0.05
BC-BB-F3-16695S	CONDUIT	144.72	0	12:00	9.35	1.37	1
BC-BB-F3-16700S	CONDUIT	145.48	0	12:00	15.12	2.71	1
BC-BB-F3-16780-16695AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16780A	CONDUIT	57.31	0	12:00	6.91	0.78	1
BC-BB-F3-16790-16670AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790-19050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790A	CONDUIT	66.45	0	12:00	9.4	1.12	1
BC-BB-F3-16790-T-A-16780AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995S	CONDUIT	509.78	0	12:25	7.58	0.53	1
BC-BB-F3-17000_S	CONDUIT	236.37	0	12:00	25.48	0.84	1
BC-BB-F3-17000-16995AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050-17000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050S	CONDUIT	67.73	0	11:55	7.29	1.01	1
BC-BB-F3-17110-0116	CONDUIT	32.28	0	12:00	6.22	0.38	1
BC-BB-F3-17110-0117	CONDUIT	26.04	0	12:00	3.87	0.54	1
BC-BB-F3-17110-0118	CONDUIT	21.52	0	13:18	3.06	0.51	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17110-0119	CONDUIT	20.29	0	13:18	2.89	0.57	1
BC-BB-F3-17110-0120	CONDUIT	20.14	0	13:18	4.1	0.78	1
BC-BB-F3-17110-0121	CONDUIT	13.98	0	11:59	2.85	0.53	1
BC-BB-F3-17110-0122	CONDUIT	10.33	0	11:58	2.2	0.41	1
BC-BB-F3-17110-0123	CONDUIT	10.33	0	11:58	3.16	0.51	1
BC-BB-F3-17110-0124	CONDUIT	10.33	0	11:58	2.93	0.53	1
BC-BB-F3-17110-0125	CONDUIT	6.86	0	11:58	2.05	0.32	1
BC-BB-F3-17110-0126	CONDUIT	6.82	0	11:58	3.16	0.48	1
BC-BB-F3-17110-0127	CONDUIT	3.74	0	11:58	1.81	0.25	1
BC-BB-F3-17110-0128	CONDUIT	3.95	0	11:54	3.87	0.2	1
BC-BB-F3-17110-0129	CONDUIT	4.1	0	11:54	4.16	0.62	1
BC-BB-F3-17110-1101	CONDUIT	6.08	0	12:00	3.44	0.92	1
BC-BB-F3-17110-1101-17110-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1103	CONDUIT	5.31	0	12:01	3	0.8	1
BC-BB-F3-17110-1105	CONDUIT	2.76	0	11:59	2.16	0.4	1
BC-BB-F3-17110-1105-17110-1103AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1201	CONDUIT	6.54	0	12:01	3.7	0.98	1
BC-BB-F3-17110-1201-17110-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301	CONDUIT	8.3	0	12:01	4.7	1.25	1
BC-BB-F3-17110-1301-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401	CONDUIT	7.52	0	12:00	4.26	1.13	1
BC-BB-F3-17110-1401-17110-1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501	CONDUIT	12.77	0	13:18	7.23	1.92	1
BC-BB-F3-17110-1501-17110-1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1503	CONDUIT	11.66	0	13:19	6.6	1.76	1
BC-BB-F3-17110-1503-17110-1401AO	CHANNEL	2.09	0	12:05	0.31	0	0.02
BC-BB-F3-17110-1505	CONDUIT	4.22	0	13:21	3.41	0.57	1
BC-BB-F3-17110-1505-17110-1503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601	CONDUIT	5.05	0	12:01	2.86	0.76	1
BC-BB-F3-17110-1601-17110-1701AO	CHANNEL	2.09	0	12:11	0.31	0	0.02
BC-BB-F3-17110-1701	CONDUIT	4.87	0	11:59	2.76	0.74	1
BC-BB-F3-17110-1701-17110-1801AO	CHANNEL	2.59	0	12:11	0.32	0	0.02
BC-BB-F3-17110-1801	CONDUIT	3.83	0	12:29	2.75	0.58	1
BC-BB-F3-17110-1801-17110-0129AO	CHANNEL	2.22	0	12:05	0.25	0	0.04
BC-BB-F3-17300-0101	CONDUIT	205.17	0	12:03	7.03	0.34	1
BC-BB-F3-17300-0102	CONDUIT	202.29	0	12:01	8.41	0.32	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17300-0104	CONDUIT	205.78	0	12:01	8.65	0.34	1
BC-BB-F3-17300-0105	CONDUIT	206.27	0	12:01	7.09	0.34	1
BC-BB-F3-17300-0106	CONDUIT	87.8	0	12:02	5.81	0.23	1
BC-BB-F3-17300-0107	CONDUIT	87.98	0	12:02	4.83	0.39	1
BC-BB-F3-17300-0108	CONDUIT	88.32	0	12:02	4.08	0.4	1
BC-BB-F3-17300-0109	CONDUIT	88.78	0	12:02	4.18	0.4	1
BC-BB-F3-17300-0110	CONDUIT	89.07	0	12:01	5.52	0.49	1
BC-BB-F3-17300-0111	CONDUIT	89.18	0	12:01	4.74	0.47	1
BC-BB-F3-17300-0112	CONDUIT	89.3	0	12:01	4.59	0.48	1
BC-BB-F3-17300-0113	CONDUIT	89.42	0	12:01	4.56	0.5	1
BC-BB-F3-17300-0114	CONDUIT	89.42	0	12:01	4.55	0.49	1
BC-BB-F3-17300-0115	CONDUIT	89.44	0	12:01	4.55	0.5	1
BC-BB-F3-17300-0116	CONDUIT	28.15	0	12:00	1.43	0.15	1
BC-BB-F3-17300-0301	CONDUIT	72.61	0	12:01	4.93	0.55	1
BC-BB-F3-17300-0302	CONDUIT	72.62	0	12:01	5.12	1.23	1
BC-BB-F3-17300-0303	CONDUIT	72.62	0	12:01	5.12	1.24	1
BC-BB-F3-17300-0304	CONDUIT	72.64	0	12:01	5.12	0.12	1
BC-BB-F3-17300-0305	CONDUIT	47.66	0	12:02	7.74	0.37	1
BC-BB-F3-17300-0306	CONDUIT	47.66	0	12:02	5.06	1.33	1
BC-BB-F3-17300-0307	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0308	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0309	CONDUIT	47.67	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0401	CONDUIT	52.69	0	12:03	6.7	0.53	1
BC-BB-F3-17300-0402	CONDUIT	52.31	0	12:03	6.63	0.53	1
BC-BB-F3-17300-0403	CONDUIT	49.9	0	12:03	7.95	0.51	1
BC-BB-F3-17300-0901	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0902	CONDUIT	62.19	0	12:01	4.95	0.6	1
BC-BB-F3-17300-0903	CONDUIT	62.19	0	12:01	4.95	0.59	1
BC-BB-F3-17300-0904	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0905	CONDUIT	62.17	0	12:01	8.8	1.3	1
BC-BB-F3-17300-0906	CONDUIT	62.17	0	12:01	8.8	1.31	1
BC-BB-F3-17300-0907	CONDUIT	45.1	0	12:02	6.38	0.94	1
BC-BB-F3-17300-0908	CONDUIT	45.1	0	12:02	6.38	0.95	1
BC-BB-F3-17300-1401	CONDUIT	4.76	0	12:03	2.91	0.03	1
BC-BB-F3-17300-1901	CONDUIT	11.92	0	12:03	3	0.57	1
BC-BB-F3-17300-1902	CONDUIT	9.71	0	12:03	2.44	0.57	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17300-3201	CONDUIT	8.17	0	12:03	4.62	0.39	1
BC-BB-F3-17300-3202	CONDUIT	8.19	0	12:03	4.64	0.39	1
BC-BB-F3-17300-3203	CONDUIT	4.13	0	12:00	2.34	0.19	1
BC-BB-F3-17300-3204	CONDUIT	4.12	0	12:00	2.57	0.2	1
BC-BB-F3-17300-3205	CONDUIT	3.67	0	12:00	4.42	0.17	1
BC-BB-F3-17900S	CONDUIT	419.35	0	13:12	6.72	0.47	1
BC-BB-F3-17905S	CONDUIT	436.15	0	12:09	8.44	0.5	1
BC-BB-F3-179073-16105AO	CHANNEL	25.99	0	12:05	1.91	0	0.03
BC-BB-F3-17907A	CONDUIT	25.96	0	11:59	5.29	0.89	1
BC-BB-F3-17910S	CONDUIT	473.74	0	12:01	7.77	0.54	1
BC-BB-F3-18000-17050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18000S	CONDUIT	72.76	0	11:55	10.32	2	1
BC-BB-F3-18100-0101	CONDUIT	54.49	0	12:03	5.12	0.09	1
BC-BB-F3-18100-0102	CONDUIT	54.47	0	12:03	5.15	0.09	1
BC-BB-F3-18100-0104	CONDUIT	59.69	0	12:03	9.01	0.1	1
BC-BB-F3-18100-0105	CONDUIT	80.39	0	12:03	4.15	0.56	1
BC-BB-F3-18100-0106	CONDUIT	78.81	0	12:03	4.03	0.55	1
BC-BB-F3-18100-0107	CONDUIT	75.45	0	12:03	5.07	0.7	1
BC-BB-F3-18100-0108	CONDUIT	72.1	0	12:04	4.65	0.67	1
BC-BB-F3-18100-0109	CONDUIT	63.15	0	12:04	5.07	0.68	1
BC-BB-F3-18100-0110	CONDUIT	62.66	0	12:04	5.18	0.68	1
BC-BB-F3-18100-0111	CONDUIT	58.65	0	12:05	5.05	0.63	1
BC-BB-F3-18100-0112	CONDUIT	57.11	0	12:05	5.94	0.83	1
BC-BB-F3-18100-0113	CONDUIT	57.16	0	12:05	7.24	0.84	1
BC-BB-F3-18100-0114	CONDUIT	57.99	0	12:05	6.19	0.85	1
BC-BB-F3-18100-0115	CONDUIT	52.47	0	12:05	6.33	0.77	1
BC-BB-F3-18100-0116	CONDUIT	52.56	0	12:05	5.93	0.77	1
BC-BB-F3-18100-0117	CONDUIT	36.83	0	12:05	6	0.54	1
BC-BB-F3-18100-0118	CONDUIT	29.82	0	12:06	7.5	2.05	1
BC-BB-F3-18100-0301	CONDUIT	54.51	0	12:01	9.29	0.2	1
BC-BB-F3-18100-0302	CONDUIT	54.56	0	12:01	6.09	0.2	1
BC-BB-F3-18100-0303	CONDUIT	54.64	0	12:01	4.99	0.42	1
BC-BB-F3-18100-0304	CONDUIT	54.7	0	12:01	4.37	0.42	1
BC-BB-F3-18100-0305	CONDUIT	54.77	0	12:01	4.06	0.42	1
BC-BB-F3-18100-0306	CONDUIT	54.9	0	12:01	3.97	0.42	1
BC-BB-F3-18100-0307	CONDUIT	54.99	0	12:01	3.92	0.4	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18100-0308	CONDUIT	52.51	0	12:01	6.17	0.73	1
BC-BB-F3-18100-0309	CONDUIT	52.54	0	12:01	5.48	0.73	1
BC-BB-F3-18100-0310	CONDUIT	52.54	0	12:01	5.46	0.73	1
BC-BB-F3-18100-0311	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0312	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0313	CONDUIT	52.55	0	12:01	7.43	1.1	1
BC-BB-F3-18100-0314	CONDUIT	52.55	0	12:01	7.43	1.11	1
BC-BB-F3-18100-0315	CONDUIT	25.98	0	12:01	3.68	0.55	1
BC-BB-F3-18100-0316	CONDUIT	26.06	0	12:00	3.69	0.5	1
BC-BB-F3-18100-0317	CONDUIT	25.98	0	12:01	3.67	0.55	1
BC-BB-F3-18100-1401	CONDUIT	11.59	0	12:03	3.7	0.37	1
BC-BB-F3-18100-1402	CONDUIT	7.66	0	12:09	4.89	0.24	1
BC-BB-F3-18100-1403	CONDUIT	7.66	0	12:09	5.16	0.24	1
BC-BB-F3-18100-1404	CONDUIT	7.66	0	12:09	4.64	0.24	1
BC-BB-F3-18100-1405	CONDUIT	7.66	0	12:09	4.66	0.24	1
BC-BB-F3-18100-1406	CONDUIT	9.23	0	12:09	3.04	0.29	1
BC-BB-F3-18100-1407	CONDUIT	9.23	0	12:09	4.58	0.29	1
BC-BB-F3-18100-1408	CONDUIT	7.02	0	12:10	4.7	0.32	1
BC-BB-F3-18100-1409	CONDUIT	7.74	0	12:10	4.9	0.35	1
BC-BB-F3-18100-1410	CONDUIT	5.86	0	12:10	3.99	0.27	1
BC-BB-F3-18100-1411	CONDUIT	1.97	0	12:11	1.62	0.09	0.82
BC-BB-F3-18100-1601	CONDUIT	30.71	0	11:53	17.38	4.15	1
BC-BB-F3-18890S	CONDUIT	589.84	0	12:02	8.39	0.67	1
BC-BB-F3-18891	CONDUIT	431.5	0	12:02	5.78	0.49	1
BC-BB-F3-18892	CONDUIT	31.18	0	12:07	17.64	1.19	1
BC-BB-F3-18894	CONDUIT	411.45	0	12:02	5.35	0.47	1
BC-BB-F3-18895	CONDUIT	4.1	0	12:07	2.63	0.1	1
BC-BB-F3-18897	CONDUIT	426.18	0	12:02	5.53	0.49	1
BC-BB-F3-18898	CONDUIT	2	0	12:09	1.59	0.04	1
BC-BB-F3-18900	CONDUIT	437.19	0	12:02	5.61	0.5	1
BC-BB-F3-18902	CONDUIT	427.67	0	12:02	5.46	0.49	1
BC-BB-F3-18903	CONDUIT	3.67	0	12:08	2.74	0.08	1
BC-BB-F3-18905	CONDUIT	422.98	0	12:02	5.39	0.48	1
BC-BB-F3-18906	CONDUIT	35.63	0	12:05	21.34	0.82	1
BC-BB-F3-18908	CONDUIT	387.15	0	12:02	4.93	0.44	1
BC-BB-F3-18909	CONDUIT	6.16	0	12:04	3.66	0.2	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18912	CONDUIT	6.84	0	12:04	3.98	0.3	1
BC-BB-F3-18914	CONDUIT	349.26	0	12:01	4.45	0.4	1
BC-BB-F3-18915	CONDUIT	5.94	0	12:08	3.36	0.39	1
BC-BB-F3-18946	CONDUIT	355.68	0	12:01	4.53	0.41	1
BC-BB-F3-18948	CONDUIT	373.25	0	12:01	5.06	0.43	1
BC-BB-F3-18950S	CONDUIT	332.14	0	12:01	5.26	0.38	1
BC-BB-F3-19000A	CONDUIT	127.6	0	12:00	13.62	0.17	1
BC-BB-F3-19050S	CONDUIT	304.3	0	12:02	5.6	0.31	1
BC-BB-F3-19060S	CONDUIT	355.3	0	12:04	9.95	0.93	1
BC-BB-F3-19080S	CONDUIT	325.11	0	12:01	8.59	0.85	1
BC-BB-F3-19095S	CONDUIT	154.78	0	12:01	5.06	0.4	0.93
BC-BB-F3-19100S	CONDUIT	173.81	0	12:00	7.98	0.57	0.93
BC-BB-F3-19110S	CONDUIT	51	0	12:00	4.64	0.47	0.95
BC-BB-F3-19112S	CONDUIT	25.12	0	12:00	5.32	0.69	0.76
BC-BB-F3-19120S	CONDUIT	19.19	0	12:00	5.53	0.31	0.72
BC-BB-F3-19150S	CONDUIT	79.19	0	12:01	4.03	0.69	1
BC-BB-F3-19200S	CONDUIT	78.88	0	12:01	4.96	0.89	1
BC-BB-F3-19250S	CONDUIT	21.57	0	12:07	1.88	0.29	1
BC-BB-F3-19300S	CONDUIT	19.77	0	12:00	2.84	0.44	1
BC-BB-F3-20000S	CONDUIT	200.33	0	12:00	6.18	0.63	1
BC-BB-F3-20010S	CONDUIT	36.6	0	12:06	2.33	0.42	1
BC-BB-F3-20020S	CONDUIT	36.6	0	12:06	2.58	0.48	1
BC-BB-F3-20030S	CONDUIT	65.55	0	12:00	3.73	0.35	1
BC-BB-F3-20100S	CONDUIT	41.33	0	11:59	4.3	0.96	1
BC-BB-F3-20200S	CONDUIT	9.62	0	12:00	2.11	0.21	1
BC-BB-F3-21000S	CONDUIT	68.18	0	11:59	6.38	0.63	1
BC-BB-F3-21050S	CONDUIT	28.48	0	12:06	2.97	0.36	1
BC-BB-F3-21075S	CONDUIT	29.48	0	11:58	4.73	0.53	1
BC-BB-F3-21100S	CONDUIT	36.48	0	12:00	6.13	1	1
PP-53	CONDUIT	13.85	0	11:57	5.35	0.27	1
PP-52	CONDUIT	16.09	0	12:14	4.32	0.21	1
PP-51	CONDUIT	16.13	0	12:14	4.74	0.21	1
PP-50	CONDUIT	30.91	0	12:10	3.86	0.28	1
PP-49	CONDUIT	42.95	0	12:10	4.4	0.39	1
PP-48	CONDUIT	42.95	0	12:10	4.62	0.4	1
PP-47	CONDUIT	53.5	0	12:10	4.26	0.48	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
C18	CONDUIT	7.66	0	12:09	4.13	0.2	1
EP-56	CONDUIT	205.14	0	12:02	6.48	0.43	1
C54	CONDUIT	0	0	0:00	0	0	0.5
C55	CONDUIT	8.14	0	12:03	2.82	0.26	1
C57	CONDUIT	2.08	0	12:04	1.69	0.05	1
C58	CONDUIT	18.67	0	12:06	5.94	1.26	1
C60	CONDUIT	8.14	0	12:03	2.59	0.21	1
C61	CONDUIT	7.75	0	12:54	2.47	0.48	1
C62	CONDUIT	4.11	0	12:54	1.13	0.17	1
C9100	CONDUIT	0	0	0:00	0	0	0.5
C9110	CHANNEL	0	0	0:00	0	0	0
C9120	CHANNEL	0	0	0:00	0	0	0
C9130	CHANNEL	0	0	0:00	0	0	0.08
C9200	CONDUIT	52.07	0	12:03	0.17	0	0.5
C9220	CHANNEL	0	0	0:00	0	0	0
C9230	CHANNEL	0	0	0:00	0	0	0.03
C9300	CONDUIT	0	0	0:00	0	0	0.5
C9400	CONDUIT	0	0	0:00	0	0	0.5
C9600	CONDUIT	1143.63	0	12:33	3.22	0.01	0.93
C9700	CONDUIT	7.32	0	12:03	0.03	0	0.73
DS-PJ23	CONDUIT	389.32	0	12:01	4.96	0.36	1
EP-20	CONDUIT	68.01	0	11:59	8.35	0.49	1
BC-BB-F3-17110-0102	CONDUIT	59.23	0	11:58	8.96	0.43	1
PP-72	CONDUIT	4.54	0	12:06	3.32	0.46	1
Pipe - (125)	CONDUIT	19.97	0	12:00	11.3	1.55	1
Pipe - (126)	CONDUIT	5.94	0	12:00	6.21	0.46	1
Pipe - (127)	CONDUIT	4.14	0	12:01	5	0.32	1
Pipe - (128)	CONDUIT	3.2	0	12:01	5.09	0.25	1
Pipe - (129)	CONDUIT	7.04	0	12:00	6.73	0.55	1
Pipe - (130)	CONDUIT	11.1	0	12:22	6.76	0.87	1
Pipe - (186)	CONDUIT	18.37	0	12:00	10.4	1.43	1
Pipe - (34)	CONDUIT	11.97	0	12:00	7.26	0.93	1
Pipe - (35)	CONDUIT	11.59	0	12:00	7.07	0.9	1
PP-05	CONDUIT	7.51	0	12:00	8.03	0.11	1
PP-06	CONDUIT	8.68	0	12:00	16.9	0.17	1
PP-07	CONDUIT	8.38	0	12:00	15.67	0.18	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-08	CONDUIT	8.45	0	12:00	16.92	0.16	1
PP-09	CONDUIT	7.9	0	12:01	16.53	0.15	1
PP-1	CONDUIT	2.66	0	12:00	3.69	0.25	0.45
PP-10	CONDUIT	4.54	0	12:00	4.68	0.44	1
PP-11	CONDUIT	8.65	0	12:01	16.38	0.18	1
PP-12	CONDUIT	8.44	0	12:01	16.55	0.17	1
PP-13	CONDUIT	4.25	0	12:01	14.28	0.09	1
PP-14	CONDUIT	7.78	0	12:01	5.97	0.12	0.55
PP-15	CONDUIT	11.88	0	12:00	6.11	0.54	0.59
PP-1Sky	CONDUIT	2.59	0	12:01	3.05	0.12	1
PP-2	CONDUIT	5.14	0	12:00	5.02	0.47	0.56
PP-20	CONDUIT	19.18	0	13:09	5.77	0.57	1
PP-21	CONDUIT	27.68	0	11:57	5.92	0.47	1
BC-BB-F3-17110-0115	CONDUIT	28.52	0	12:00	3.44	0.55	1
PP-24	CONDUIT	3.37	0	12:02	1.66	0.14	1
PP-25	CONDUIT	14.31	0	13:12	2.91	0.49	1
PP-26	CONDUIT	12.24	0	13:10	3.9	0.76	1
PP-27	CONDUIT	13.92	0	13:12	7.88	1.26	1
PP-28	CONDUIT	9.76	0	13:09	5.14	0.5	1
PP-29	CONDUIT	10.21	0	11:57	4.66	0.57	1
PP-3	CONDUIT	5.73	0	12:00	3.58	0.53	0.85
PP-30	CONDUIT	4.93	0	11:57	3.99	0.59	1
PP-31	CONDUIT	3.37	0	12:02	3.67	0.41	1
PP-32	CONDUIT	2.98	0	12:02	3.48	0.37	1
PP-33	CONDUIT	4.99	0	12:01	3.95	0.63	1
PP-34	CONDUIT	5.26	0	12:01	3.99	0.66	1
PP-35	CONDUIT	4.49	0	12:02	3.94	0.54	1
PP-36	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-37	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-38	CONDUIT	45.43	0	13:07	6.43	0.66	1
PP-39	CONDUIT	86.76	0	13:01	6.9	0.73	1
PP-3Sky	CONDUIT	1.98	0	12:13	1.49	0.15	0.99
PP-4	CONDUIT	6.16	0	12:00	3.82	0.59	0.86
PP-40	CONDUIT	43.37	0	13:06	13.81	1.81	1
PP-41	CONDUIT	54.55	0	12:59	11.11	1.31	1
PP-42	CONDUIT	11.3	0	11:58	4.35	0.49	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-45	CONDUIT	7.39	0	12:06	3.62	0.44	1
PP-4Sky	CONDUIT	3.56	0	12:10	2.01	0.23	1
PP-57	CONDUIT	20.31	0	12:03	5.63	0.7	1
SD1-1	CONDUIT	10.28	0	11:59	4.09	0.35	1
SD1-2	CONDUIT	32.83	0	12:00	5.05	0.38	1
SD1-3	CONDUIT	42.19	0	12:00	5.97	0.49	1
SD1-4	CONDUIT	57.01	0	12:00	8.06	0.7	1
SD1-T1	CONDUIT	14.39	0	12:00	4.58	0.15	1
SD1-T2	CONDUIT	8.91	0	12:00	3.62	0.44	1
SD1-T3	CONDUIT	22.67	0	12:00	7.22	1	1
SD2-1	CONDUIT	2.9	0	12:00	0.92	0.15	1
SD2-2	CONDUIT	8.63	0	13:04	1.76	0.36	1
SD2-3	CONDUIT	15.35	0	13:04	2.17	0.4	1
SD2-4	CONDUIT	19.48	0	13:03	2.76	0.54	1
SD2-5	CONDUIT	21.25	0	13:03	3.01	0.58	1
SD2-6	CONDUIT	35.43	0	12:22	5.01	0.97	1
SD2-7	CONDUIT	30.77	0	12:39	4.35	0.82	1
SD2-T1	CONDUIT	7.8	0	12:00	2.48	0.22	1
SD2-T2	CONDUIT	7.55	0	12:00	3.34	0.14	1
SD2-T3	CONDUIT	7.95	0	12:00	3.23	0.2	1
SD3-1	CONDUIT	3.23	0	11:50	2.5	0.16	1
SD3-2	CONDUIT	6.85	0	12:03	2.18	0.34	1
SD3-3	CONDUIT	5.48	0	11:49	2.59	0.14	1
SD3-4	CONDUIT	13.55	0	11:59	2.76	0.36	1
SD3-5	CONDUIT	26.15	0	11:59	5.33	0.7	1
SD3-T1	CONDUIT	5.35	0	12:00	3.05	0.27	1
SD3-T2	CONDUIT	8.73	0	12:00	7.96	0.1	1
SD3-T3	CONDUIT	12.88	0	12:00	4.1	0.64	1
SD6-1	CONDUIT	3.4	0	11:57	3.18	0.72	1
SD6-10	CONDUIT	82.89	0	12:04	11.73	2.15	1
SD6-11	CONDUIT	82.89	0	12:04	11.73	0.9	1
SD6-12	CONDUIT	105.51	0	12:09	14.93	1.16	1
SD6-2	CONDUIT	6.82	0	11:57	3.78	0.56	1
SD6-3	CONDUIT	11.17	0	11:57	3.64	0.57	1
SD6-4	CONDUIT	17.36	0	11:55	3.54	0.49	1
SD6-5	CONDUIT	23.9	0	11:55	4.87	0.67	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
SD6-6	CONDUIT	40.42	0	12:35	8.23	1.13	1
SD6-7	CONDUIT	42.87	0	12:33	8.73	1.2	1
SD6-8	CONDUIT	47.94	0	12:31	6.78	0.82	1
SD6-9	CONDUIT	53.47	0	11:58	7.56	0.92	1
SD6-T1	CONDUIT	5.89	0	11:54	7.5	0.74	1
SD6-T2	CONDUIT	5.9	0	11:55	8.6	0.59	1
SD6-T3	CONDUIT	6.49	0	11:55	8.83	0.48	1
SD6-T4	CONDUIT	6.83	0	11:56	8.7	0.44	1
SD6-T5	CONDUIT	7.45	0	11:56	9.48	0.46	1
SD6-T6	CONDUIT	7.9	0	11:57	10.06	0.51	1
SD6-T7	CONDUIT	9.63	0	11:58	12.26	0.51	1
SD6-T8	CONDUIT	10.37	0	11:59	13.2	0.51	1
SD6-T9	CONDUIT	7.86	0	11:59	10.01	0.69	1
ST501	CONDUIT	54.56	0	12:01	8.15	1.51	1
ST502	CONDUIT	54.56	0	12:01	7.72	1.5	1
ST601	CONDUIT	19.56	0	12:00	2.77	0.46	1
ST602	CONDUIT	40.87	0	12:01	5.78	1.12	1
ST603	CONDUIT	29.78	0	12:01	4.21	0.81	1
ST604	CONDUIT	18.66	0	12:00	2.64	0.51	1
ST701	CONDUIT	18.74	0	12:03	3.83	0.51	1
ST702	CONDUIT	14.07	0	12:04	2.58	0.38	1
ST703	CONDUIT	10.24	0	12:04	2.75	0.22	1
ST704	CONDUIT	8.01	0	12:04	3.32	0.17	1
US-PJ23	CONDUIT	353.37	0	12:01	4.51	1.04	1
Ov_SD6-2	CHANNEL	9.64	0	12:13	0.2	0	0.12
Ov_SD6-1	CHANNEL	5.1	0	11:57	0.49	0	0.12
Ov_SD6-3	CHANNEL	17.49	0	12:10	0.36	0	0.12
Ov_SD6-4	CHANNEL	26.72	0	12:06	0.54	0	0.12
Ov_SD6-5	CHANNEL	36.65	0	12:05	0.74	0	0.12
Ov_SD6-6	CHANNEL	47.54	0	12:05	1	0	0.12
Ov_SD6-7	CHANNEL	56.51	0	12:05	1.15	0	0.12
Ov_SD6-8	CHANNEL	63.5	0	12:05	1.35	0	0.12
Ov_SD6-9	CHANNEL	69.22	0	12:05	1.66	0.01	0.12
Ov_SD6-T9	CHANNEL	69.68	0	12:06	2.4	0.01	0.11
Ov_SD2-2	CHANNEL	30.7	0	12:04	0.39	0	0.96
Ov_SD2-3	CHANNEL	41.43	0	12:03	0.65	0	0.96

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
Ov_SD2-4	CHANNEL	44.56	0	12:06	0.63	0	0.96
Ov_SD2-5	CHANNEL	54.22	0	12:09	1.19	0	0.96
Ov_Pipe - (126)	CHANNEL	0	0	0:00	0	0	0
Ov_C58	CHANNEL	0	0	0:00	0	0	0
OV_BC-BB-F3-18100-0116	CHANNEL	0	0	0:00	0	0	0
PP-100	CONDUIT	10.71	0	12:00	6.06	0.68	1
PP-85	CONDUIT	6.41	0	12:00	3.63	0.45	1
PP-84	CONDUIT	12.37	0	12:00	7	0.79	1
PP-83	CONDUIT	18.78	0	12:00	5.98	1.33	1
PP-46	CONDUIT	5.07	0	12:06	3.38	0.29	1
PP-65	CONDUIT	1.63	0	12:05	5.01	0.1	0.24
BC-BB-F3-17110-0114	CONDUIT	50.44	0	11:58	6.08	0.97	1
BC-BB-F3-17110-0113	CONDUIT	50.44	0	11:58	6.08	0.97	1
Link_PJ-25South	CONDUIT	65.12	0	11:58	7.85	1.22	1
BC-BB-F3-17110-0112	CONDUIT	65.12	0	11:58	7.85	1.27	1
BC-BB-F3-17110-0111	CONDUIT	65.11	0	11:58	7.85	1.24	1
BC-BB-F3-17110-0110	CONDUIT	65.12	0	11:58	7.88	0.86	1
BC-BB-F3-17110-0108	CONDUIT	64.62	0	11:58	7.09	0.72	1
BC-BB-F3-17110-0106	CONDUIT	61.37	0	11:58	7.93	0.53	1
BC-BB-F3-17110-0105	CONDUIT	61.66	0	11:58	10.03	0.46	1
BC-BB-F3-17110-0107	CONDUIT	62.95	0	11:58	7.39	0.55	1
C184	CONDUIT	19.37	0	13:12	2.74	0.56	1
Ov_PP-42	CHANNEL	0	0	0:00	0	0	0
PT-Line2	CONDUIT	10.09	0	11:59	5.71	1.85	1
P2-L1	CONDUIT	10.93	0	12:07	13.91	1.3	1
P2-3	CONDUIT	10.93	0	12:07	13.91	5.23	1
PT-Line3	CONDUIT	17.84	0	12:31	10.1	3.28	1
BC-BB-F3-17110-0103	CONDUIT	68.01	0	11:59	10.93	0.17	1
BC-BB-F3-17110-0104	CONDUIT	68.03	0	11:58	7.94	0.17	1
Ov_SD3-1	CHANNEL	3.42	0	12:03	0.19	0	0.33
LinePT-6_2	CONDUIT	25.65	0	12:08	8.16	0.2	1
LinePT-S	CONDUIT	6.51	0	10:49	11.94	2.79	1
RS_FF-205	CONDUIT	11.19	0	11:54	6.51	1.05	1
DuromaxxPipe	CONDUIT	11.05	0	11:54	1.06	0.02	1
RS_FF202	CONDUIT	6.93	0	11:55	3.92	0.7	1
RS_FF201	CONDUIT	6.93	0	11:55	3.92	0.86	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PT-Line1	CONDUIT	13.68	0	11:41	7.74	2.41	1
Ov_SD6-12	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line1	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line2	CHANNEL	0	0	0:00	0	0	0
LinePT-6_1	CONDUIT	25.66	0	12:08	6.07	0.42	1
Ov_SD2-7	CHANNEL	35.07	0	12:22	1.54	0	0.21
Ov_LinePT-S	CHANNEL	23.09	0	12:06	1.53	0	1
LinePT-3_2	CONDUIT	46.16	0	12:05	6.53	0.97	1
D3-M1	CONDUIT	108.33	0	12:00	15.33	1.52	1
D3-M2	CONDUIT	75.39	0	12:00	15.56	0.3	1
D3-M3	CONDUIT	75.39	0	12:00	10.67	0.43	1
LinePT-3_1	CONDUIT	46.16	0	12:05	6.53	0.3	1
C14	CONDUIT	15.34	0	12:04	6.05	0.45	1
PP-106	CONDUIT	7.56	0	12:01	4.16	0.16	1
PP-105	CONDUIT	5.94	0	12:05	2.98	0.13	1
PP-92	CONDUIT	26.41	0	12:00	5.54	0.17	0.64
Ov_PP-106	CHANNEL	0	0	0:00	0	0	0
Ov_PP-52	CHANNEL	0	0	0:00	0	0	0
Ov_PP-53	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-12090S	CONDUIT	1075.72	0	12:44	13.7	0.62	1
BC-BB-F3-16000S	CONDUIT	1075.72	0	12:44	16.37	0.52	1
BC-BB-F3-16002S	CONDUIT	551.28	0	12:43	7.02	0.35	1
BC-BB-F3-16003-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16003S	CONDUIT	669.33	0	12:01	9.01	0.74	1
BC-BB-F3-16007-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16007A	CONDUIT	142.26	0	11:59	11.46	0.77	1
BC-BB-F3-16010-16007AO	CHANNEL	61.18	0	12:36	2.76	0.02	0.13
BC-BB-F3-16010A	CONDUIT	140.38	0	11:59	14.6	1.37	1
BC-BB-F3-16050A	CONDUIT	684.21	0	11:59	9.23	0.66	1
BC-BB-F3-16100	CONDUIT	65.14	0	11:59	14	0.82	1
BC-BB-F3-16105	CONDUIT	34.18	0	11:59	10.9	1.48	1
BC-BB-F3-16105-16195AO	CHANNEL	34.72	0	12:07	2.24	0.01	0.06
BC-BB-F3-16120	CONDUIT	38.71	0	12:02	8.38	0.94	1
BC-BB-F3-16125	CONDUIT	18.08	0	12:00	10.67	0.18	1
BC-BB-F3-16125-17907AO	CHANNEL	9.5	0	12:05	1.26	0	0.03
BC-BB-F3-16130	CONDUIT	22.98	0	12:05	8.35	0.84	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16135	CONDUIT	20.24	0	12:03	8.46	0.2	1
BC-BB-F3-16135-16125AO	CHANNEL	3.12	0	12:05	0.78	0	0.02
BC-BB-F3-16140	CONDUIT	5.28	0	12:04	2.65	0.19	0.97
BC-BB-F3-16145	CONDUIT	5.9	0	12:04	7.8	0.07	0.55
BC-BB-F3-16145-16135AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16190S	CONDUIT	646.2	0	11:59	8.29	0.3	1
BC-BB-F3-16193	CONDUIT	52.82	0	12:02	16.81	17.32	1
BC-BB-F3-16193-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16195-16193AO	CHANNEL	58.24	0	12:07	2.77	0.02	0.09
BC-BB-F3-16195A	CONDUIT	33.96	0	12:00	10.82	2.12	1
BC-BB-F3-16200S	CONDUIT	599.66	0	11:59	7.64	0.66	1
BC-BB-F3-16202	CONDUIT	56.17	0	13:04	4.96	0.11	1
BC-BB-F3-16203	CONDUIT	44.73	0	12:00	11.08	0.36	1
BC-BB-F3-16204	CONDUIT	51.22	0	12:03	7.27	0.44	1
BC-BB-F3-16205	CONDUIT	54	0	12:04	6.87	0.45	1
BC-BB-F3-16206	CONDUIT	28.69	0	12:05	5.62	0.34	1
BC-BB-F3-16207	CONDUIT	7.15	0	12:02	5.37	0.28	0.66
BC-BB-F3-16207-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16208	CONDUIT	29.11	0	12:04	14.88	0.27	1
BC-BB-F3-16208-16228AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16209	CONDUIT	19.35	0	12:05	16.26	0.17	0.83
BC-BB-F3-16209-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16210	CONDUIT	563.37	0	11:59	7.17	0.71	1
BC-BB-F3-16212	CONDUIT	27.49	0	12:03	8.75	3.4	1
BC-BB-F3-16213	CONDUIT	28.12	0	12:03	9.07	1.76	1
BC-BB-F3-16213-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214	CONDUIT	14.37	0	12:03	6.3	0.68	1
BC-BB-F3-16214-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214-16213AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16215	CONDUIT	548.35	0	11:59	6.98	0.6	1
BC-BB-F3-16216	CONDUIT	12.34	0	12:03	5.13	1.94	1
BC-BB-F3-16218	CONDUIT	12.51	0	12:03	7.18	1.68	1
BC-BB-F3-16218-16213AO	CHANNEL	5.25	0	12:03	0.05	0	1
BC-BB-F3-16220	CONDUIT	540.91	0	11:59	6.89	0.6	1
BC-BB-F3-16221	CONDUIT	20.9	0	11:59	6.21	0.53	1
BC-BB-F3-16222	CONDUIT	20.9	0	11:59	6.34	0.48	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16223	CONDUIT	20.93	0	11:57	11.37	0.23	1
BC-BB-F3-16224	CONDUIT	21.97	0	11:58	11.68	0.72	1
BC-BB-F3-16225	CONDUIT	22.04	0	11:59	9.68	0.72	1
BC-BB-F3-16226	CONDUIT	22.13	0	11:58	9.22	0.77	1
BC-BB-F3-16227	CONDUIT	20.08	0	12:00	11.36	3.1	1
BC-BB-F3-16227-16233AO	CHANNEL	0.18	0	12:06	0.23	0	0
BC-BB-F3-16228	CONDUIT	7.53	0	12:10	4.26	1.67	1
BC-BB-F3-16228-16227AO	CHANNEL	1.61	0	12:05	0.59	0	0.01
BC-BB-F3-16231	CONDUIT	3.6	0	11:52	7.02	0.96	1
BC-BB-F3-16232	CONDUIT	3.69	0	11:44	6.77	2.51	1
BC-BB-F3-16233	CONDUIT	3.69	0	11:44	6.77	2.94	1
BC-BB-F3-16233-16213AO	CHANNEL	19.45	0	12:00	1.74	0.01	0.04
BC-BB-F3-16235	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16236	CONDUIT	7.05	0	12:01	2.7	0.08	1
BC-BB-F3-16236-16218AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16250	CONDUIT	520.2	0	11:59	6.62	0.57	1
BC-BB-F3-16260	CONDUIT	462.64	0	11:59	5.89	0.51	1
BC-BB-F3-16271	CONDUIT	5.11	0	12:05	2.12	0.25	1
BC-BB-F3-16271-16236AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16292	CONDUIT	461.79	0	12:04	5.88	0.51	1
BC-BB-F3-16294	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16296	CONDUIT	461.82	0	12:04	5.88	0.51	1
BC-BB-F3-16298	CONDUIT	461.8	0	12:04	5.88	0.51	1
BC-BB-F3-16300	CONDUIT	510.35	0	11:57	6.5	0.56	1
BC-BB-F3-16300-A0102	CONDUIT	115.32	0	11:58	9.18	0.92	1
BC-BB-F3-16300-A0103	CONDUIT	69.24	0	11:59	7.72	0.97	1
BC-BB-F3-16300-A0104	CONDUIT	59.86	0	11:59	6.22	0.94	1
BC-BB-F3-16300-A0105	CONDUIT	51.23	0	11:59	5.32	0.94	1
BC-BB-F3-16300-A0106	CONDUIT	43.19	0	11:59	6.11	0.94	1
BC-BB-F3-16300-A0107	CONDUIT	35.16	0	11:59	4.97	0.94	1
BC-BB-F3-16300-A0108	CONDUIT	26.52	0	11:59	3.75	0.92	1
BC-BB-F3-16300-A0109	CONDUIT	19.74	0	11:59	4.02	1.01	1
BC-BB-F3-16300-A0110	CONDUIT	12.26	0	12:29	3.9	0.99	1
BC-BB-F3-16300-A0111	CONDUIT	5.82	0	12:01	3.3	0.52	1
BC-BB-F3-16300-A0111-16300-A0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0201	CONDUIT	50.42	0	11:59	6.5	0.87	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A0202	CONDUIT	41.24	0	11:59	5.83	0.86	1
BC-BB-F3-16300-A0203	CONDUIT	32.86	0	11:59	4.65	0.84	1
BC-BB-F3-16300-A0204	CONDUIT	23.59	0	11:59	3.34	0.78	1
BC-BB-F3-16300-A0205	CONDUIT	15.39	0	11:59	3.14	0.66	1
BC-BB-F3-16300-A0206	CONDUIT	14.19	0	11:59	2.89	0.77	1
BC-BB-F3-16300-A0206-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0207	CONDUIT	8.59	0	11:59	4.86	0.92	1
BC-BB-F3-16300-A0208	CONDUIT	1.87	0	12:01	1.38	0.37	1
BC-BB-F3-16300-A0209	CONDUIT	1.87	0	12:01	1.83	0.37	1
BC-BB-F3-16300-A0209-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301	CONDUIT	9.74	0	11:58	6.06	0.92	1
BC-BB-F3-16300-A0301-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0401	CONDUIT	9.3	0	11:58	6.09	0.84	1
BC-BB-F3-16300-A0401-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0501	CONDUIT	9.68	0	11:58	5.48	1.01	1
BC-BB-F3-16300-A0501-16300-A0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0601	CONDUIT	8.99	0	12:23	5.36	0.95	1
BC-BB-F3-16300-A0601-16300-A0701AO	CHANNEL	6.45	0	12:09	0.48	0	0.07
BC-BB-F3-16300-A0701	CONDUIT	10.86	0	12:28	6.15	1.12	1
BC-BB-F3-16300-A0701AO	CHANNEL	5.12	0	12:13	2.63	0	0.06
BC-BB-F3-16300-A0801	CONDUIT	6.98	0	12:01	5.35	0.71	1
BC-BB-F3-16300-A0801-16300-A0701AO	CHANNEL	15.37	0	12:07	0.58	0	0.09
BC-BB-F3-16300-A0901	CONDUIT	13.18	0	12:00	7.46	1.3	1
BC-BB-F3-16300-A0901-16300-A0111AO	CHANNEL	9.24	0	12:06	0.94	0	0.05
BC-BB-F3-16300-A0901-A0801AO	CHANNEL	15.23	0	12:09	1.56	0	0.02
BC-BB-F3-16300-A1001	CONDUIT	11.35	0	12:34	6.42	1.67	1
BC-BB-F3-16300-A1002	CONDUIT	11.03	0	12:34	6.24	1.08	1
BC-BB-F3-16300-A1002-16300-A0111AO	CHANNEL	12.74	0	12:06	1.07	0	0.03
BC-BB-F3-16300-A1101	CONDUIT	10.54	0	11:59	6.21	1.06	1
BC-BB-F3-16300-A1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1201	CONDUIT	8.51	0	11:59	5.12	0.96	1
BC-BB-F3-16300-A1201-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1301	CONDUIT	9.31	0	11:59	6.03	0.87	1
BC-BB-F3-16300-A1301-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1401	CONDUIT	8.21	0	11:59	5.12	0.93	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A1401-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1501	CONDUIT	1.85	0	11:55	3.12	0.3	1
BC-BB-F3-16300-A1501-16300-A0206AO	CHANNEL	0.7	0	12:08	0.14	0	0.01
BC-BB-F3-16300-A1601	CONDUIT	9.98	0	12:00	5.65	1.3	1
BC-BB-F3-16300-A1601-16271AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1701	CONDUIT	2.98	0	12:35	1.69	0.4	1
BC-BB-F3-16300-A1702	CONDUIT	2.98	0	12:35	2.16	0.39	1
BC-BB-F3-16300-A1702-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0102	CONDUIT	63.41	0	12:04	6.82	0.41	1
BC-BB-F3-16300-B0103	CONDUIT	63.4	0	12:04	7.14	0.43	1
BC-BB-F3-16300-B0104	CONDUIT	63.4	0	12:04	5.44	0.47	1
BC-BB-F3-16300-B0105	CONDUIT	32.7	0	12:04	3.4	0.45	1
BC-BB-F3-16300-B0106	CONDUIT	32.69	0	12:04	6.12	0.43	1
BC-BB-F3-16300-B0107	CONDUIT	32.92	0	11:57	4.81	0.44	1
BC-BB-F3-16300-B0108	CONDUIT	33.44	0	11:58	4.16	0.47	1
BC-BB-F3-16300-B0109	CONDUIT	33.95	0	11:58	4.83	0.54	1
BC-BB-F3-16300-B0110	CONDUIT	27.2	0	11:58	3.87	0.5	1
BC-BB-F3-16300-B0111	CONDUIT	20.76	0	11:58	3.22	0.46	1
BC-BB-F3-16300-B0112	CONDUIT	18.74	0	12:03	3.82	0.65	1
BC-BB-F3-16300-B0201	CONDUIT	36.74	0	12:01	5.84	0.49	1
BC-BB-F3-16300-B0202	CONDUIT	36.74	0	12:01	4.89	0.42	1
BC-BB-F3-16300-B0203	CONDUIT	36.74	0	12:01	4.23	0.22	1
BC-BB-F3-16300-B0204	CONDUIT	32.89	0	12:01	7.58	0.47	1
BC-BB-F3-16300-B0205	CONDUIT	32.89	0	12:01	5.77	0.54	1
BC-BB-F3-16300-B0206	CONDUIT	27.14	0	12:01	4.36	0.52	1
BC-BB-F3-16300-B0207	CONDUIT	21.07	0	12:01	4.53	0.49	1
BC-BB-F3-16300-B0208	CONDUIT	13.95	0	12:01	3.55	0.41	1
BC-BB-F3-16300-B0209	CONDUIT	14.32	0	11:59	5.84	0.57	1
BC-BB-F3-16300-B0210	CONDUIT	7.51	0	12:00	3.09	0.42	1
BC-BB-F3-16300-B0211-A0209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301-16300-B1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-B0601AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-B0601-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601-16300-B0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-B0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0901-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-B1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-B1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-B1501AO	CHANNEL	1.97	0	12:08	0.3	0	0.01
BC-BB-F3-16300-B1501-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501-16300-B0211AO	CHANNEL	1.19	0	12:08	0.18	0	0.02
BC-BB-F3-16302	CONDUIT	389.25	0	11:57	4.96	0.43	1
BC-BB-F3-16304	CONDUIT	392.42	0	11:57	5	0.43	1
BC-BB-F3-16306	CONDUIT	386.61	0	11:57	4.92	0.43	1
BC-BB-F3-16308	CONDUIT	405.85	0	11:56	5.18	0.45	1
BC-BB-F3-16310S	CONDUIT	400.35	0	11:56	5.55	0.44	1
BC-BB-F3-16320-0102	CONDUIT	36.78	0	11:56	9.25	0.91	1
BC-BB-F3-16320-0103	CONDUIT	29.46	0	11:54	9.38	1.15	1
BC-BB-F3-16320-0104	CONDUIT	20.6	0	11:54	7.26	0.82	1
BC-BB-F3-16320-0105	CONDUIT	25.8	0	11:57	8.38	0.87	1
BC-BB-F3-16320-0106	CONDUIT	18.05	0	11:57	7.5	0.84	1
BC-BB-F3-16320-0107	CONDUIT	7.41	0	11:57	3.63	0.47	1
BC-BB-F3-16320-0108	CONDUIT	7.95	0	11:54	4.65	0.51	1
BC-BB-F3-16320-0109	CONDUIT	8.03	0	11:54	4.81	0.49	1
BC-BB-F3-16320-0109-16320-0701AO	CHANNEL	8.1	0	12:02	0.69	0	0.04
BC-BB-F3-16320-0201	CONDUIT	10.79	0	12:03	8.69	0.26	1
BC-BB-F3-16320-0201-16300-A0901AO	CHANNEL	8.12	0	12:09	1.23	0	0.02
BC-BB-F3-16320-0301	CONDUIT	13.24	0	12:00	16.25	0.25	1
BC-BB-F3-16320-0301-16320-0201AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16320-0401	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0402	CONDUIT	13.71	0	12:01	7.76	0.78	1
BC-BB-F3-16320-0403	CONDUIT	3.55	0	11:57	7.3	0.2	1
BC-BB-F3-16320-0404	CONDUIT	2.1	0	11:58	4.76	0.12	1
BC-BB-F3-16320-0404-16330-1402AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16320-0501	CONDUIT	11.38	0	12:01	8.41	0.27	1
BC-BB-F3-16320-0501-16320-0301AO	CHANNEL	14.04	0	12:05	1.51	0	0.02
BC-BB-F3-16320-0601	CONDUIT	12.32	0	12:00	7.96	0.32	1
BC-BB-F3-16320-0601-16320-0501AO	CHANNEL	21.19	0	12:03	1.66	0	0.03
BC-BB-F3-16320-0701	CONDUIT	10.83	0	11:57	7.58	0.46	1
BC-BB-F3-16320-0701-16320-0601AO	CHANNEL	18.19	0	12:03	1.19	0	0.03
BC-BB-F3-16320-0801	CONDUIT	2.19	0	11:58	4.4	0.12	1
BC-BB-F3-16320-0802	CONDUIT	2.12	0	12:00	5.92	0.12	1
BC-BB-F3-16320-0803	CONDUIT	2.08	0	12:01	6.14	0.12	1
BC-BB-F3-16320-0803-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0102	CONDUIT	43.18	0	12:52	5.12	0.23	1
BC-BB-F3-16330-0103	CONDUIT	59.23	0	12:01	7.68	0.3	1
BC-BB-F3-16330-0104	CONDUIT	89.39	0	12:00	9.06	0.62	1
BC-BB-F3-16330-0105	CONDUIT	72.31	0	12:00	6.31	1.62	1
BC-BB-F3-16330-0106	CONDUIT	57.16	0	12:00	4.55	0.98	1
BC-BB-F3-16330-0201	CONDUIT	19.69	0	11:59	9.11	0.47	1
BC-BB-F3-16330-0202	CONDUIT	19.81	0	11:59	6.51	1.69	1
BC-BB-F3-16330-0203	CONDUIT	19.82	0	11:59	6.31	1.05	1
BC-BB-F3-16330-0204	CONDUIT	20.32	0	12:00	6.47	1.09	1
BC-BB-F3-16330-0205	CONDUIT	20.31	0	12:00	6.47	1.07	1
BC-BB-F3-16330-0206	CONDUIT	14.42	0	12:51	4.59	0.76	1
BC-BB-F3-16330-0207	CONDUIT	13.45	0	12:51	4.28	0.71	1
BC-BB-F3-16330-0208	CONDUIT	8.27	0	13:09	4.68	0.49	1
BC-BB-F3-16330-0209	CONDUIT	7.83	0	13:11	4.43	0.89	1
BC-BB-F3-16330-0210	CONDUIT	5.14	0	13:11	2.91	0.57	1
BC-BB-F3-16330-0211	CONDUIT	3.99	0	12:16	2.86	0.4	1
BC-BB-F3-16330-0211-16320-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0211-16330-1101AO	CHANNEL	14.92	0	12:04	0.41	0	0.78
BC-BB-F3-16330-0301	CONDUIT	19.72	0	11:59	8.2	0.88	1
BC-BB-F3-16330-0301-16330-0603AO	CHANNEL	14.97	0	12:09	1.24	0	0.06
BC-BB-F3-16330-0601	CONDUIT	6.39	0	12:22	3.62	0.4	1
BC-BB-F3-16330-0602	CONDUIT	6.39	0	12:22	3.62	0.51	1
BC-BB-F3-16330-0602-16330-0701AO	CHANNEL	9.35	0	12:10	0.52	0	0.07
BC-BB-F3-16330-0603	CONDUIT	5.26	0	12:23	2.97	0.77	1
BC-BB-F3-16330-0603-16330-0602AO	CHANNEL	13.46	0	12:09	0.85	0	0.06
BC-BB-F3-16330-0701	CONDUIT	16.97	0	11:59	9.6	1.96	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16330-0801	CONDUIT	9.92	0	11:56	12.63	0.44	1
BC-BB-F3-16330-0801-16330-0701AO	CHANNEL	7.38	0	12:00	1.18	0	0.06
BC-BB-F3-16330-0801-16330-0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0901	CONDUIT	8.2	0	12:05	7.66	0.76	1
BC-BB-F3-16330-0901-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1001	CONDUIT	1.91	0	12:00	2.43	0.4	1
BC-BB-F3-16330-1001-16300-A1002AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1101	CONDUIT	2.7	0	13:10	4.86	0.55	1
BC-BB-F3-16330-1101-16300-A1002AO	CHANNEL	16.84	0	12:04	1	0	0.16
BC-BB-F3-16330-1201	CONDUIT	4.63	0	12:02	4.33	1.05	1
BC-BB-F3-16330-1202	CONDUIT	6.2	0	12:02	7.89	1.31	1
BC-BB-F3-16330-1202-16320-0201AO	CHANNEL	17.22	0	12:04	1.5	0	0.09
BC-BB-F3-16330-1202-16320-0301AO	CHANNEL	20.25	0	12:04	0.74	0	0.1
BC-BB-F3-16330-1401	CONDUIT	0.64	0	11:58	1.29	0.86	1
BC-BB-F3-16330-1402	CONDUIT	1.06	0	11:56	3.14	0.27	1
BC-BB-F3-16330-1402-16320-0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330S	CONDUIT	414.59	0	11:57	5.94	0.06	1
BC-BB-F3-16500-16310AO	CHANNEL	59.87	0	12:11	2.6	0	0.04
BC-BB-F3-16500S	CONDUIT	434.61	0	11:57	7.56	0.63	1
BC-BB-F3-16503-16320-0109AO	CHANNEL	2.63	0	12:09	0.36	0	0.02
BC-BB-F3-16503S	CONDUIT	29.34	0	12:00	3.13	0.19	1
BC-BB-F3-16507-16503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16507A	CONDUIT	30.99	0	11:58	7.42	0.29	1
BC-BB-F3-16510-16507AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16510A	CONDUIT	37.22	0	12:00	6.4	0.53	1
BC-BB-F3-16550-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16550S	CONDUIT	231.14	0	11:56	5.22	0.34	1
BC-BB-F3-16600S	CONDUIT	291.76	0	11:57	8.83	0.57	1
BC-BB-F3-16605S	CONDUIT	148.96	0	12:30	3.73	0.3	1
BC-BB-F3-16609S	CONDUIT	127.97	0	12:33	4.72	0.26	1
BC-BB-F3-16612S	CONDUIT	127.93	0	12:33	4.88	0.26	1
BC-BB-F3-16615-16510AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16618S	CONDUIT	136.58	0	11:59	7.18	0.38	1
BC-BB-F3-16621S	CONDUIT	56.99	0	12:03	4.54	0.3	1
BC-BB-F3-16624S	CONDUIT	56.99	0	12:03	5.57	0.24	1
BC-BB-F3-16627S	CONDUIT	34.97	0	12:02	4.33	0.91	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16630S	CONDUIT	13.73	0	12:00	4.66	0.57	1
BC-BB-F3-16640A	CONDUIT	55.76	0	12:00	9	0.39	1
BC-BB-F3-16645A	CONDUIT	58.3	0	12:00	8.96	0.59	1
BC-BB-F3-16650A	CONDUIT	59.6	0	12:00	8.92	0.91	1
BC-BB-F3-16665-16550AO	CHANNEL	3.59	0	12:07	0.88	0	0.01
BC-BB-F3-16665S	CONDUIT	62.1	0	11:58	8.87	0.86	1
BC-BB-F3-16670-16665AO	CHANNEL	15.46	0	12:05	1.56	0	0.02
BC-BB-F3-16670S	CONDUIT	69.38	0	12:00	9.84	1.73	1
BC-BB-F3-16690S	CONDUIT	56.14	0	11:59	8.19	1.19	1
BC-BB-F3-16690-T-A-13960AO	CHANNEL	28.68	0	12:00	2.06	0.01	0.05
BC-BB-F3-16695S	CONDUIT	144.72	0	12:00	9.35	1.37	1
BC-BB-F3-16700S	CONDUIT	145.48	0	12:00	15.12	2.71	1
BC-BB-F3-16780-16695AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16780A	CONDUIT	57.31	0	12:00	6.91	0.78	1
BC-BB-F3-16790-16670AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790-19050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790A	CONDUIT	66.45	0	12:00	9.4	1.12	1
BC-BB-F3-16790-T-A-16780AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995S	CONDUIT	509.78	0	12:25	7.58	0.53	1
BC-BB-F3-17000_S	CONDUIT	236.37	0	12:00	25.48	0.84	1
BC-BB-F3-17000-16995AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050-17000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050S	CONDUIT	67.73	0	11:55	7.29	1.01	1
BC-BB-F3-17110-0116	CONDUIT	32.28	0	12:00	6.22	0.38	1
BC-BB-F3-17110-0117	CONDUIT	26.04	0	12:00	3.87	0.54	1
BC-BB-F3-17110-0118	CONDUIT	21.52	0	13:18	3.06	0.51	1
BC-BB-F3-17110-0119	CONDUIT	20.29	0	13:18	2.89	0.57	1
BC-BB-F3-17110-0120	CONDUIT	20.14	0	13:18	4.1	0.78	1
BC-BB-F3-17110-0121	CONDUIT	13.98	0	11:59	2.85	0.53	1
BC-BB-F3-17110-0122	CONDUIT	10.33	0	11:58	2.2	0.41	1
BC-BB-F3-17110-0123	CONDUIT	10.33	0	11:58	3.16	0.51	1
BC-BB-F3-17110-0124	CONDUIT	10.33	0	11:58	2.93	0.53	1
BC-BB-F3-17110-0125	CONDUIT	6.86	0	11:58	2.05	0.32	1
BC-BB-F3-17110-0126	CONDUIT	6.82	0	11:58	3.16	0.48	1
BC-BB-F3-17110-0127	CONDUIT	3.74	0	11:58	1.81	0.25	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17110-0128	CONDUIT	3.95	0	11:54	3.87	0.2	1
BC-BB-F3-17110-0129	CONDUIT	4.1	0	11:54	4.16	0.62	1
BC-BB-F3-17110-1101	CONDUIT	6.08	0	12:00	3.44	0.92	1
BC-BB-F3-17110-1101-17110-1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1103	CONDUIT	5.31	0	12:01	3	0.8	1
BC-BB-F3-17110-1105	CONDUIT	2.76	0	11:59	2.16	0.4	1
BC-BB-F3-17110-1105-17110-1103AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1201	CONDUIT	6.54	0	12:01	3.7	0.98	1
BC-BB-F3-17110-1201-17110-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301	CONDUIT	8.3	0	12:01	4.7	1.25	1
BC-BB-F3-17110-1301-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401	CONDUIT	7.52	0	12:00	4.26	1.13	1
BC-BB-F3-17110-1401-17110-1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501	CONDUIT	12.77	0	13:18	7.23	1.92	1
BC-BB-F3-17110-1501-17110-1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1503	CONDUIT	11.66	0	13:19	6.6	1.76	1
BC-BB-F3-17110-1503-17110-1401AO	CHANNEL	2.09	0	12:05	0.31	0	0.02
BC-BB-F3-17110-1505	CONDUIT	4.22	0	13:21	3.41	0.57	1
BC-BB-F3-17110-1505-17110-1503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601	CONDUIT	5.05	0	12:01	2.86	0.76	1
BC-BB-F3-17110-1601-17110-1701AO	CHANNEL	2.09	0	12:11	0.31	0	0.02
BC-BB-F3-17110-1701	CONDUIT	4.87	0	11:59	2.76	0.74	1
BC-BB-F3-17110-1701-17110-1801AO	CHANNEL	2.59	0	12:11	0.32	0	0.02
BC-BB-F3-17110-1801	CONDUIT	3.83	0	12:29	2.75	0.58	1
BC-BB-F3-17110-1801-17110-0129AO	CHANNEL	2.22	0	12:05	0.25	0	0.04
BC-BB-F3-17300-0101	CONDUIT	205.17	0	12:03	7.03	0.34	1
BC-BB-F3-17300-0102	CONDUIT	202.29	0	12:01	8.41	0.32	1
BC-BB-F3-17300-0104	CONDUIT	205.78	0	12:01	8.65	0.34	1
BC-BB-F3-17300-0105	CONDUIT	206.27	0	12:01	7.09	0.34	1
BC-BB-F3-17300-0106	CONDUIT	87.8	0	12:02	5.81	0.23	1
BC-BB-F3-17300-0107	CONDUIT	87.98	0	12:02	4.83	0.39	1
BC-BB-F3-17300-0108	CONDUIT	88.32	0	12:02	4.08	0.4	1
BC-BB-F3-17300-0109	CONDUIT	88.78	0	12:02	4.18	0.4	1
BC-BB-F3-17300-0110	CONDUIT	89.07	0	12:01	5.52	0.49	1
BC-BB-F3-17300-0111	CONDUIT	89.18	0	12:01	4.74	0.47	1
BC-BB-F3-17300-0112	CONDUIT	89.3	0	12:01	4.59	0.48	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17300-0113	CONDUIT	89.42	0	12:01	4.56	0.5	1
BC-BB-F3-17300-0114	CONDUIT	89.42	0	12:01	4.55	0.49	1
BC-BB-F3-17300-0115	CONDUIT	89.44	0	12:01	4.55	0.5	1
BC-BB-F3-17300-0116	CONDUIT	28.15	0	12:00	1.43	0.15	1
BC-BB-F3-17300-0301	CONDUIT	72.61	0	12:01	4.93	0.55	1
BC-BB-F3-17300-0302	CONDUIT	72.62	0	12:01	5.12	1.23	1
BC-BB-F3-17300-0303	CONDUIT	72.62	0	12:01	5.12	1.24	1
BC-BB-F3-17300-0304	CONDUIT	72.64	0	12:01	5.12	0.12	1
BC-BB-F3-17300-0305	CONDUIT	47.66	0	12:02	7.74	0.37	1
BC-BB-F3-17300-0306	CONDUIT	47.66	0	12:02	5.06	1.33	1
BC-BB-F3-17300-0307	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0308	CONDUIT	47.66	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0309	CONDUIT	47.67	0	12:02	4.95	0.7	1
BC-BB-F3-17300-0401	CONDUIT	52.69	0	12:03	6.7	0.53	1
BC-BB-F3-17300-0402	CONDUIT	52.31	0	12:03	6.63	0.53	1
BC-BB-F3-17300-0403	CONDUIT	49.9	0	12:03	7.95	0.51	1
BC-BB-F3-17300-0901	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0902	CONDUIT	62.19	0	12:01	4.95	0.6	1
BC-BB-F3-17300-0903	CONDUIT	62.19	0	12:01	4.95	0.59	1
BC-BB-F3-17300-0904	CONDUIT	62.18	0	12:01	4.95	0.61	1
BC-BB-F3-17300-0905	CONDUIT	62.17	0	12:01	8.8	1.3	1
BC-BB-F3-17300-0906	CONDUIT	62.17	0	12:01	8.8	1.31	1
BC-BB-F3-17300-0907	CONDUIT	45.1	0	12:02	6.38	0.94	1
BC-BB-F3-17300-0908	CONDUIT	45.1	0	12:02	6.38	0.95	1
BC-BB-F3-17300-1401	CONDUIT	4.76	0	12:03	2.91	0.03	1
BC-BB-F3-17300-1901	CONDUIT	11.92	0	12:03	3	0.57	1
BC-BB-F3-17300-1902	CONDUIT	9.71	0	12:03	2.44	0.57	1
BC-BB-F3-17300-3201	CONDUIT	8.17	0	12:03	4.62	0.39	1
BC-BB-F3-17300-3202	CONDUIT	8.19	0	12:03	4.64	0.39	1
BC-BB-F3-17300-3203	CONDUIT	4.13	0	12:00	2.34	0.19	1
BC-BB-F3-17300-3204	CONDUIT	4.12	0	12:00	2.57	0.2	1
BC-BB-F3-17300-3205	CONDUIT	3.67	0	12:00	4.42	0.17	1
BC-BB-F3-17900S	CONDUIT	419.35	0	13:12	6.72	0.47	1
BC-BB-F3-17905S	CONDUIT	436.15	0	12:09	8.44	0.5	1
BC-BB-F3-179073-16105AO	CHANNEL	25.99	0	12:05	1.91	0	0.03
BC-BB-F3-17907A	CONDUIT	25.96	0	11:59	5.29	0.89	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17910S	CONDUIT	473.74	0	12:01	7.77	0.54	1
BC-BB-F3-18000-17050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18000S	CONDUIT	72.76	0	11:55	10.32	2	1
BC-BB-F3-18100-0101	CONDUIT	54.49	0	12:03	5.12	0.09	1
BC-BB-F3-18100-0102	CONDUIT	54.47	0	12:03	5.15	0.09	1
BC-BB-F3-18100-0104	CONDUIT	59.69	0	12:03	9.01	0.1	1
BC-BB-F3-18100-0105	CONDUIT	80.39	0	12:03	4.15	0.56	1
BC-BB-F3-18100-0106	CONDUIT	78.81	0	12:03	4.03	0.55	1
BC-BB-F3-18100-0107	CONDUIT	75.45	0	12:03	5.07	0.7	1
BC-BB-F3-18100-0108	CONDUIT	72.1	0	12:04	4.65	0.67	1
BC-BB-F3-18100-0109	CONDUIT	63.15	0	12:04	5.07	0.68	1
BC-BB-F3-18100-0110	CONDUIT	62.66	0	12:04	5.18	0.68	1
BC-BB-F3-18100-0111	CONDUIT	58.65	0	12:05	5.05	0.63	1
BC-BB-F3-18100-0112	CONDUIT	57.11	0	12:05	5.94	0.83	1
BC-BB-F3-18100-0113	CONDUIT	57.16	0	12:05	7.24	0.84	1
BC-BB-F3-18100-0114	CONDUIT	57.99	0	12:05	6.19	0.85	1
BC-BB-F3-18100-0115	CONDUIT	52.47	0	12:05	6.33	0.77	1
BC-BB-F3-18100-0116	CONDUIT	52.56	0	12:05	5.93	0.77	1
BC-BB-F3-18100-0117	CONDUIT	36.83	0	12:05	6	0.54	1
BC-BB-F3-18100-0118	CONDUIT	29.82	0	12:06	7.5	2.05	1
BC-BB-F3-18100-0301	CONDUIT	54.51	0	12:01	9.29	0.2	1
BC-BB-F3-18100-0302	CONDUIT	54.56	0	12:01	6.09	0.2	1
BC-BB-F3-18100-0303	CONDUIT	54.64	0	12:01	4.99	0.42	1
BC-BB-F3-18100-0304	CONDUIT	54.7	0	12:01	4.37	0.42	1
BC-BB-F3-18100-0305	CONDUIT	54.77	0	12:01	4.06	0.42	1
BC-BB-F3-18100-0306	CONDUIT	54.9	0	12:01	3.97	0.42	1
BC-BB-F3-18100-0307	CONDUIT	54.99	0	12:01	3.92	0.4	1
BC-BB-F3-18100-0308	CONDUIT	52.51	0	12:01	6.17	0.73	1
BC-BB-F3-18100-0309	CONDUIT	52.54	0	12:01	5.48	0.73	1
BC-BB-F3-18100-0310	CONDUIT	52.54	0	12:01	5.46	0.73	1
BC-BB-F3-18100-0311	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0312	CONDUIT	52.55	0	12:01	7.43	0.67	1
BC-BB-F3-18100-0313	CONDUIT	52.55	0	12:01	7.43	1.1	1
BC-BB-F3-18100-0314	CONDUIT	52.55	0	12:01	7.43	1.11	1
BC-BB-F3-18100-0315	CONDUIT	25.98	0	12:01	3.68	0.55	1
BC-BB-F3-18100-0316	CONDUIT	26.06	0	12:00	3.69	0.5	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18100-0317	CONDUIT	25.98	0	12:01	3.67	0.55	1
BC-BB-F3-18100-1401	CONDUIT	11.59	0	12:03	3.7	0.37	1
BC-BB-F3-18100-1402	CONDUIT	7.66	0	12:09	4.89	0.24	1
BC-BB-F3-18100-1403	CONDUIT	7.66	0	12:09	5.16	0.24	1
BC-BB-F3-18100-1404	CONDUIT	7.66	0	12:09	4.64	0.24	1
BC-BB-F3-18100-1405	CONDUIT	7.66	0	12:09	4.66	0.24	1
BC-BB-F3-18100-1406	CONDUIT	9.23	0	12:09	3.04	0.29	1
BC-BB-F3-18100-1407	CONDUIT	9.23	0	12:09	4.58	0.29	1
BC-BB-F3-18100-1408	CONDUIT	7.02	0	12:10	4.7	0.32	1
BC-BB-F3-18100-1409	CONDUIT	7.74	0	12:10	4.9	0.35	1
BC-BB-F3-18100-1410	CONDUIT	5.86	0	12:10	3.99	0.27	1
BC-BB-F3-18100-1411	CONDUIT	1.97	0	12:11	1.62	0.09	0.82
BC-BB-F3-18100-1601	CONDUIT	30.71	0	11:53	17.38	4.15	1
BC-BB-F3-18890S	CONDUIT	589.84	0	12:02	8.39	0.67	1
BC-BB-F3-18891	CONDUIT	431.5	0	12:02	5.78	0.49	1
BC-BB-F3-18892	CONDUIT	31.18	0	12:07	17.64	1.19	1
BC-BB-F3-18894	CONDUIT	411.45	0	12:02	5.35	0.47	1
BC-BB-F3-18895	CONDUIT	4.1	0	12:07	2.63	0.1	1
BC-BB-F3-18897	CONDUIT	426.18	0	12:02	5.53	0.49	1
BC-BB-F3-18898	CONDUIT	2	0	12:09	1.59	0.04	1
BC-BB-F3-18900	CONDUIT	437.19	0	12:02	5.61	0.5	1
BC-BB-F3-18902	CONDUIT	427.67	0	12:02	5.46	0.49	1
BC-BB-F3-18903	CONDUIT	3.67	0	12:08	2.74	0.08	1
BC-BB-F3-18905	CONDUIT	422.98	0	12:02	5.39	0.48	1
BC-BB-F3-18906	CONDUIT	35.63	0	12:05	21.34	0.82	1
BC-BB-F3-18908	CONDUIT	387.15	0	12:02	4.93	0.44	1
BC-BB-F3-18909	CONDUIT	6.16	0	12:04	3.66	0.2	1
BC-BB-F3-18912	CONDUIT	6.84	0	12:04	3.98	0.3	1
BC-BB-F3-18914	CONDUIT	349.26	0	12:01	4.45	0.4	1
BC-BB-F3-18915	CONDUIT	5.94	0	12:08	3.36	0.39	1
BC-BB-F3-18946	CONDUIT	355.68	0	12:01	4.53	0.41	1
BC-BB-F3-18948	CONDUIT	373.25	0	12:01	5.06	0.43	1
BC-BB-F3-18950S	CONDUIT	332.14	0	12:01	5.26	0.38	1
BC-BB-F3-19000A	CONDUIT	127.6	0	12:00	13.62	0.17	1
BC-BB-F3-19050S	CONDUIT	304.3	0	12:02	5.6	0.31	1
BC-BB-F3-19060S	CONDUIT	355.3	0	12:04	9.95	0.93	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-19080S	CONDUIT	325.11	0	12:01	8.59	0.85	1
BC-BB-F3-19095S	CONDUIT	154.78	0	12:01	5.06	0.4	0.93
BC-BB-F3-19100S	CONDUIT	173.81	0	12:00	7.98	0.57	0.93
BC-BB-F3-19110S	CONDUIT	51	0	12:00	4.64	0.47	0.95
BC-BB-F3-19112S	CONDUIT	25.12	0	12:00	5.32	0.69	0.76
BC-BB-F3-19120S	CONDUIT	19.19	0	12:00	5.53	0.31	0.72
BC-BB-F3-19150S	CONDUIT	79.19	0	12:01	4.03	0.69	1
BC-BB-F3-19200S	CONDUIT	78.88	0	12:01	4.96	0.89	1
BC-BB-F3-19250S	CONDUIT	21.57	0	12:07	1.88	0.29	1
BC-BB-F3-19300S	CONDUIT	19.77	0	12:00	2.84	0.44	1
BC-BB-F3-20000S	CONDUIT	200.33	0	12:00	6.18	0.63	1
BC-BB-F3-20010S	CONDUIT	36.6	0	12:06	2.33	0.42	1
BC-BB-F3-20020S	CONDUIT	36.6	0	12:06	2.58	0.48	1
BC-BB-F3-20030S	CONDUIT	65.55	0	12:00	3.73	0.35	1
BC-BB-F3-20100S	CONDUIT	41.33	0	11:59	4.3	0.96	1
BC-BB-F3-20200S	CONDUIT	9.62	0	12:00	2.11	0.21	1
BC-BB-F3-21000S	CONDUIT	68.18	0	11:59	6.38	0.63	1
BC-BB-F3-21050S	CONDUIT	28.48	0	12:06	2.97	0.36	1
BC-BB-F3-21075S	CONDUIT	29.48	0	11:58	4.73	0.53	1
BC-BB-F3-21100S	CONDUIT	36.48	0	12:00	6.13	1	1
PP-53	CONDUIT	13.85	0	11:57	5.35	0.27	1
PP-52	CONDUIT	16.09	0	12:14	4.32	0.21	1
PP-51	CONDUIT	16.13	0	12:14	4.74	0.21	1
PP-50	CONDUIT	30.91	0	12:10	3.86	0.28	1
PP-49	CONDUIT	42.95	0	12:10	4.4	0.39	1
PP-48	CONDUIT	42.95	0	12:10	4.62	0.4	1
PP-47	CONDUIT	53.5	0	12:10	4.26	0.48	1
C18	CONDUIT	7.66	0	12:09	4.13	0.2	1
EP-56	CONDUIT	205.14	0	12:02	6.48	0.43	1
C54	CONDUIT	0	0	0:00	0	0	0.5
C55	CONDUIT	8.14	0	12:03	2.82	0.26	1
C57	CONDUIT	2.08	0	12:04	1.69	0.05	1
C58	CONDUIT	18.67	0	12:06	5.94	1.26	1
C60	CONDUIT	8.14	0	12:03	2.59	0.21	1
C61	CONDUIT	7.75	0	12:54	2.47	0.48	1
C62	CONDUIT	4.11	0	12:54	1.13	0.17	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
C9100	CONDUIT	0	0	0:00	0	0	0.5
C9110	CHANNEL	0	0	0:00	0	0	0
C9120	CHANNEL	0	0	0:00	0	0	0
C9130	CHANNEL	0	0	0:00	0	0	0.08
C9200	CONDUIT	52.07	0	12:03	0.17	0	0.5
C9220	CHANNEL	0	0	0:00	0	0	0
C9230	CHANNEL	0	0	0:00	0	0	0.03
C9300	CONDUIT	0	0	0:00	0	0	0.5
C9400	CONDUIT	0	0	0:00	0	0	0.5
C9600	CONDUIT	1143.63	0	12:33	3.22	0.01	0.93
C9700	CONDUIT	7.32	0	12:03	0.03	0	0.73
DS-PJ23	CONDUIT	389.32	0	12:01	4.96	0.36	1
EP-20	CONDUIT	68.01	0	11:59	8.35	0.49	1
BC-BB-F3-17110-0102	CONDUIT	59.23	0	11:58	8.96	0.43	1
PP-72	CONDUIT	4.54	0	12:06	3.32	0.46	1
Pipe - (125)	CONDUIT	19.97	0	12:00	11.3	1.55	1
Pipe - (126)	CONDUIT	5.94	0	12:00	6.21	0.46	1
Pipe - (127)	CONDUIT	4.14	0	12:01	5	0.32	1
Pipe - (128)	CONDUIT	3.2	0	12:01	5.09	0.25	1
Pipe - (129)	CONDUIT	7.04	0	12:00	6.73	0.55	1
Pipe - (130)	CONDUIT	11.1	0	12:22	6.76	0.87	1
Pipe - (186)	CONDUIT	18.37	0	12:00	10.4	1.43	1
Pipe - (34)	CONDUIT	11.97	0	12:00	7.26	0.93	1
Pipe - (35)	CONDUIT	11.59	0	12:00	7.07	0.9	1
PP-05	CONDUIT	7.51	0	12:00	8.03	0.11	1
PP-06	CONDUIT	8.68	0	12:00	16.9	0.17	1
PP-07	CONDUIT	8.38	0	12:00	15.67	0.18	1
PP-08	CONDUIT	8.45	0	12:00	16.92	0.16	1
PP-09	CONDUIT	7.9	0	12:01	16.53	0.15	1
PP-1	CONDUIT	2.66	0	12:00	3.69	0.25	0.45
PP-10	CONDUIT	4.54	0	12:00	4.68	0.44	1
PP-11	CONDUIT	8.65	0	12:01	16.38	0.18	1
PP-12	CONDUIT	8.44	0	12:01	16.55	0.17	1
PP-13	CONDUIT	4.25	0	12:01	14.28	0.09	1
PP-14	CONDUIT	7.78	0	12:01	5.97	0.12	0.55
PP-15	CONDUIT	11.88	0	12:00	6.11	0.54	0.59

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-1Sky	CONDUIT	2.59	0	12:01	3.05	0.12	1
PP-2	CONDUIT	5.14	0	12:00	5.02	0.47	0.56
PP-20	CONDUIT	19.18	0	13:09	5.77	0.57	1
PP-21	CONDUIT	27.68	0	11:57	5.92	0.47	1
BC-BB-F3-17110-0115	CONDUIT	28.52	0	12:00	3.44	0.55	1
PP-24	CONDUIT	3.37	0	12:02	1.66	0.14	1
PP-25	CONDUIT	14.31	0	13:12	2.91	0.49	1
PP-26	CONDUIT	12.24	0	13:10	3.9	0.76	1
PP-27	CONDUIT	13.92	0	13:12	7.88	1.26	1
PP-28	CONDUIT	9.76	0	13:09	5.14	0.5	1
PP-29	CONDUIT	10.21	0	11:57	4.66	0.57	1
PP-3	CONDUIT	5.73	0	12:00	3.58	0.53	0.85
PP-30	CONDUIT	4.93	0	11:57	3.99	0.59	1
PP-31	CONDUIT	3.37	0	12:02	3.67	0.41	1
PP-32	CONDUIT	2.98	0	12:02	3.48	0.37	1
PP-33	CONDUIT	4.99	0	12:01	3.95	0.63	1
PP-34	CONDUIT	5.26	0	12:01	3.99	0.66	1
PP-35	CONDUIT	4.49	0	12:02	3.94	0.54	1
PP-36	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-37	CONDUIT	6.12	0	13:10	3.46	0.77	1
PP-38	CONDUIT	45.43	0	13:07	6.43	0.66	1
PP-39	CONDUIT	86.76	0	13:01	6.9	0.73	1
PP-3Sky	CONDUIT	1.98	0	12:13	1.49	0.15	0.99
PP-4	CONDUIT	6.16	0	12:00	3.82	0.59	0.86
PP-40	CONDUIT	43.37	0	13:06	13.81	1.81	1
PP-41	CONDUIT	54.55	0	12:59	11.11	1.31	1
PP-42	CONDUIT	11.3	0	11:58	4.35	0.49	1
PP-45	CONDUIT	7.39	0	12:06	3.62	0.44	1
PP-4Sky	CONDUIT	3.56	0	12:10	2.01	0.23	1
PP-57	CONDUIT	20.31	0	12:03	5.63	0.7	1
SD1-1	CONDUIT	10.28	0	11:59	4.09	0.35	1
SD1-2	CONDUIT	32.83	0	12:00	5.05	0.38	1
SD1-3	CONDUIT	42.19	0	12:00	5.97	0.49	1
SD1-4	CONDUIT	57.01	0	12:00	8.06	0.7	1
SD1-T1	CONDUIT	14.39	0	12:00	4.58	0.15	1
SD1-T2	CONDUIT	8.91	0	12:00	3.62	0.44	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
SD1-T3	CONDUIT	22.67	0	12:00	7.22	1	1
SD2-1	CONDUIT	2.9	0	12:00	0.92	0.15	1
SD2-2	CONDUIT	8.63	0	13:04	1.76	0.36	1
SD2-3	CONDUIT	15.35	0	13:04	2.17	0.4	1
SD2-4	CONDUIT	19.48	0	13:03	2.76	0.54	1
SD2-5	CONDUIT	21.25	0	13:03	3.01	0.58	1
SD2-6	CONDUIT	35.43	0	12:22	5.01	0.97	1
SD2-7	CONDUIT	30.77	0	12:39	4.35	0.82	1
SD2-T1	CONDUIT	7.8	0	12:00	2.48	0.22	1
SD2-T2	CONDUIT	7.55	0	12:00	3.34	0.14	1
SD2-T3	CONDUIT	7.95	0	12:00	3.23	0.2	1
SD3-1	CONDUIT	3.23	0	11:50	2.5	0.16	1
SD3-2	CONDUIT	6.85	0	12:03	2.18	0.34	1
SD3-3	CONDUIT	5.48	0	11:49	2.59	0.14	1
SD3-4	CONDUIT	13.55	0	11:59	2.76	0.36	1
SD3-5	CONDUIT	26.15	0	11:59	5.33	0.7	1
SD3-T1	CONDUIT	5.35	0	12:00	3.05	0.27	1
SD3-T2	CONDUIT	8.73	0	12:00	7.96	0.1	1
SD3-T3	CONDUIT	12.88	0	12:00	4.1	0.64	1
SD6-1	CONDUIT	3.4	0	11:57	3.18	0.72	1
SD6-10	CONDUIT	82.89	0	12:04	11.73	2.15	1
SD6-11	CONDUIT	82.89	0	12:04	11.73	0.9	1
SD6-12	CONDUIT	105.51	0	12:09	14.93	1.16	1
SD6-2	CONDUIT	6.82	0	11:57	3.78	0.56	1
SD6-3	CONDUIT	11.17	0	11:57	3.64	0.57	1
SD6-4	CONDUIT	17.36	0	11:55	3.54	0.49	1
SD6-5	CONDUIT	23.9	0	11:55	4.87	0.67	1
SD6-6	CONDUIT	40.42	0	12:35	8.23	1.13	1
SD6-7	CONDUIT	42.87	0	12:33	8.73	1.2	1
SD6-8	CONDUIT	47.94	0	12:31	6.78	0.82	1
SD6-9	CONDUIT	53.47	0	11:58	7.56	0.92	1
SD6-T1	CONDUIT	5.89	0	11:54	7.5	0.74	1
SD6-T2	CONDUIT	5.9	0	11:55	8.6	0.59	1
SD6-T3	CONDUIT	6.49	0	11:55	8.83	0.48	1
SD6-T4	CONDUIT	6.83	0	11:56	8.7	0.44	1
SD6-T5	CONDUIT	7.45	0	11:56	9.48	0.46	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
SD6-T6	CONDUIT	7.9	0	11:57	10.06	0.51	1
SD6-T7	CONDUIT	9.63	0	11:58	12.26	0.51	1
SD6-T8	CONDUIT	10.37	0	11:59	13.2	0.51	1
SD6-T9	CONDUIT	7.86	0	11:59	10.01	0.69	1
ST501	CONDUIT	54.56	0	12:01	8.15	1.51	1
ST502	CONDUIT	54.56	0	12:01	7.72	1.5	1
ST601	CONDUIT	19.56	0	12:00	2.77	0.46	1
ST602	CONDUIT	40.87	0	12:01	5.78	1.12	1
ST603	CONDUIT	29.78	0	12:01	4.21	0.81	1
ST604	CONDUIT	18.66	0	12:00	2.64	0.51	1
ST701	CONDUIT	18.74	0	12:03	3.83	0.51	1
ST702	CONDUIT	14.07	0	12:04	2.58	0.38	1
ST703	CONDUIT	10.24	0	12:04	2.75	0.22	1
ST704	CONDUIT	8.01	0	12:04	3.32	0.17	1
US-PJ23	CONDUIT	353.37	0	12:01	4.51	1.04	1
Ov_SD6-2	CHANNEL	9.64	0	12:13	0.2	0	0.12
Ov_SD6-1	CHANNEL	5.1	0	11:57	0.49	0	0.12
Ov_SD6-3	CHANNEL	17.49	0	12:10	0.36	0	0.12
Ov_SD6-4	CHANNEL	26.72	0	12:06	0.54	0	0.12
Ov_SD6-5	CHANNEL	36.65	0	12:05	0.74	0	0.12
Ov_SD6-6	CHANNEL	47.54	0	12:05	1	0	0.12
Ov_SD6-7	CHANNEL	56.51	0	12:05	1.15	0	0.12
Ov_SD6-8	CHANNEL	63.5	0	12:05	1.35	0	0.12
Ov_SD6-9	CHANNEL	69.22	0	12:05	1.66	0.01	0.12
Ov_SD6-T9	CHANNEL	69.68	0	12:06	2.4	0.01	0.11
Ov_SD2-2	CHANNEL	30.7	0	12:04	0.39	0	0.96
Ov_SD2-3	CHANNEL	41.43	0	12:03	0.65	0	0.96
Ov_SD2-4	CHANNEL	44.56	0	12:06	0.63	0	0.96
Ov_SD2-5	CHANNEL	54.22	0	12:09	1.19	0	0.96
Ov_Pipe - (126)	CHANNEL	0	0	0:00	0	0	0
Ov_C58	CHANNEL	0	0	0:00	0	0	0
OV_BC-BB-F3-18100-0116	CHANNEL	0	0	0:00	0	0	0
PP-100	CONDUIT	10.71	0	12:00	6.06	0.68	1
PP-85	CONDUIT	6.41	0	12:00	3.63	0.45	1
PP-84	CONDUIT	12.37	0	12:00	7	0.79	1
PP-83	CONDUIT	18.78	0	12:00	5.98	1.33	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-46	CONDUIT	5.07	0	12:06	3.38	0.29	1
PP-65	CONDUIT	1.63	0	12:05	5.01	0.1	0.24
BC-BB-F3-17110-0114	CONDUIT	50.44	0	11:58	6.08	0.97	1
BC-BB-F3-17110-0113	CONDUIT	50.44	0	11:58	6.08	0.97	1
Link_PJ-25South	CONDUIT	65.12	0	11:58	7.85	1.22	1
BC-BB-F3-17110-0112	CONDUIT	65.12	0	11:58	7.85	1.27	1
BC-BB-F3-17110-0111	CONDUIT	65.11	0	11:58	7.85	1.24	1
BC-BB-F3-17110-0110	CONDUIT	65.12	0	11:58	7.88	0.86	1
BC-BB-F3-17110-0108	CONDUIT	64.62	0	11:58	7.09	0.72	1
BC-BB-F3-17110-0106	CONDUIT	61.37	0	11:58	7.93	0.53	1
BC-BB-F3-17110-0105	CONDUIT	61.66	0	11:58	10.03	0.46	1
BC-BB-F3-17110-0107	CONDUIT	62.95	0	11:58	7.39	0.55	1
C184	CONDUIT	19.37	0	13:12	2.74	0.56	1
Ov_PP-42	CHANNEL	0	0	0:00	0	0	0
PT-Line2	CONDUIT	10.09	0	11:59	5.71	1.85	1
P2-L1	CONDUIT	10.93	0	12:07	13.91	1.3	1
P2-3	CONDUIT	10.93	0	12:07	13.91	5.23	1
PT-Line3	CONDUIT	17.84	0	12:31	10.1	3.28	1
BC-BB-F3-17110-0103	CONDUIT	68.01	0	11:59	10.93	0.17	1
BC-BB-F3-17110-0104	CONDUIT	68.03	0	11:58	7.94	0.17	1
Ov_SD3-1	CHANNEL	3.42	0	12:03	0.19	0	0.33
LinePT-6_2	CONDUIT	25.65	0	12:08	8.16	0.2	1
LinePT-S	CONDUIT	6.51	0	10:49	11.94	2.79	1
RS_FF-205	CONDUIT	11.19	0	11:54	6.51	1.05	1
DuromaxxPipe	CONDUIT	11.05	0	11:54	1.06	0.02	1
RS_FF202	CONDUIT	6.93	0	11:55	3.92	0.7	1
RS_FF201	CONDUIT	6.93	0	11:55	3.92	0.86	1
PT-Line1	CONDUIT	13.68	0	11:41	7.74	2.41	1
Ov_SD6-12	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line1	CHANNEL	0	0	0:00	0	0	0
Ov_PT-Line2	CHANNEL	0	0	0:00	0	0	0
LinePT-6_1	CONDUIT	25.66	0	12:08	6.07	0.42	1
Ov_SD2-7	CHANNEL	35.07	0	12:22	1.54	0	0.21
Ov_LinePT-S	CHANNEL	23.09	0	12:06	1.53	0	1
LinePT-3_2	CONDUIT	46.16	0	12:05	6.53	0.97	1
D3-M1	CONDUIT	108.33	0	12:00	15.33	1.52	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
D3-M2	CONDUIT	75.39	0	12:00	15.56	0.3	1
D3-M3	CONDUIT	75.39	0	12:00	10.67	0.43	1
LinePT-3_1	CONDUIT	46.16	0	12:05	6.53	0.3	1
C14	CONDUIT	15.34	0	12:04	6.05	0.45	1
PP-106	CONDUIT	7.56	0	12:01	4.16	0.16	1
PP-105	CONDUIT	5.94	0	12:05	2.98	0.13	1
PP-92	CONDUIT	26.41	0	12:00	5.54	0.17	0.64
Ov_PP-106	CHANNEL	0	0	0:00	0	0	0
Ov_PP-52	CHANNEL	0	0	0:00	0	0	0
Ov_PP-53	CHANNEL	0	0	0:00	0	0	0

Table 14. Proposed Final Conditions 100-Year Link Flow

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-12090S	CONDUIT	1057.16	0	12:22	13.46	0.6	1
BC-BB-F3-16000S	CONDUIT	1057.16	0	12:22	15.77	0.51	1
BC-BB-F3-16002S	CONDUIT	539.2	0	12:39	6.87	0.34	1
BC-BB-F3-16003-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16003S	CONDUIT	648.68	0	12:01	8.91	0.72	1
BC-BB-F3-16007-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16007A	CONDUIT	142.48	0	11:59	11.46	0.77	1
BC-BB-F3-16010-16007AO	CHANNEL	60.34	0	12:32	2.77	0.02	0.13
BC-BB-F3-16010A	CONDUIT	140.6	0	12:00	14.62	1.37	1
BC-BB-F3-16050A	CONDUIT	662.01	0	12:00	8.99	0.64	1
BC-BB-F3-16100	CONDUIT	66.62	0	11:59	14.31	0.84	1
BC-BB-F3-16105	CONDUIT	34.71	0	11:59	11.07	1.5	1
BC-BB-F3-16105-16195AO	CHANNEL	33.84	0	12:07	2.21	0.01	0.06
BC-BB-F3-16120	CONDUIT	38.86	0	12:02	8.41	0.95	1
BC-BB-F3-16125	CONDUIT	18.18	0	12:00	10.67	0.18	1
BC-BB-F3-16125-17907AO	CHANNEL	9.27	0	12:05	1.24	0	0.03
BC-BB-F3-16130	CONDUIT	22.99	0	12:05	8.35	0.84	1
BC-BB-F3-16135	CONDUIT	20.33	0	12:03	8.46	0.2	1
BC-BB-F3-16135-16125AO	CHANNEL	3.04	0	12:05	0.77	0	0.02
BC-BB-F3-16140	CONDUIT	5.29	0	12:05	2.65	0.19	0.97
BC-BB-F3-16145	CONDUIT	5.91	0	12:04	7.8	0.07	0.55

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16145-16135AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16190S	CONDUIT	624.41	0	11:59	8.05	0.29	1
BC-BB-F3-16193	CONDUIT	53.14	0	12:03	16.91	17.42	1
BC-BB-F3-16193-16003AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16195-16193AO	CHANNEL	56.79	0	12:07	2.74	0.02	0.08
BC-BB-F3-16195A	CONDUIT	34.8	0	12:00	11.09	2.18	1
BC-BB-F3-16200S	CONDUIT	577.11	0	11:59	7.35	0.63	1
BC-BB-F3-16202	CONDUIT	58.57	0	13:00	5.14	0.11	1
BC-BB-F3-16203	CONDUIT	46.45	0	12:01	11.19	0.38	1
BC-BB-F3-16204	CONDUIT	51.86	0	12:03	7.27	0.45	1
BC-BB-F3-16205	CONDUIT	54.64	0	12:04	6.88	0.46	1
BC-BB-F3-16206	CONDUIT	28.74	0	12:05	5.62	0.34	1
BC-BB-F3-16207	CONDUIT	7.15	0	12:02	5.37	0.28	0.65
BC-BB-F3-16207-16209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16208	CONDUIT	29.36	0	12:05	14.88	0.27	1
BC-BB-F3-16208-16228AO	CHANNEL	0	0	0:00	0	0	0.01
BC-BB-F3-16209	CONDUIT	19.42	0	12:05	16.28	0.17	0.8
BC-BB-F3-16209-16208AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16210	CONDUIT	540.96	0	11:59	6.89	0.68	1
BC-BB-F3-16212	CONDUIT	27.01	0	12:03	8.6	3.34	1
BC-BB-F3-16213	CONDUIT	27.72	0	12:03	8.96	1.73	1
BC-BB-F3-16213-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214	CONDUIT	14.51	0	12:04	6.32	0.69	1
BC-BB-F3-16214-16193AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16214-16213AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16215	CONDUIT	525	0	12:00	6.68	0.58	1
BC-BB-F3-16216	CONDUIT	12.16	0	12:04	5.06	1.91	1
BC-BB-F3-16218	CONDUIT	12.34	0	12:03	7.1	1.66	1
BC-BB-F3-16218-16213AO	CHANNEL	8.16	0	12:03	0.11	0	1
BC-BB-F3-16220	CONDUIT	517.95	0	12:00	6.59	0.57	1
BC-BB-F3-16221	CONDUIT	21.49	0	11:59	6.3	0.55	1
BC-BB-F3-16222	CONDUIT	21.47	0	11:59	6.42	0.49	1
BC-BB-F3-16223	CONDUIT	21.43	0	11:59	11.43	0.23	1
BC-BB-F3-16224	CONDUIT	22.36	0	11:59	11.72	0.73	1
BC-BB-F3-16225	CONDUIT	22.5	0	11:59	9.71	0.73	1
BC-BB-F3-16226	CONDUIT	22.51	0	11:59	9.36	0.78	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16227	CONDUIT	20.08	0	12:00	11.36	3.1	1
BC-BB-F3-16227-16233AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16228	CONDUIT	7.75	0	12:10	4.38	1.72	1
BC-BB-F3-16228-16227AO	CHANNEL	1.36	0	12:05	0.54	0	0.01
BC-BB-F3-16231	CONDUIT	3.6	0	11:52	6.98	0.96	1
BC-BB-F3-16232	CONDUIT	3.66	0	11:43	6.71	2.49	1
BC-BB-F3-16233	CONDUIT	3.66	0	11:43	6.71	2.91	1
BC-BB-F3-16233-16213AO	CHANNEL	19.14	0	12:00	1.72	0.01	0.04
BC-BB-F3-16235	CONDUIT	496.89	0	12:00	6.33	0.55	1
BC-BB-F3-16236	CONDUIT	3.52	0	12:05	10.5	0.04	1
BC-BB-F3-16236-16218AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16250	CONDUIT	493.62	0	12:00	6.28	0.54	1
BC-BB-F3-16260	CONDUIT	479.44	0	11:59	6.14	0.17	1
BC-BB-F3-16261	CONDUIT	81.62	0	12:54	6.5	0.68	1
BC-BB-F3-16263	CONDUIT	44.15	0	13:01	6.25	0.63	1
BC-BB-F3-16265	CONDUIT	10.85	0	11:59	4.33	0.48	1
BC-BB-F3-16271	CONDUIT	4.56	0	12:06	1.92	0.22	1
BC-BB-F3-16271-16236AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16292	CONDUIT	461.12	0	11:59	5.88	0.31	1
BC-BB-F3-16294	CONDUIT	461.13	0	11:59	5.87	0.51	1
BC-BB-F3-16296	CONDUIT	461.14	0	11:59	5.87	0.51	1
BC-BB-F3-16298	CONDUIT	461.13	0	11:59	5.87	0.51	1
BC-BB-F3-16300	CONDUIT	529.34	0	11:59	6.74	0.59	1
BC-BB-F3-16300-A0102	CONDUIT	119.68	0	11:59	9.52	0.96	1
BC-BB-F3-16300-A0103	CONDUIT	71.81	0	11:59	7.96	1.01	1
BC-BB-F3-16300-A0104	CONDUIT	62.11	0	11:59	6.46	0.98	1
BC-BB-F3-16300-A0105	CONDUIT	53.22	0	11:59	5.53	0.97	1
BC-BB-F3-16300-A0106	CONDUIT	44.96	0	11:59	6.36	0.98	1
BC-BB-F3-16300-A0107	CONDUIT	36.79	0	12:00	5.2	0.99	1
BC-BB-F3-16300-A0108	CONDUIT	28.2	0	12:00	3.99	0.98	1
BC-BB-F3-16300-A0109	CONDUIT	21.64	0	12:00	4.41	1.11	1
BC-BB-F3-16300-A0110	CONDUIT	12.35	0	12:27	3.93	1	1
BC-BB-F3-16300-A0111	CONDUIT	5.71	0	12:24	3.23	0.51	1
BC-BB-F3-16300-A0111-16300-A0801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0201	CONDUIT	51.98	0	11:59	6.57	0.89	1
BC-BB-F3-16300-A0202	CONDUIT	42.34	0	11:59	5.99	0.89	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A0203	CONDUIT	33.68	0	11:59	4.76	0.86	1
BC-BB-F3-16300-A0204	CONDUIT	24.98	0	11:59	3.53	0.82	1
BC-BB-F3-16300-A0205	CONDUIT	17.1	0	11:59	3.48	0.73	1
BC-BB-F3-16300-A0206	CONDUIT	16.53	0	11:59	3.37	0.9	1
BC-BB-F3-16300-A0206-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0207	CONDUIT	8.96	0	12:00	5.07	0.96	1
BC-BB-F3-16300-A0208	CONDUIT	1.8	0	11:55	1.38	0.36	1
BC-BB-F3-16300-A0209	CONDUIT	1.79	0	11:55	1.83	0.35	1
BC-BB-F3-16300-A0209-16300-A1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301	CONDUIT	10.02	0	11:59	6.06	0.94	1
BC-BB-F3-16300-A0301-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0301-16300-A1101AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0401	CONDUIT	9.28	0	11:59	6.09	0.84	1
BC-BB-F3-16300-A0401-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0501	CONDUIT	8.57	0	11:59	5.45	0.89	1
BC-BB-F3-16300-A0501-16300-A0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A0601	CONDUIT	9.79	0	12:21	5.54	1.03	1
BC-BB-F3-16300-A0601-16300-A0701AO	CHANNEL	10.6	0	12:05	0.72	0	0.07
BC-BB-F3-16300-A0701	CONDUIT	11.13	0	12:26	6.3	1.15	1
BC-BB-F3-16300-A0701AO	CHANNEL	19.09	0	12:09	4.08	0	0.1
BC-BB-F3-16300-A0801	CONDUIT	7.08	0	12:01	5.34	0.72	1
BC-BB-F3-16300-A0801-16300-A0701AO	CHANNEL	28.73	0	12:09	1.08	0	0.09
BC-BB-F3-16300-A0901	CONDUIT	13.22	0	11:59	7.48	1.3	1
BC-BB-F3-16300-A0901-16300-A0111AO	CHANNEL	30.5	0	12:08	0.94	0	0.06
BC-BB-F3-16300-A0901-A0801AO	CHANNEL	31.81	0	12:08	2.06	0	0.03
BC-BB-F3-16300-A1001	CONDUIT	11.66	0	12:32	6.6	1.71	1
BC-BB-F3-16300-A1002	CONDUIT	11.29	0	12:32	6.39	1.11	1
BC-BB-F3-16300-A1002-16300-A0111AO	CHANNEL	32.39	0	12:07	1.5	0	0.04
BC-BB-F3-16300-A1101	CONDUIT	10.78	0	11:59	6.33	1.09	1
BC-BB-F3-16300-A1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1201	CONDUIT	9.28	0	11:59	5.25	1.05	1
BC-BB-F3-16300-A1201-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1301	CONDUIT	10.91	0	11:59	6.17	1.02	1
BC-BB-F3-16300-A1301-16300-A1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1401	CONDUIT	10.03	0	11:59	5.67	1.14	1
BC-BB-F3-16300-A1401-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-A1501	CONDUIT	2.46	0	11:59	3.12	0.39	1
BC-BB-F3-16300-A1501-16300-A0206AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601	CONDUIT	10.24	0	12:00	5.79	1.33	1
BC-BB-F3-16300-A1601-16271AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1601-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-A1701	CONDUIT	4.39	0	12:06	2.49	0.59	1
BC-BB-F3-16300-A1702	CONDUIT	4.4	0	12:06	2.49	0.57	1
BC-BB-F3-16300-A1702-16300-A1002AO	CHANNEL	15.17	0	12:07	1.55	0	0.02
BC-BB-F3-16300-B0102	CONDUIT	76.49	0	12:01	7	0.49	1
BC-BB-F3-16300-B0103	CONDUIT	76.48	0	12:01	7.36	0.52	1
BC-BB-F3-16300-B0104	CONDUIT	76.49	0	12:01	5.64	0.57	1
BC-BB-F3-16300-B0105	CONDUIT	43.58	0	12:01	4.53	0.59	1
BC-BB-F3-16300-B0106	CONDUIT	43.58	0	12:01	6.28	0.58	1
BC-BB-F3-16300-B0107	CONDUIT	43.58	0	12:01	5.02	0.58	1
BC-BB-F3-16300-B0108	CONDUIT	43.57	0	12:01	4.53	0.61	1
BC-BB-F3-16300-B0109	CONDUIT	43.58	0	12:01	6.16	0.69	1
BC-BB-F3-16300-B0110	CONDUIT	39.42	0	12:00	5.58	0.73	1
BC-BB-F3-16300-B0111	CONDUIT	33.8	0	12:00	4.78	0.74	1
BC-BB-F3-16300-B0112	CONDUIT	29.92	0	11:59	6.1	0.83	1
BC-BB-F3-16300-B0113	CONDUIT	34.34	0	12:00	10.93	1.23	1
BC-BB-F3-16300-B0114	CONDUIT	21.85	0	11:59	6.96	1.12	1
BC-BB-F3-16300-B0115	CONDUIT	12.94	0	11:59	7.33	1.16	1
BC-BB-F3-16300-B0116	CONDUIT	12.95	0	11:59	7.33	1.13	1
BC-BB-F3-16300-B0116-16300-A801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0116-16300-B0901AO	CHANNEL	21.47	0	12:00	1.55	0	0.1
BC-BB-F3-16300-B0116-A1702AO	CHANNEL	19.06	0	12:07	1.05	0	0.04
BC-BB-F3-16300-B0201	CONDUIT	36.31	0	12:01	5.72	0.48	1
BC-BB-F3-16300-B0202	CONDUIT	36.31	0	12:01	4.81	0.42	1
BC-BB-F3-16300-B0203	CONDUIT	36.31	0	12:01	4.13	0.22	1
BC-BB-F3-16300-B0204	CONDUIT	32.24	0	12:02	7.62	0.46	1
BC-BB-F3-16300-B0205	CONDUIT	32.9	0	11:59	5.8	0.54	1
BC-BB-F3-16300-B0206	CONDUIT	26.96	0	11:59	4.38	0.51	1
BC-BB-F3-16300-B0207	CONDUIT	20.96	0	12:01	4.53	0.48	1
BC-BB-F3-16300-B0208	CONDUIT	13.82	0	12:01	3.55	0.4	1
BC-BB-F3-16300-B0209	CONDUIT	14.5	0	11:59	5.83	0.58	1
BC-BB-F3-16300-B0210	CONDUIT	7.32	0	12:00	3.09	0.41	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16300-B0211	CONDUIT	7.32	0	12:00	8.03	0.1	1
BC-BB-F3-16300-B0211-A0209AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0301-16300-B1001AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401	CONDUIT	8.95	0	12:00	16.38	0.18	1
BC-BB-F3-16300-B0401-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0401-16300-B0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501	CONDUIT	8.81	0	12:00	17.68	0.15	1
BC-BB-F3-16300-B0501-16300-A0401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0501-16300-B0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0601	CONDUIT	4.36	0	12:00	14.26	0.09	1
BC-BB-F3-16300-B0601-16300-A0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801	CONDUIT	16.25	0	12:00	9.2	1.4	1
BC-BB-F3-16300-B0801-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B0801-16300-B0901AO	CHANNEL	8.17	0	12:01	0.61	0	0.09
BC-BB-F3-16300-B0901	CONDUIT	13.46	0	11:59	7.62	1.17	1
BC-BB-F3-16300-B0901-16300-A0701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101	CONDUIT	7.86	0	12:01	16.53	0.15	1
BC-BB-F3-16300-B1101-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1101-16300-B1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201	CONDUIT	8.41	0	12:01	16.92	0.16	1
BC-BB-F3-16300-B1201-16300-A1201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1201-16300-B1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301	CONDUIT	8.36	0	12:01	15.67	0.18	1
BC-BB-F3-16300-B1301-16300-A1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1301-16300-B1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501	CONDUIT	8.62	0	12:00	16.9	0.17	1
BC-BB-F3-16300-B1501-16300-A1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16300-B1501-16300-B0211AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16302	CONDUIT	385.68	0	11:57	4.91	0.43	1
BC-BB-F3-16304	CONDUIT	385.77	0	11:57	4.91	0.43	1
BC-BB-F3-16306	CONDUIT	381.71	0	11:57	4.86	0.42	1
BC-BB-F3-16308	CONDUIT	401.95	0	11:57	5.13	0.44	1
BC-BB-F3-16310S	CONDUIT	399.5	0	11:56	5.45	0.44	1
BC-BB-F3-16320-0102	CONDUIT	35.37	0	11:55	8.9	0.88	1
BC-BB-F3-16320-0103	CONDUIT	27.9	0	11:55	8.88	1.09	1
BC-BB-F3-16320-0104	CONDUIT	18.92	0	11:54	7.11	0.75	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16320-0105	CONDUIT	19.87	0	11:54	8.24	0.67	1
BC-BB-F3-16320-0106	CONDUIT	13.84	0	11:55	6.46	0.64	1
BC-BB-F3-16320-0107	CONDUIT	10.24	0	12:00	4.4	0.65	1
BC-BB-F3-16320-0108	CONDUIT	11.7	0	12:01	4.86	0.75	1
BC-BB-F3-16320-0109	CONDUIT	11.7	0	12:01	4.87	0.72	1
BC-BB-F3-16320-0109-16320-0701AO	CHANNEL	0.18	0	12:09	0.06	0	0.01
BC-BB-F3-16320-0201	CONDUIT	9.96	0	11:59	8.97	0.24	1
BC-BB-F3-16320-0201-16300-A0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0301	CONDUIT	13.64	0	12:00	16.68	0.26	1
BC-BB-F3-16320-0301-16320-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0401	CONDUIT	9.94	0	12:03	6.24	0.57	1
BC-BB-F3-16320-0402	CONDUIT	9.94	0	12:03	5.62	0.57	1
BC-BB-F3-16320-0403	CONDUIT	3.74	0	11:58	7.36	0.21	1
BC-BB-F3-16320-0404	CONDUIT	2.23	0	11:59	4.82	0.13	1
BC-BB-F3-16320-0404-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0501	CONDUIT	2.26	0	11:58	8.94	0.05	1
BC-BB-F3-16320-0501-16320-0301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0601	CONDUIT	10.63	0	12:00	8.71	0.28	1
BC-BB-F3-16320-0601-16320-0501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0701	CONDUIT	15.61	0	12:00	9.57	0.66	1
BC-BB-F3-16320-0701-16320-0601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16320-0801	CONDUIT	2.27	0	11:59	4.45	0.13	1
BC-BB-F3-16320-0802	CONDUIT	2.08	0	12:00	6.05	0.12	1
BC-BB-F3-16320-0803	CONDUIT	2.01	0	12:00	6	0.11	1
BC-BB-F3-16320-0803-16330-1402AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0102	CONDUIT	66.86	0	12:39	5.75	0.36	1
BC-BB-F3-16330-0103	CONDUIT	72.59	0	11:55	8.77	0.37	1
BC-BB-F3-16330-0104	CONDUIT	106.9	0	11:59	8.67	0.74	1
BC-BB-F3-16330-0105	CONDUIT	83.99	0	11:59	7.3	1.89	1
BC-BB-F3-16330-0106	CONDUIT	61.51	0	11:59	4.89	1.06	1
BC-BB-F3-16330-0201	CONDUIT	27.88	0	11:59	10.39	0.66	1
BC-BB-F3-16330-0202	CONDUIT	27.88	0	11:59	8.88	2.38	1
BC-BB-F3-16330-0203	CONDUIT	27.88	0	11:59	8.88	1.48	1
BC-BB-F3-16330-0204	CONDUIT	15.8	0	11:57	5.03	0.84	1
BC-BB-F3-16330-0205	CONDUIT	15.8	0	11:57	5.03	0.83	1
BC-BB-F3-16330-0206	CONDUIT	10.19	0	12:46	3.24	0.54	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16330-0207	CONDUIT	9.12	0	12:48	2.9	0.48	1
BC-BB-F3-16330-0208	CONDUIT	8.52	0	12:49	4.82	0.51	1
BC-BB-F3-16330-0209	CONDUIT	8.55	0	11:58	4.84	0.97	1
BC-BB-F3-16330-0210	CONDUIT	5.79	0	11:58	3.28	0.65	1
BC-BB-F3-16330-0211	CONDUIT	3.03	0	12:18	2.17	0.3	1
BC-BB-F3-16330-0211-16320-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0211-16330-1101AO	CHANNEL	22.01	0	12:02	0.41	0	0.8
BC-BB-F3-16330-0301	CONDUIT	27.8	0	12:00	11.56	1.24	1
BC-BB-F3-16330-0301-16330-0603AO	CHANNEL	2.47	0	12:06	0.32	0	0.02
BC-BB-F3-16330-0401	CONDUIT	66.36	0	12:00	9.39	0.73	1
BC-BB-F3-16330-0601	CONDUIT	13.34	0	11:59	7.55	0.84	1
BC-BB-F3-16330-0602	CONDUIT	12.8	0	11:59	7.25	1.01	1
BC-BB-F3-16330-0602-16330-0701AO	CHANNEL	7.08	0	12:05	1.16	0	0.01
BC-BB-F3-16330-0603	CONDUIT	1.54	0	12:16	0.87	0.23	1
BC-BB-F3-16330-0603-16330-0602AO	CHANNEL	3.46	0	12:06	0.34	0	0.02
BC-BB-F3-16330-0701	CONDUIT	12.12	0	11:57	6.86	1.4	1
BC-BB-F3-16330-0701-16300-B0116AO	CHANNEL	18.42	0	12:05	1.67	0	0.03
BC-BB-F3-16330-0801	CONDUIT	8.4	0	11:56	10.7	0.37	1
BC-BB-F3-16330-0801-16330-0701AO	CHANNEL	8.3	0	12:00	1.24	0	0.02
BC-BB-F3-16330-0801-16330-0901AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-0901	CONDUIT	5.23	0	11:58	4.89	0.48	1
BC-BB-F3-16330-0901-16300-A1002AO	CHANNEL	3.63	0	12:07	0.88	0	0.01
BC-BB-F3-16330-1001	CONDUIT	2.16	0	12:00	2.75	0.45	1
BC-BB-F3-16330-1001-16300-A1002AO	CHANNEL	0.27	0	12:05	0.29	0	0
BC-BB-F3-16330-1101	CONDUIT	2.77	0	11:57	4.44	0.57	1
BC-BB-F3-16330-1101-16300-A1002AO	CHANNEL	26.88	0	12:02	1.13	0	0.18
BC-BB-F3-16330-1201	CONDUIT	5.29	0	12:02	4.95	1.2	1
BC-BB-F3-16330-1202	CONDUIT	3.77	0	12:01	5.4	0.8	1
BC-BB-F3-16330-1202-16320-0201AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1202-16320-0301AO	CHANNEL	0.77	0	12:13	0.15	0	0.01
BC-BB-F3-16330-1301	CONDUIT	1.12	0	11:59	1.08	0.16	1
BC-BB-F3-16330-1302	CONDUIT	1.12	0	11:59	1.51	0.45	1
BC-BB-F3-16330-1302-16300-B0116AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16330-1401	CONDUIT	0.75	0	11:57	1.16	1	1
BC-BB-F3-16330-1402	CONDUIT	1.04	0	11:56	3.12	0.27	1
BC-BB-F3-16330-1402-16320-0301AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16330S	CONDUIT	370.52	0	11:57	5.7	0.05	1
BC-BB-F3-16500-16310AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16500S	CONDUIT	388.43	0	11:57	7.27	0.57	1
BC-BB-F3-16503-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16503S	CONDUIT	25.32	0	12:02	3.14	0.17	1
BC-BB-F3-16507-16503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16507A	CONDUIT	32.08	0	11:58	7.54	0.3	1
BC-BB-F3-16510-16507AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16510A	CONDUIT	37.12	0	12:00	6.48	0.53	1
BC-BB-F3-16550-16320-0109AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16550S	CONDUIT	251	0	11:56	5.59	0.37	1
BC-BB-F3-16600S	CONDUIT	308.78	0	11:58	9.02	0.61	1
BC-BB-F3-16605S	CONDUIT	138.07	0	12:23	3.78	0.28	1
BC-BB-F3-16609S	CONDUIT	117.27	0	12:24	4.72	0.24	1
BC-BB-F3-16612S	CONDUIT	117.3	0	12:24	4.88	0.24	1
BC-BB-F3-16615-16510AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16618S	CONDUIT	141.66	0	11:59	7.18	0.39	1
BC-BB-F3-16621S	CONDUIT	54.73	0	12:03	4.36	0.29	1
BC-BB-F3-16624S	CONDUIT	54.73	0	12:03	5.14	0.23	1
BC-BB-F3-16627S	CONDUIT	30.42	0	12:03	4.26	0.79	1
BC-BB-F3-16630S	CONDUIT	13.73	0	12:00	4.66	0.57	1
BC-BB-F3-16640A	CONDUIT	57.08	0	12:00	9.09	0.4	1
BC-BB-F3-16645A	CONDUIT	58.63	0	12:00	8.94	0.59	1
BC-BB-F3-16650A	CONDUIT	59.6	0	12:00	8.92	0.91	1
BC-BB-F3-16665-16550AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16665S	CONDUIT	63.58	0	11:59	8.91	0.88	1
BC-BB-F3-16670-16665AO	CHANNEL	9.18	0	12:05	1.28	0	0.02
BC-BB-F3-16670S	CONDUIT	70.13	0	12:00	9.95	1.74	1
BC-BB-F3-16690S	CONDUIT	56	0	12:01	8.21	1.19	1
BC-BB-F3-16690-T-A-13960AO	CHANNEL	29.45	0	12:00	2.08	0.01	0.05
BC-BB-F3-16695S	CONDUIT	148.47	0	12:01	9.59	1.4	1
BC-BB-F3-16700S	CONDUIT	149.32	0	12:01	15.52	2.78	1
BC-BB-F3-16780-16695AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16780A	CONDUIT	57.46	0	12:01	6.93	0.78	1
BC-BB-F3-16790-16670AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16790-19050AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-16790A	CONDUIT	66.45	0	12:00	9.4	1.12	1
BC-BB-F3-16790-T-A-16780AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995-16000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-16995S	CONDUIT	497	0	12:22	7.1	0.52	1
BC-BB-F3-17000_S	CONDUIT	236.82	0	12:00	25.59	0.84	1
BC-BB-F3-17000-16995AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050-17000AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17050S	CONDUIT	67.4	0	11:55	7.29	1	1
BC-BB-F3-17110-0102	CONDUIT	22.41	0	12:01	11.05	0.07	1
BC-BB-F3-17110-0103	CONDUIT	22.42	0	12:01	8.57	0.16	1
C861	CONDUIT	22.4	0	12:01	6.85	0.16	1
BC-BB-F3-17300-0102	CONDUIT	152.04	0	12:02	6.07	0.32	1
BC-BB-F3-17900S	CONDUIT	398.1	0	12:28	6.4	0.45	1
BC-BB-F3-17905S	CONDUIT	396.75	0	12:14	8.24	0.45	1
BC-BB-F3-179073-16105AO	CHANNEL	25.47	0	12:06	1.9	0	0.03
BC-BB-F3-17907A	CONDUIT	26.44	0	12:00	5.39	0.91	1
BC-BB-F3-17910S	CONDUIT	424.87	0	12:01	7.6	0.49	1
BC-BB-F3-18000-17050AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-18000S	CONDUIT	72.76	0	11:55	10.32	2	1
BC-BB-F3-18100-0102	CONDUIT	115.7	0	12:14	7.94	0.2	1
BC-BB-F3-18890S	CONDUIT	529.51	0	12:02	8.2	0.61	1
BC-BB-F3-18891	CONDUIT	413.38	0	12:02	6.12	0.47	1
BC-BB-F3-18892	CONDUIT	32.37	0	12:01	18.32	1.24	1
BC-BB-F3-18894	CONDUIT	393.83	0	12:02	5.49	0.45	1
BC-BB-F3-18895	CONDUIT	3.56	0	12:08	2.41	0.08	1
BC-BB-F3-18897	CONDUIT	411.9	0	12:02	5.59	0.47	1
BC-BB-F3-18898	CONDUIT	1.88	0	12:11	1.54	0.04	1
BC-BB-F3-18900	CONDUIT	426.07	0	12:03	5.62	0.49	1
BC-BB-F3-18902	CONDUIT	327.01	0	12:03	4.22	0.37	1
BC-BB-F3-18903	CONDUIT	2.14	0	12:10	1.63	0.05	1
BC-BB-F3-18905	CONDUIT	335.65	0	12:03	4.31	0.38	1
BC-BB-F3-18906	CONDUIT	24.73	0	12:00	20.3	0.57	1
BC-BB-F3-18908	CONDUIT	325.27	0	12:03	4.17	0.37	1
BC-BB-F3-18909	CONDUIT	24.65	0	12:03	15.56	0.8	1
BC-BB-F3-18911	CONDUIT	315.22	0	12:03	4.08	0.36	1
BC-BB-F3-18912	CONDUIT	7.01	0	12:04	9.45	0.31	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-18914	CONDUIT	324.3	0	12:03	4.41	0.37	1
BC-BB-F3-18915	CONDUIT	12.74	0	12:01	7.95	0.84	1
BC-BB-F3-18946	CONDUIT	321.08	0	12:03	4.36	0.37	1
BC-BB-F3-18948	CONDUIT	383.87	0	12:03	5.45	0.44	1
BC-BB-F3-18950S	CONDUIT	375.74	0	12:03	5.91	0.43	1
BC-BB-F3-19000A	CONDUIT	143.76	0	12:02	15.49	0.19	1
BC-BB-F3-19050S	CONDUIT	313.8	0	12:04	5.32	0.32	1
BC-BB-F3-19060S	CONDUIT	352.06	0	12:05	9.97	0.92	1
BC-BB-F3-19080S	CONDUIT	310.67	0	12:03	8.48	0.81	0.97
BC-BB-F3-19095S	CONDUIT	139.76	0	12:04	4.69	0.36	0.83
BC-BB-F3-19100S	CONDUIT	149.07	0	12:01	7.87	0.49	0.79
BC-BB-F3-19110S	CONDUIT	53.49	0	12:00	5.4	0.5	0.77
BC-BB-F3-19112S	CONDUIT	24.98	0	12:00	5.55	0.69	0.61
BC-BB-F3-19120S	CONDUIT	19.19	0	12:00	5.63	0.31	0.58
BC-BB-F3-19150S	CONDUIT	81.29	0	12:01	4.78	0.7	0.88
BC-BB-F3-19200S	CONDUIT	82.52	0	12:01	5.35	0.93	0.98
BC-BB-F3-19250S	CONDUIT	19.69	0	12:02	1.72	0.26	0.96
BC-BB-F3-19300S	CONDUIT	20.39	0	12:00	2.83	0.45	1
BC-BB-F3-20000S	CONDUIT	196.99	0	12:00	6.49	0.62	0.96
BC-BB-F3-20010S	CONDUIT	37.11	0	12:01	2.33	0.43	1
BC-BB-F3-20020S	CONDUIT	37.48	0	12:01	2.64	0.49	1
BC-BB-F3-20030S	CONDUIT	70.8	0	12:00	4.04	0.38	0.95
BC-BB-F3-20100S	CONDUIT	43.93	0	12:00	4.57	1.02	1
BC-BB-F3-20200S	CONDUIT	10.64	0	12:00	2.28	0.23	1
BC-BB-F3-21000S	CONDUIT	73.84	0	12:00	6.64	0.68	0.88
BC-BB-F3-21050S	CONDUIT	32.14	0	12:01	3.12	0.4	0.9
BC-BB-F3-21075S	CONDUIT	32.71	0	12:01	4.73	0.59	0.83
BC-BB-F3-21100S	CONDUIT	36.78	0	12:00	6.2	1	0.8
C0102	CONDUIT	21.2	0	12:00	6.75	1.21	1
C0204	CONDUIT	19.07	0	12:05	2.96	0.37	1
C0304	CONDUIT	10.5	0	12:03	3.34	0.6	1
C0406	CONDUIT	27.73	0	12:05	3.92	0.54	1
C0506	CONDUIT	22.62	0	12:05	4.61	0.71	1
C0608	CONDUIT	48.53	0	12:05	6.87	0.95	1
C0708	CONDUIT	16.22	0	12:00	5.16	0.93	1
C0810	CONDUIT	62.19	0	12:05	6.46	0.8	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
C0910	CONDUIT	12.49	0	12:00	3.98	0.71	1
C1012	CONDUIT	72	0	12:05	7.48	0.92	1
C1112	CONDUIT	8.9	0	12:00	2.83	0.51	1
C1214	CONDUIT	78.5	0	12:06	6.25	0.71	1
C1314	CONDUIT	5.67	0	12:03	1.8	0.32	1
C1416	CONDUIT	82.59	0	12:06	6.57	0.73	1
C1516	CONDUIT	24.07	0	12:03	4.9	0.76	1
C1617	CONDUIT	104.27	0	12:05	8.3	0.94	1
C1719	CONDUIT	106.26	0	12:05	5.41	0.53	1
C1819	CONDUIT	9.78	0	12:00	3.11	0.55	1
C1921	CONDUIT	113.29	0	12:05	5.77	0.56	1
C2021	CONDUIT	54.6	0	12:00	11.12	1.72	1
C2123	CONDUIT	161.13	0	12:05	8.21	0.8	1
C2223	CONDUIT	24.31	0	12:00	7.74	1.39	1
C2324	CONDUIT	182.01	0	12:04	9.27	0.9	1
C2426	CONDUIT	180.05	0	12:04	7.58	0.7	1
C2526	CONDUIT	19.95	0	12:06	6.35	1.05	1
C2627	CONDUIT	187.62	0	12:04	7.9	0.72	1
C2728	CONDUIT	186.25	0	12:04	7.84	0.72	1
C2830	CONDUIT	89.07	0	12:16	18.14	3.73	1
C2930	CONDUIT	26.38	0	12:00	5.37	0.83	1
C3033	CONDUIT	123.53	0	12:03	10.53	0.38	1
C3132	CONDUIT	24.88	0	12:00	7.92	1.42	1
C3230	CONDUIT	24.7	0	12:00	2.55	0.22	1
C3536	CONDUIT	17.49	0	12:00	5.57	1	1
C3638	CONDUIT	18.31	0	12:04	1.46	0.16	1
C3738	CONDUIT	22.69	0	12:00	7.22	1.3	1
C3840	CONDUIT	40.77	0	12:03	4.91	0.13	1
C4065	CONDUIT	41.65	0	12:03	3.46	0.06	1
C4142	CONDUIT	6.1	0	12:03	4.16	0.92	1
BC-BB-F3-17110-0128	CONDUIT	6.1	0	12:03	3.88	0.31	1
C4344	CONDUIT	5.02	0	12:04	2.84	0.76	1
BC-BB-F3-17110-0126	CONDUIT	11.07	0	12:03	3.52	0.77	1
C4546	CONDUIT	5.16	0	12:04	2.92	0.77	1
BC-BB-F3-17110-0124	CONDUIT	16.21	0	12:04	4.08	0.84	1
BC-BB-F3-17110-0122	CONDUIT	16.25	0	12:04	3.31	0.64	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
C4849	CONDUIT	4.89	0	12:04	2.77	0.75	1
C4951	CONDUIT	21.09	0	12:03	4.3	0.81	1
C5051	CONDUIT	9.89	0	12:04	5.6	1.49	1
BC-BB-F3-17110-0120	CONDUIT	30.94	0	12:04	6.3	1.2	1
C5253	CONDUIT	7.95	0	12:01	4.5	1.2	1
C5355	CONDUIT	38.63	0	12:04	5.46	0.91	1
C5455	CONDUIT	8.37	0	12:01	4.74	1.26	1
C5557	CONDUIT	46.74	0	12:03	6.72	0.96	1
C5657	CONDUIT	6.65	0	12:01	3.76	0.99	1
C5758	CONDUIT	53.01	0	12:03	8.54	0.62	1
C5958	CONDUIT	2.26	0	12:35	1.61	0.2	1
C6062	CONDUIT	21.92	0	12:04	4.47	0.69	1
C6162	CONDUIT	14.16	0	12:00	5.27	0.8	0.8
C6264	CONDUIT	74.46	0	12:03	10.53	1.06	1
C6364	CONDUIT	12.48	0	12:06	7.22	1.53	0.94
C6466	CONDUIT	93.48	0	12:03	7.44	0.73	1
PP-17	CONDUIT	8.04	0	12:00	4.68	0.46	0.54
C6668	CONDUIT	118.38	0	12:03	7.44	0.78	1
C6665	CONDUIT	117.72	0	12:03	8.74	0.76	1
C9100	CONDUIT	77.13	0	12:03	0.24	0	0.5
C9200	CONDUIT	51.72	0	12:04	0.16	0	0.5
C9300	CONDUIT	0	0	0:00	0	0	0.5
C9400	CONDUIT	0	0	0:00	0	0	0.5
C9600	CONDUIT	109.42	0	12:24	0.25	0	0.83
C9700	CONDUIT	6.03	0	12:00	0.03	0	0.69
C9900	CONDUIT	0	0	0:00	0	0	0.5
C9910	CONDUIT	0	0	0:00	0	0	0.5
BC-BB-F3-18100-0101	CONDUIT	115.73	0	12:14	8.56	0.2	1
BC-BB-F3-17110-0127	CONDUIT	6.11	0	12:06	1.95	0.4	1
BC-BB-F3-17110-0125	CONDUIT	11.12	0	12:03	2.8	0.52	1
BC-BB-F3-17110-0123	CONDUIT	16.22	0	12:03	4.08	0.81	1
BC-BB-F3-17110-0119	CONDUIT	30.94	0	12:04	4.38	2.75	1
BC-BB-F3-18100-0104	CONDUIT	115.71	0	12:14	14.55	0.2	1
BC-BB-F3-17300-0101	CONDUIT	148.35	0	12:02	6.33	0.24	1
C9920	CONDUIT	29.46	0	12:01	0.09	0	0.81
BC-BB-F3-17110-1101-17110-1201AO	CHANNEL	0	0	0:00	0	0	0

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
BC-BB-F3-17110-1201-17110-1301AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1301-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1401-17110-1501AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1501-17110-1601AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1601-17110-1701AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1701-17110-1801AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1801-17110-0129AO	CHANNEL	0	0	0:00	0	0	0
C7360	CONDUIT	3.84	0	12:00	3.76	0.49	0.56
PP-44	CONDUIT	21	0	12:03	4.28	0.71	1
C7164	CONDUIT	13.97	0	12:00	5.45	0.8	0.76
C7262	CONDUIT	7.32	0	12:00	4.63	0.92	0.84
C8182	CONDUIT	3.95	0	12:00	4.25	0.21	1
C8283	CONDUIT	12.64	0	11:58	3.93	0.4	1
C8360	CONDUIT	19.18	0	12:04	4.32	0.6	1
C7981	CONDUIT	1.98	0	12:00	3.22	0.25	0.51
C7881	CONDUIT	1.98	0	12:00	3.22	0.25	0.51
C7782	CONDUIT	5.04	0	12:00	4.04	0.67	0.66
C7682	CONDUIT	5.94	0	12:00	4.29	0.75	0.73
C7583	CONDUIT	5.7	0	12:00	4.22	0.73	0.71
C7483	CONDUIT	3.38	0	12:00	3.68	0.42	0.51
BC-BB-F3-17110-1505	CONDUIT	1.86	0	12:22	2.86	0.25	1
BC-BB-F3-17110-1505-17110-1503AO	CHANNEL	0	0	0:00	0	0	0
BC-BB-F3-17110-1503	CONDUIT	7.54	0	12:20	4.27	1.14	1
BC-BB-F3-17110-1503-17110-1401AO	CHANNEL	0	0	0:00	0	0	0
C8486	CONDUIT	11.85	0	12:00	6.11	0.53	0.59
C8586	CONDUIT	7.78	0	12:01	5.98	0.12	0.25
C8784	CONDUIT	6.13	0	12:00	3.81	0.58	0.86
C8884	CONDUIT	5.73	0	12:00	3.59	0.53	0.85
C8985	CONDUIT	5.14	0	12:00	5.02	0.47	0.56
C9085	CONDUIT	2.66	0	12:00	3.42	0.26	0.46
C172	CONDUIT	50.31	0	12:53	10.25	1.21	1
C177	CONDUIT	41.33	0	13:00	13.15	1.83	1
C179	CONDUIT	98.52	0	12:14	5.44	0.38	1
C180	CONDUIT	104.42	0	12:14	5.81	0.4	1
C181	CONDUIT	107.7	0	12:14	6.55	0.41	1
C182	CONDUIT	16.31	0	12:00	5.19	0.81	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
C183	CONDUIT	13.57	0	12:04	4.32	0.72	1
C184	CONDUIT	4.07	0	12:02	1.29	0.23	1
C185	CONDUIT	10.79	0	12:00	3.44	0.62	1
C186	CONDUIT	8.13	0	12:02	2.59	0.46	1
C187	CONDUIT	7.95	0	12:05	2.53	0.45	1
BC-BB-F3-17110-1105	CONDUIT	0	0	0:00	0	0	0
BC-BB-F3-17110-1103	CONDUIT	2.43	0	12:05	1.43	0.37	1
BC-BB-F3-17110-1105-17110-1103AO	CHANNEL	0	0	0:00	0	0	0
C190	CONDUIT	54.21	0	12:03	10.72	0.61	1
C191	CONDUIT	97.02	0	12:03	6.18	0.37	1
C192	CONDUIT	4.54	0	12:00	4.21	0.43	1
C193	CONDUIT	2.52	0	11:59	1.39	0.11	1
C194	CONDUIT	3.06	0	11:59	1.31	0.14	1
C195	CONDUIT	6.91	0	12:09	2.74	0.16	1
C196	CONDUIT	13.84	0	12:03	3.08	0.33	1
C197	CONDUIT	25.35	0	12:02	5.17	0.61	1
C198	CONDUIT	3.17	0	12:05	1.35	0.15	1
C199	CONDUIT	7.74	0	12:02	2.46	0.19	1
C200	CONDUIT	7.36	0	12:02	4.31	0.12	1
C201	CONDUIT	7.8	0	12:02	3.88	0.18	1
C202	CONDUIT	10.83	0	12:03	2.21	0.41	1
C203	CONDUIT	18.15	0	12:03	2.57	0.42	1
C204	CONDUIT	25.91	0	12:03	3.67	0.65	1
C205	CONDUIT	51.26	0	12:03	7.25	1.26	1
C206	CONDUIT	51.26	0	12:03	7.25	1.26	1
C207	CONDUIT	51.25	0	12:03	7.73	1.23	0.89
C208	CONDUIT	50.86	0	12:03	9.55	0.29	0.74
C209	CONDUIT	8.38	0	12:00	2.67	0.26	1
C210	CONDUIT	34.48	0	11:56	4.88	0.36	1
C211	CONDUIT	66.35	0	12:00	9.39	0.7	1
C212	CONDUIT	34.19	0	12:00	10.88	1.53	1
C213	CONDUIT	29.17	0	11:56	9.29	1.15	1
C214	CONDUIT	11.64	0	12:01	3.7	0.52	1
C215	CONDUIT	8.27	0	12:02	8.36	0.09	1
C216	CONDUIT	6.27	0	12:00	4.47	0.28	1
PP-43	CONDUIT	5.56	0	12:00	1.77	0.25	1

Link	Type	Maximum Flow CFS	Day of Maximum Flow	Hour of Maximum Flow	Maximum Velocity ft/sec	Max / Full Flow	Max / Full Depth
PP-45	CONDUIT	20.85	0	12:03	4.25	0.7	1

Appendix E

Annotated FIRM

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Texas State Plane north central zone (FIPZONE 4202). The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of the FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov/> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was provided in digital format by NCTCOG. This information was digitized at a scale of at least 1:12,000 from aerial photography dated 2003.

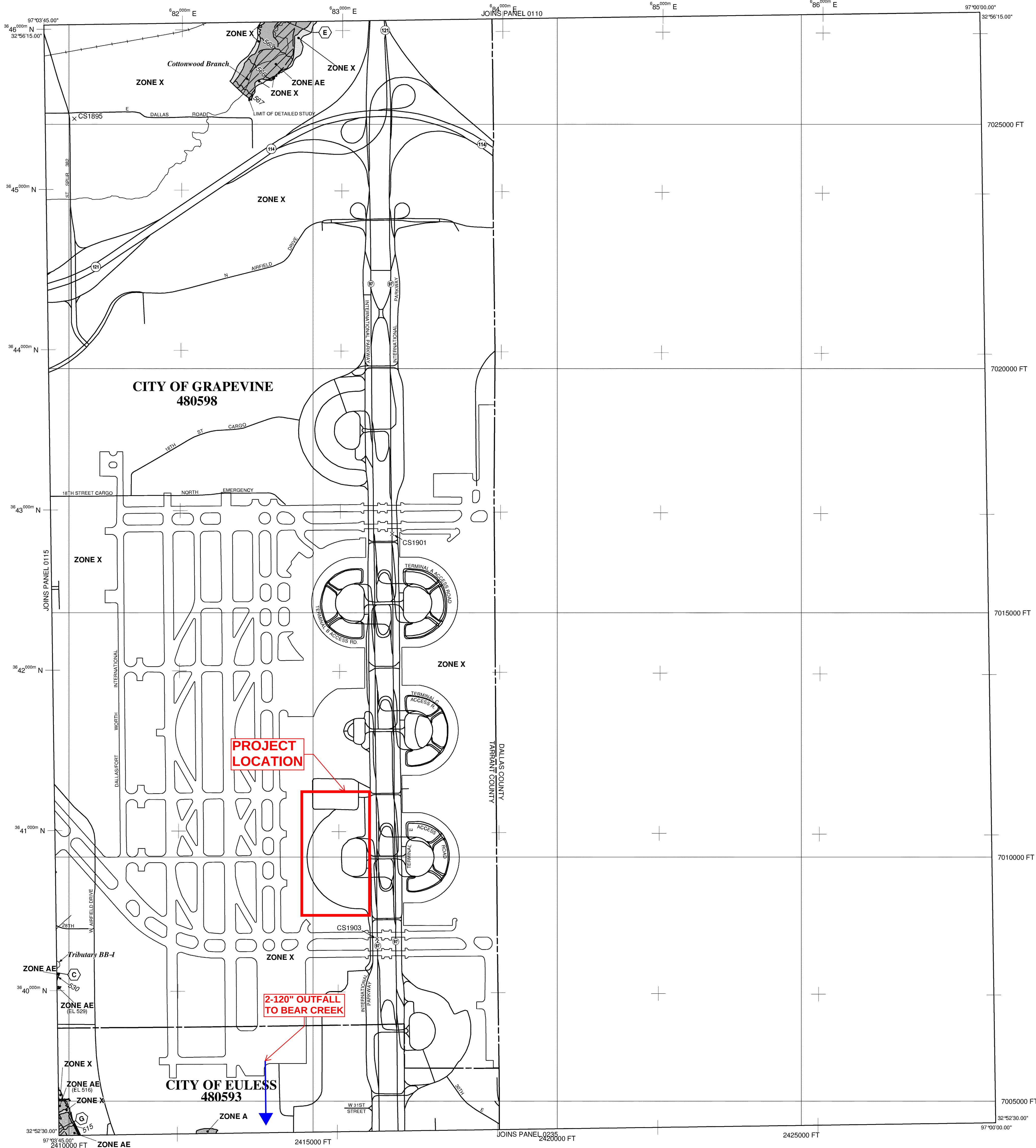
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the *Flood Insurance Study report* (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a *Flood Insurance Study report*, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equalled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently deteriorated. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
- ZONE D** Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

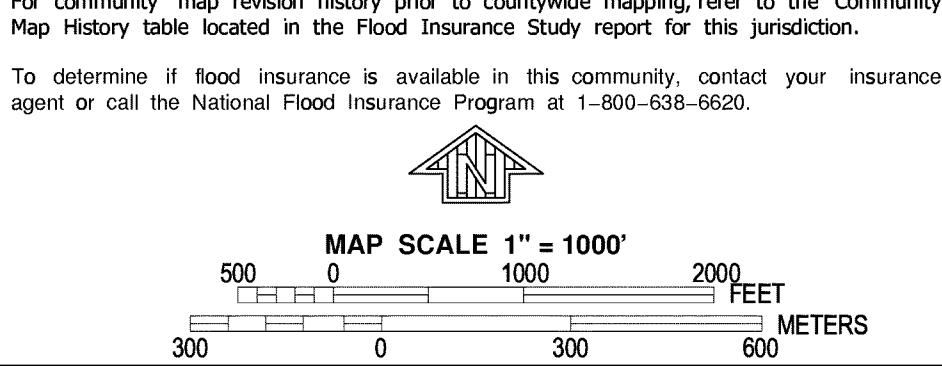
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- Floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet*
(EL 987)
- Base Flood Elevation value where uniform within zone; elevation in feet*
- * Referenced to the North American Vertical Datum of 1988 (NAVD 88)
- Transsect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
97°07'30", 32°22'30"
- 1000-meter Universal Transverse Mercator grid ticks, zone 14
42°50'00"N
- 5000-foot grid values: Texas State Plane coordinate system, north central zone (FIPZONE 4202), Lambert Conformal Conic
- 6000000 FT
- DX5510
X
- M1.5
- River Mile

- MAP REPOSITORIES**
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**
January 6, 1993
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**
August 02, 1995
August 23, 2000
- September 25, 2009 - to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0120K

FIRM

FLOOD INSURANCE RATE MAP

TARRANT COUNTY,

TEXAS

AND INCORPORATED AREAS

PANEL 120 OF 495

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EULESS, CITY OF	480693	0120	K
GRAPEVINE, CITY OF	480598	0120	K

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER

48439C0120K

MAP REVISED

SEPTEMBER 25, 2009

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction, and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was Texas State Plane, Zone North Central (FIPS 4202). The **horizontal datum** was NAD83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <https://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA/NINGS12
National Geodetic Survey, SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit their website at <https://www.ngs.noaa.gov/>.

Base map information shown on this FIRM was derived from multiple sources. This information was compiled from the U.S. Geological Survey, 1989, National Geodetic Survey, 2004, FEMA existing DFIRM data, 2009, and the North Central Texas Council of Governments, 2007 and 2010.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **FEMA Map Service Center** (MSC) website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <https://www.fema.gov/national-flood-insurance-program>.

1. OAKRIDGE CT
2. WOODRUM CT
3. ROYAL OAK CT
4. WOOD FOREST DR
5. HIGHLAND TRAIL
6. CENTERPOINT LANDING CIR
7. REGGIS CT

TARRANT COUNTY
UNINCORPORATED AREAS
480582

CITY OF ARLINGTON
485454
Unnamed Tributary West
Fork Trinity River

CITY OF
GRAND PRARIE
485472

CITY OF
GRAND PRARIE
485472

LEGEND



SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A

No Base Flood Elevations determined.

ZONE AE

Base Flood Elevations determined.

ZONE AH

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR

Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99

Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.



FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

ZONE X

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



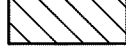
OTHER AREAS

ZONE X

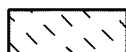
Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D

Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.

Base Flood Elevation line and value; elevation in feet*
(EL 987)

*Referenced to the North American Vertical Datum of 1988



Cross section line



Transect line

45° 02' 08", 93° 02' 12"
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

3100000 FT
5000-foot ticks: Texas State Plane North Central Zone (FIPS Zone 4202), Lambert Conformal Conic projection

48°58'00"N
1000-meter Universal Transverse Mercator grid values, zone 14

DX5510 X
Bench mark (see explanation in Notes to Users section of this FIRM panel)

M1.5
River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
January 6, 1993

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
August 12, 1995
August 23, 2000
September 25, 2009
March 21, 2019

*For reasons of revision see Notice to Flood Insurance Study Users page in the Flood Insurance Study report.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



MAP SCALE 1" = 1000'
500 0 1000 2000
300 0 300 600
FEET
METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0235L

FIRM

FLOOD INSURANCE RATE MAP

TARRANT COUNTY,

TEXAS

AND INCORPORATED AREAS

PANEL 235 OF 495

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ARLINGTON, CITY OF	485454	0235	L
EULESS, CITY OF	480593	0235	L
FORT WORTH, CITY OF	480596	0235	L
GRAND PRAIRIE, CITY OF	485472	0235	L
TARRANT COUNTY UNINCORPORATED AREAS	480582	0235	L

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



Federal Emergency Management Agency

MAP NUMBER

48439C0235L

MAP REVISED

MARCH 21, 2019

**Forward of Energy, Transportation, and Asset Management Drainage Analysis
Memorandum**