AMERICAN FORK CITY PLANNING COMMISSION
JUNE 16, 2021
REGULAR SESSION

Notice is hereby given that the American Fork City Planning Commission will meet in regular session on June 16, 2021, at the American Fork City Hall, 31 North Church Street, commencing at 7:00 p.m.

The agenda shall be as follows:

1. Pledge of Allegiance

2. Hearing, review and action on a zone map amendment for property located at approximately 361 East 980 North, from the RA-1 to the PR-3.0 zone

3. Hearing, review and action on an amended final plat for Dixie Farms Plat F-1 located at approximately 900 South 900 West in the PR-3.0 (Planned Residential) zone

4. Hearing, review and action on amendments to the General Plan by providing a recommendation on the 2021 Storm Drain Master Plan Update

5. Other Business

6. Site Plan Committee Report

7. Review and action on the minutes of the June 2, 2021 Planning Commission Regular Session

8. Adjournment

John H. Woffinden, P.G.
Planning Commission Chairman

The order of agenda items may change to accommodate the needs of the commission, city staff and the public

AMERICAN FORK CITY
PLANNING COMMISSION

MEETING DATE: June 16, 2021
STAFF PRESENTATION: Adam Olsen

AGENDA TOPIC: Hearing, review and action on a zone map amendment for property located at approximately 361 East 980 North, from the RA-1 (Residential Agriculture) zone to the PR-3.0 (Planned Residential) zone.

ACTION REQUESTED: Recommendation of approval for the zone map amendment.

BACKGROUND INFORMATION					
Location:		361 East 980 North			
Applicants:		Brookstone Investments, LP/Ken Berg			
Existing Land Use:		Residential Agriculture			
Proposed Land Use:		Residential			
Surrounding Land Use:	North	Fox Hollow Golf Course			
	South	Residential			
	East	Art Dye Park			
	West	Fox Hollow Golf Course			
Existing Zoning:		RA-1			
Proposed Zoning:		PR-3.0			
Surrounding Zoning:	North	PF (Public Facilities)			
	South	RA-1 & R1-9,000			
	East	PF (Public Facilities)			
	West	PF (Public Facilities)			
Land Use Plan Designation:		Residential Low Density (3 du/ac)			
Zoning within Land Use Plan Designation?		x	Yes		No

Background

The applicant proposes a zone map amendment for property located at 361 East 980 North from the RA-1 to the PR-3.0 zone. Upon approval of a zone map amendment, the applicants will propose a residential PUD (planned-unit development). Fox Hollow Golf Course abuts the property to the north and west, and Art Dye Park abuts the property to the east. The property has been in an agricultural use, and fronts 980 North. The City's Land Use Plan designates this area as "Residential Low Density" and the PR-3.0 zone falls within this designation.

The City's Bicycle and Pedestrian Master Plan identifies a trail corridor through a portion of the property, into Art Dye Park. As a condition of the zone map amendment, area for

this trail corridor shall be dedicated at no cost to the City, at the time of subdivision application. This allows for discussion of optimal placement and how it will interact with the proposed development.

POTENTIAL MOTIONS:

APPROVAL

Mr. Chairman, I move that we recommend approval of the zone map amendment, subject to the dedication of a trail corridor at no cost to the City at the time of subdivision application, and subject to any conditions listed in the Engineering report.

DENIAL

Mr. Chairman, I move that we recommend denial of the zone map amendment.

TABLE

Mr. Chairman, I move that we table action on the zone map amendment.

AMERICAN FORK CITY ENGINEERING DIVISION
STAFF REPORT

Planning Commission Meeting Date: 6/16/2021

This report is a summary of the American Fork City Engineering Division plan review comments regarding the subject plan as submitted by the applicant for American Fork City Land Use Authority approval:

Project Name: Bridges of Fox Hollow

Project Address: 361 East 980 North

Developer / Applicant's Name: Brookstone Investments, LP

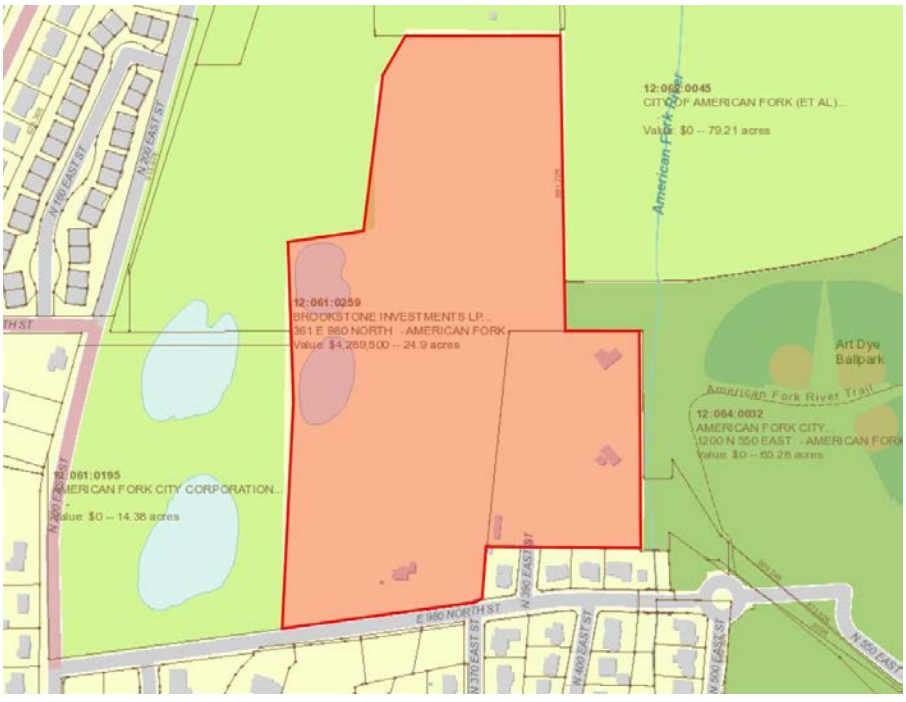
Type of Application:

- ☐ Subdivision Final Plat
- ☐ Subdivision Preliminary Plan
- ☐ Annexation
- ☐ Code Text Amendment
- ☐ General Plan Amendment
- ☒ Zone Map Amendment
- ☐ Commercial Site Plan
- ☐ Residential Accessory Structure Site Plan

Engineering Division Recommendation: The Engineering Division recommends APPROVAL of the proposed development subject to the following findings and conditions:

1. Additional right-of-way to meet the City's Master Transportation Element of the General Plan which identifies 980 North as a minor collector with a sidepath shall be dedicated to the City at no cost to the City as a condition of this zone map amendment. Right-of-way dedication shall be shown on a subdivision plat that is submitted to the city for review within 60 days of the approved zone change or shall be deeded to the city by deed within 60 days of the approved zone change.

Project Map:



AMERICAN FORK CITY – Public Works Department
275 EAST 200 NORTH, AMERICAN FORK UT 84003
Phone: 801-763-3060 Fax: 801-763-3005 www.afcity.org

ZONE CHANGE (blue)
Technical Review Committee Submittal Form

Project Name: Bridges of Fox Hollow

Location: 361 E 980 N

Reason/Description: Rezone for proposed subdivision

Utah County Parcel No(s): 12:061:0259 & 12:061:0079

Property Owner Name: Brookstone Investments LP

Property Owner Signature: [signature]

Property Owner or Authorized Representative Contact Information: (By indicating an authorized representative, all communication from the City regarding the project will be directed to your authorized representative.)

Name: BERG CIVIL ENGINEERING – KEN BERG

Address: 1018 N DEER CREST LN ALPINE, UT 84004

Telephone: 801 616-1677 Fax:

Email: KenCbergcivilengineering.org

Submit the following to Lisa Halversen, Public Works Dept, 275 East 200 North.

1. **Five paper** submittals including plans (sized 11" x 17") and all reports (sized 8.5" x 11")
2. **Electronic** submittal on **DISC**:
   a. a full plan set in one (1) single pdf
   b. an electronic design file AutoCAD 2009 format (N.A.D. 83 Coordinates)
   c. reports (drainage, geotechnical, title) each in a separate pdf
3. **Fee** as determined at time of Site Plan Review Fee: $250.00

PAID $ 250
PLAN REVIEW DEPOSIT
5/20/24

Applications will not be accepted without ALL the required submittal materials. The City will not hold partial submittals.

Acceptance of this submittal to the Technical Review Committee (TRC) for review is not an acknowledgement by the City of a complete application. This determination will be made by the TRC in accordance with UCA 10-9a-509.5

By submitting an application, owner/authorized representative hereby authorizes American Fork City Representatives to enter the property for purposes of evaluating this application.

SUBMITTAL CHECKLIST (applicant – check the box to indicate items are included in this submittal)

☐	Property Size (acres): 31.21 Current Zone Classification: RA-1
☐	What changed or changing conditions make the proposed amendment reasonably necessary to promote the purposes of the American Fork City Development Code? (typewritten)
☐	Does the proposed zone change conform to the Land Use Plan? ☒ Yes ☐ No If no, please submit a request for General Plan Amendment with this application.

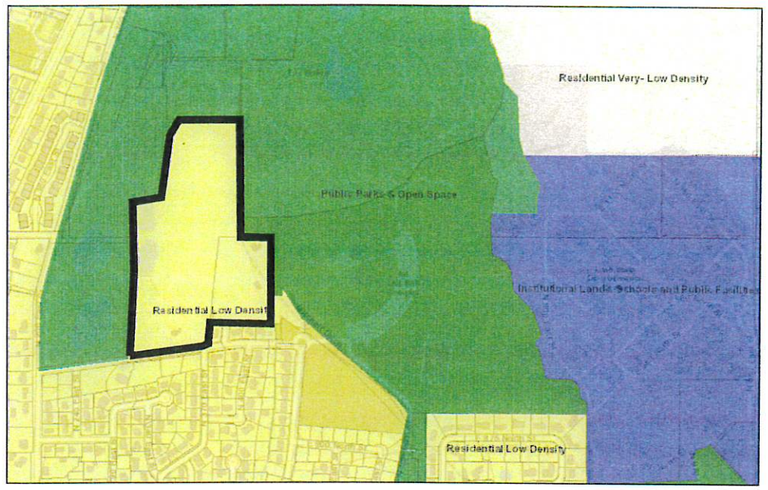
☐	What zone classification are you proposing for the area to be considered? PR 3.0
☐	Map illustrating property to be changed.

Link to Development Code

https://www2.municode.com/library/ut/american_fork/codes/code_of_ordinances

- Amendments – Chapter 17.11
- General Provisions – Sections 17.1.101 and 17.1.102

Bridges of Fox Hollow - Existing General Plan



May 17, 2021

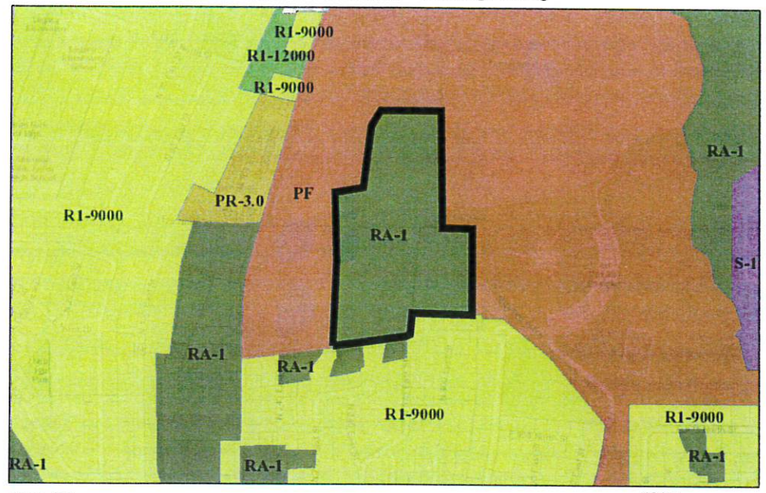
1:9,028

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

American Fork GIS Division, City of American Fork, County of Utah, Bureau

Bridges of Fox Hollow - Existing Zoning



May 17, 2021

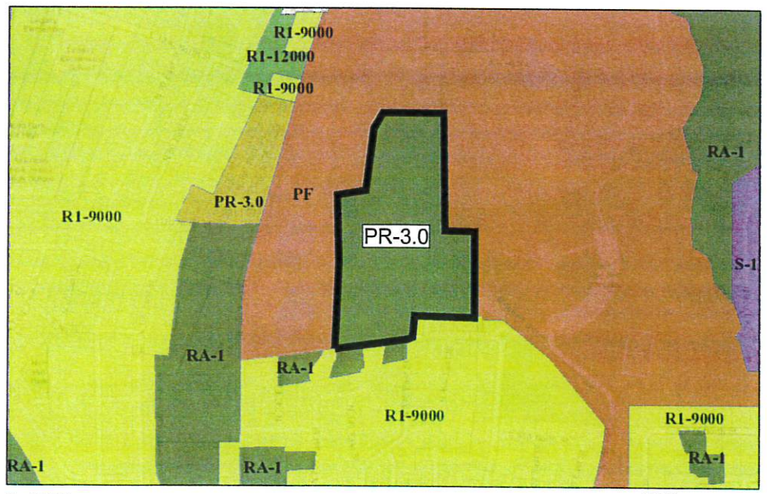
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0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

American Fork GIS Division, City of American Fork, County of Utah, Bureau

PROPOSED ZONING



May 17, 2021

1:9,028

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

American Fork GIS Division, City of American Fork, County of Utah, Bureau

DEVELOPMENT

BRIDGES OF FOX HOLLOW

CIVIL ENGINEERING
11038 N Highland Blvd Suite 400
Highland Ut, 84003
office (801) 492-1277
cell (801) 616-1677

REVISIONS		
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		

SEAL

STATE OF UTAH
JASON E. BERG
5/10/2021
343602
PROFESSIONAL ENGINEER

ACTION	DATE
ZONE CHANGE	5/10/2021

PROJECT

ZONE CHANGE

DESCRIPTION

PROPOSED PR 3.0

SHEET NAME	SHEET / EXHIBIT

AMERICAN FORK CITY
PLANNING COMMISSION

MEETING DATE: June 16, 2021
STAFF PRESENTATION: Adam Olsen

AGENDA TOPIC: Hearing, review and action on an amended final plat for Dixie Farms Plat F-1, located in the area of 900 West 900 South, in the PR-3.0 (Planned Residential) zone.

ACTIONS REQUESTED: Recommendation of approval of the amended final plat.

BACKGROUND INFORMATION					
Location:		900 West 900 South			
Applicants:		Grant Lefgren/Berg Engineering			
Existing Land Use:		Agriculture			
Proposed Land Use:		Residential			
Surrounding Land Use:	North	Agriculture			
	South	Residential (platted, not yet built)			
	East	Residential (platted, not yet built)			
	West	Residential (platted, not yet built)			
Existing Zoning:		PR-3.0			
Proposed Zoning:		N/A			
Surrounding Zoning:	North	PF (Public Facilities)			
	South	PR-3.0			
	East	PR-3.0			
	West	PR-3.0			
Land Use Plan Designation:		Low Density Residential (3 du/ac)			
Zoning within density range?		x	Yes		No

Background

The property consisting of Dixie Farms was annexed in early 2018. Upon annexation, the property was zoned PR-3.0 (Planned Residential 3 du/ac), PF (Public Facilities), and SP (Shoreline Preservation). The PF zone designation lies within a power line corridor, slated as a linear park; additionally, the PF zone designation was given in an area for a potential alignment of the future Vineyard Connector. The Shoreline Preservation zone was designated for the area encompassing wetlands and floodplain adjacent to Utah Lake.

Plat F-1 was approved in 2020. The amended plat proposes two items: (1) adjustment of a common lot line between Lots 409A and 409B and (2) allowance of a variance for front and side yard setbacks.

Section 17.7.503.H.6(f) of the Development Code allows setback variances upon a recommendation and finding from the Planning Commission that "such variance is appropriate for the proper development of the lots and that such reduction will not result in the establishment of a hazardous condition". The applicant has provided a narrative for justification of setback variance. They propose a variance to the side setback, from 8' to 5' (to allow for a 3-car garage), and a variance to the front setback from 25' to 20' (for the house portion only; the garage still being held at 25'). The applicant feels these considerations will allow greater variety of architecture styles for homes; improving the streetscape scene and the reduction of on-street parking. The Planning Commission may, but is not required to, approve such variance.

The layout and number of lots is not changing from the original approved final plat.

Consistency with the Land Use Plan:

The Land Use Plan designates this area as "Low Density Residential". The proposed subdivision is consistent with the Land Use Plan.

Section 17.7.211 of the Development Code

The Planning Commission may act to recommend approval of a final plat upon a finding that:

a. The final plat and supporting materials conform with the terms of the preliminary plan approval.

   The final plat conforms to the terms of a preliminary plan approval.

b. The final plat complies with all City requirements and standards relating to large scale developments.

   This criterion has been met.

c. The detailed engineering plans and materials comply with the City standards and policies.

   Engineering will address any concerns at the time of the Planning Commission meeting.

d. The estimates of cost of constructing the required improvements are realistic.

   Engineering will determine whether the cost estimates of constructing the required improvements are realistic.

e. The water rights conveyance documents have been provided.

   The water rights conveyance shall be satisfied prior to plat recordation.

FINDINGS OF FACT/CONDITIONS OF APPROVAL

After reviewing the applications for final plat approval, the following findings are offered for consideration:

1. The final plats are consistent with the preliminary plans.

2. The final plats are consistent with the Land Use Plan designation of “Low Density Residential”.

3. The final plats meet the criteria as found in Section 17.7.211 of the Development Code.

4. The applicant’s proposed setback variances are permissible upon a finding that such variance is appropriate for the proper development of the lots and that such reduction will not result in the establishment of a hazardous condition.

5. Water rights conveyance shall be satisfied prior to plat recordation.

POTENTIAL MOTIONS

APPROVAL

Mr. Chairman, I move that we recommend approval of the final plats for Dixie Farms Plat F-1, with the findings and condition listed in the staff report and subject to any findings, conditions, and modifications listed in the engineering report.

DENIAL

Mr. Chairman, I move that we recommend denial of the final plat of Dixie Farms Plat F-1.

TABLE

Mr. Chairman, I move that we table action on the final plat of Dixie Farms Plat F-1.

AMERICAN FORK CITY ENGINEERING DIVISION
STAFF REPORT

Planning Commission Meeting Date: 6/16/2021

This report is a summary of the American Fork City Engineering Division plan review comments regarding the subject plan as submitted by the applicant for American Fork City Land Use Authority approval:

Project Name: Dixie Farms Plat F-1

Project Address: 900 West 900 South

Developer / Applicant's Name: Grant Lefgren

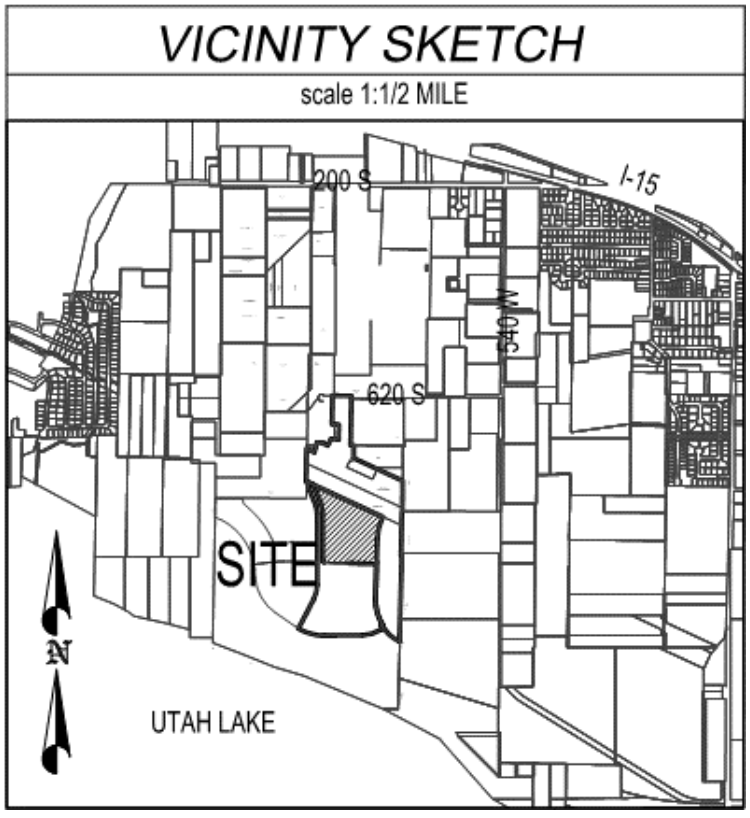
Type of Application:

- ☒ Subdivision Final Plat
- ☐ Subdivision Preliminary Plan
- ☐ Annexation
- ☐ Code Text Amendment
- ☐ General Plan Amendment
- ☐ Zone Change
- ☐ Commercial Site Plan
- ☐ Residential Accessory Structure Site Plan

Engineering Division Recommendation: The Engineering Division recommends APPROVAL of the proposed development subject to the following findings and conditions:

1. All Standard Conditions of Approval and items denoted as "Plan Modification(s) Required" in the 5/5/2021 Engineering Division Staff Report for the City Land Use Authority shall be addressed on all final project documents.

Project Map:



STANDARD CONDITIONS OF APPROVAL

Standard Conditions of Approval:

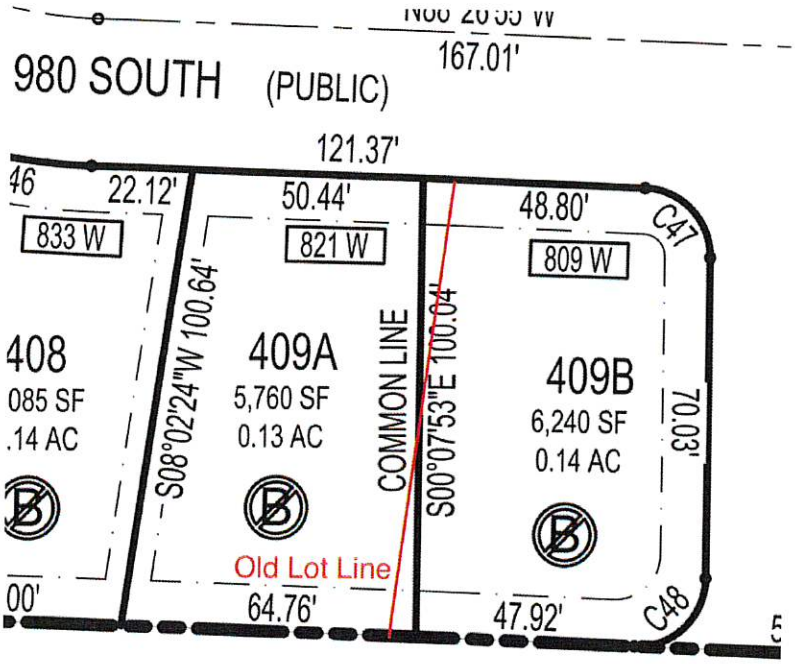
APPLICANT is responsible and shall submit/post/obtain all necessary documentation and evidence to comply with these Standard Conditions of Approval prior to any platting, permitting, or any other form of authorization by the City including plat recording or other property conveyance to the City and prior to scheduling a pre-construction meeting. All recording shall take place at the Utah County Recorder's Office.

1. **Title Report:** Submit an updated Title Report not older than 30 days or other type of appropriate verification that shows all dedications to the City are free and clear of encumbrances, taxes, or other assessments.
2. **Water Rights:** Submit evidence that all the required water rights have been conveyed to American Fork City.
3. **Performance Guarantee:** Post a performance guarantee for all required public and essential common improvements.
4. **Easements and Agreements:** Submit/record a long-term Storm Water Pollution Prevention Maintenance Agreement signed and dated by the property owner and any required easement documentation.
5. **Land Disturbance Permit:** Obtain a Land Disturbance Permit.
6. **Compliance with the Engineering Division Plan Review Comments:** All plans and documents shall comply with all the Technical Review Committee comments and the City Engineer's final review.
7. **Commercial Structure:** Record an Owner Acknowledgment and Utility Liability Indemnification if the proposed building is a multi-unit commercial structure served by a single utility service.
8. **Sensitive Lands:** Record all applicable documents required for compliance with the City's Sensitive Lands Ordinance.
9. **Utility Notification Form:** Submit a Subdivision Utility Notification Form.
10. **Professional Verification:** Submit final stamped construction documentation by all appropriate professionals.
11. **Fees:** Payment of all development, inspection, recording, street light, and other project related fees.
12. **Mylar:** Submit a Mylar. All plats will receive final verification of all formats, notes, conveyances, and other items contained on the plat by City staff (recorder, legal, engineer, GIS, planning).

Keystone Construciton Application
Amended Subdivision Plat
Dixie Farms Plat F-1

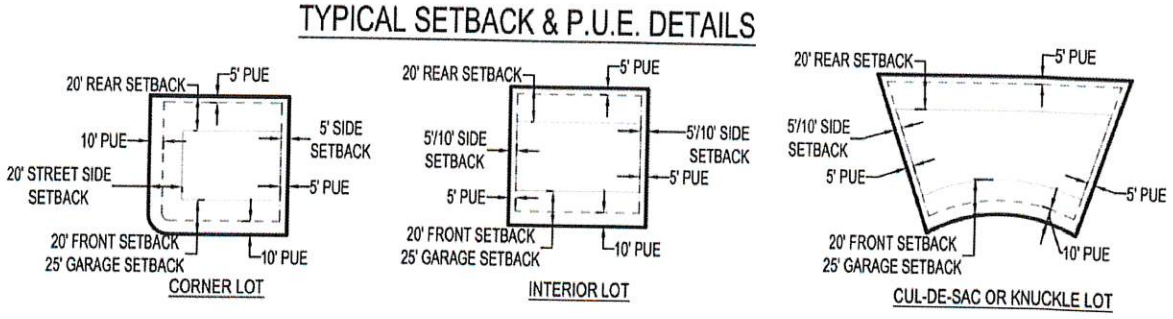
There are two changes that are included in the Amended Dixie Farms Plat F-1. They are as follows:

1- We changed the lot line between 409A and 409B. This is where there is a common line for a duplex and as such we wanted to make a change so that the common line in-between the two lots are running perpendicular to 980 South instead of at an angle. This will square up the building footprint better.

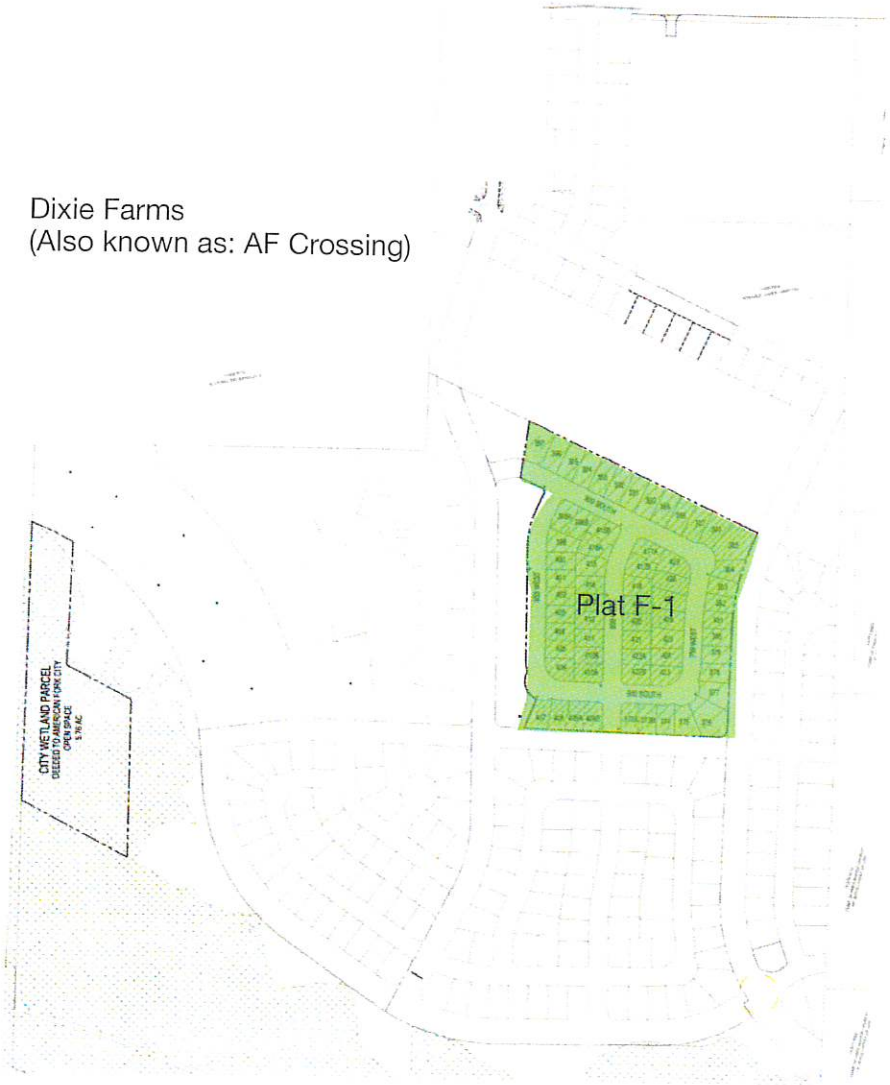


2- Plat F is unique in that it has the smallest and narrowest single family lots of all the plats in Dixie Farms. Since the water table is high, and with no basements, having decent storage space in the garage and having 3 car garages are important. As such, adding a 3 car garage on a 60 foot wide lot with the combined 16' side yard setbacks pushes the entry of the home to the back because there just isn't enough width to have an entry and living space in the front that is practical. We are trying to avoid having entry to home pushed to the back on every floor plan. A small change of 3 feet from 8' to 5' side yard setback setbacks will change this significantly. Additionally, with a 25' front setback on a 6,000 sqft lot, the entry is proportionally pushed to the back by quite a bit. What we are proposing is also allowing the house potion (not garage) to be able to come 5' forward with a 20' front setback to house while keeping the 25' setback to the garage. This will make the home architecture look a lot better with porches and the like

that actually comes out in front of the garage a bit. Here is what is proposed on the amended plat:



Dixie Farms
(Also known as: AF Crossing)

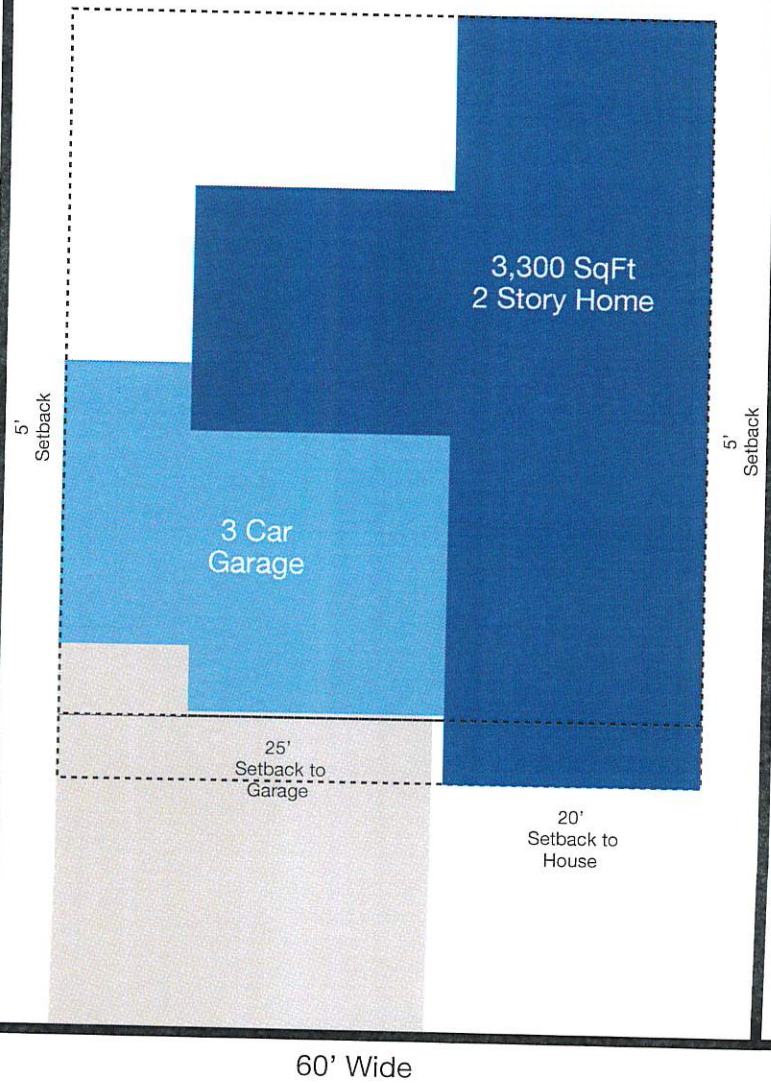


The next page demonstrates how the architecture changes with these two setback adjustments on a typical 6,000 sqft lot that is in Plat F. We believe that the benefits on setback changes are as follows:

- Better Architecture. The garage can be setback behind a porch or other architecture with the entry being moved up.
- The street scene will be better with the garages being recessed a little to the house while still providing plenty of parking on the lot.
- The neighborhood will be able to accommodate more in-garage parking and reduce the amount of cars parking on street due to storage issues of not having a basement.
- This will not increase the density of the community but will give it a better "feel" from lot to lot.

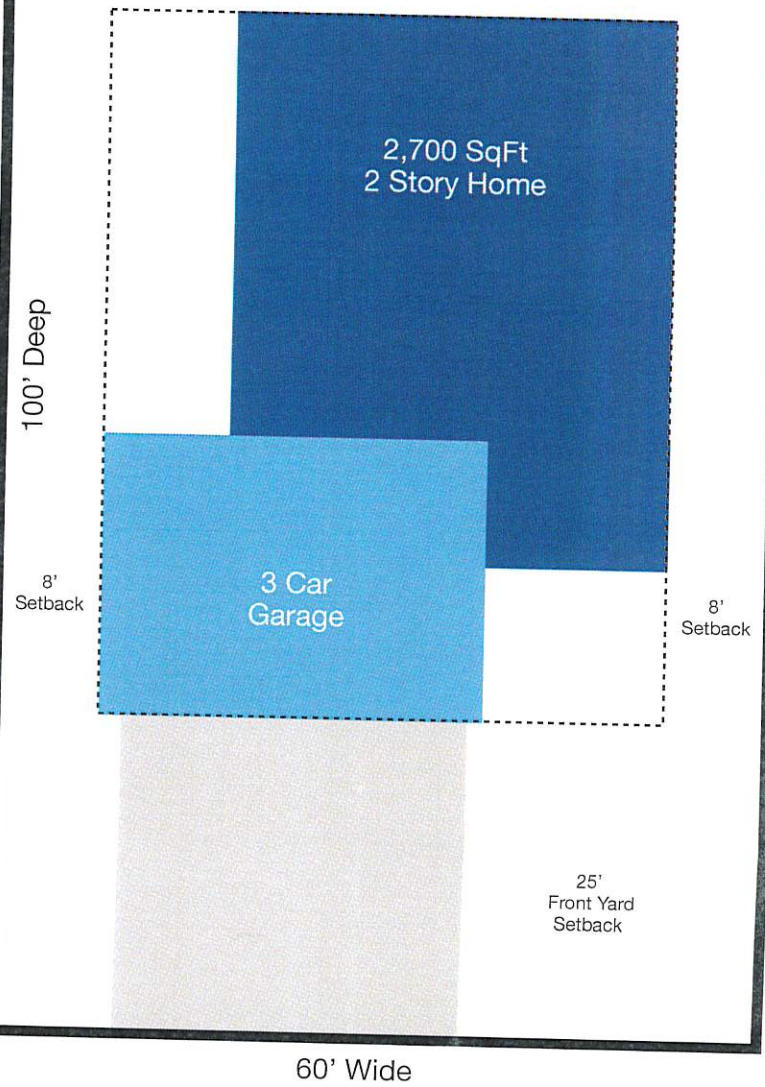
Proposed Setback

Side yard Setback: 5 Feet (10 feet from building to building)
Front yard Setback: 20'/25' Feet
Back yard setback: 20 Feet
Building Envelope: 50' X 60'



Existing Setback

Side yard Setback: 8 Feet (16 feet from building to building)
Front yard Setback: 25 Feet
Back yard setback: 20 Feet
Building Envelope: 44' X 55'



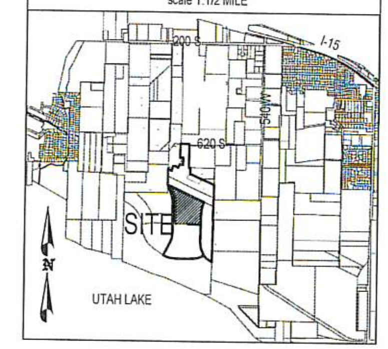
DIXIE FARMS
PLAT "F-1"

LOCATED IN THE NORTHWEST QUARTER AND NORTHEAST QUARTER OF SECTION 27
TOWNSHIP 5 SOUTH, RANGE 1 EAST,
SALT LAKE BASE AND MERIDIAN.
AMERICAN FORK CITY, UTAH COUNTY, UTAH



VICINITY SKETCH

scale 1:1/2 MILE



TABULATIONS

DEVELOPMENT AREA	14.45 AC
EXISTING ZONING	PR 3.0
LAND USE:	VERY LOW RESIDENTIAL
FLOOD ZONE DESIGNATION:	A / X
FIRM MAP PANEL #:	495517 0110 B
EFFECTIVE DATE:	JULY 17, 2002

LEGEND

- SECTION CORNER
- PROPERTY CORNER
- SUBDIVISION MONUMENT
- BOUNDARY LINE
- CENTER LINE
- EASEMENT LINE
- FIRE HYDRANT
- STREET LIGHT

REFERENCE DOCUMENTS:

NOTICE OF INTEREST, BUILDING REQUIREMENTS, AND ESTABLISHMENT OF RESTRICTIVE COVENANTS

RECORDED IN THE OFFICE OF THE UTAH COUNTY RECORDER AS ENTRY NO: ____________

SYMBOLS

NO BASEMENTS ALLOWED
SLAB ON GRADE

60 0 60 120 180

SCALE 1"=60'

NOTES

1. OFFSET-PINS TO BE PLACED IN THE BACK OF THE CURB AND 5/8" BY 24" REBAR WITH NUMBERED SURVEY CAP TO BE PLACED AT ALL LOTS REAR CORNERS PRIOR TO OCCUPANCY.
2. BUILDING PERMITS WILL NOT BE ISSUED FOR ANY HOME UNTIL 1) ASPHALT PAVING IS INSTALLED AND 2) FIRE HYDRANTS ARE INSTALLED, APPROVED BY THE FIRE MARSHAL AND CHARGED WITH CULINARY WATER
3. LOWEST FLOOR SLAB ELEVATION MUST BE A MINIMUM OF 3 FEET ABOVE WATER LEVEL MEASURED DURING SPRING SEASON

SURVEYOR

ENSIGN
THE STANDARD IN ENGINEERING
SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

ENGINEER

berg
CIVIL ENGINEERING
11038 N Highland Blvd Suite 400
Highland Ut. 84003
office (801) 492-1277
cell (801) 616-1677

SEWER & WATER AUTHORITY APPROVAL

APPROVED THIS ____ DAY OF ____________ A.D. 20____,
BY THE WATER AUTHORITY.

____
SEWER & WATER AUTHORITY

1/7/19 I:\My Drive\Berg Civil\2021\Red Pine\AF CROSSING\DF-Plat F-1\AF_Final_PLAT F-1.dwg

SURVEYOR'S CERTIFICATE

I, ____________, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD A LICENSE IN ACCORDANCE WITH TITLE 58, CHAPTER 22, PROFESSIONAL ENGINEERS AND LAND SURVEYORS LICENSING ACT, UTAH CODE ANNOTATED, 1953 AS AMENDED, CERTIFICATE NO. ____________. I FURTHER CERTIFY THAT BY AUTHORITY OF THE OWNERS, I HAVE MADE A SURVEY OF THE TRACT OF LAND SHOWN ON THIS PLAT AND DESCRIBED BELOW, HAVE SUBDIVIDED SAID TRACT OF LAND INTO LOTS, STREETS AND EASEMENTS, HAVE COMPLETED A SURVEY OF THE PROPERTY DESCRIBED ON THIS PLAT IN ACCORDANCE WITH SECTION 17-23-17, UTAH CODE ANNOTATED, 1953 AS AMENDED, HAVE VERIFIED ALL MEASUREMENTS, AND HAVE PLACED MONUMENTS AS REPRESENTED ON THE PLAT. I FURTHER CERTIFY THAT EVERY EXISTING RIGHT-OF-WAY AND EASEMENT GRANT OF RECORD FOR UNDERGROUND FACILITIES, AS DEFINED IN SECTION 54-8a-2, UTAH CODE ANNOTATED, 1953 AS AMENDED, AND FOR OTHER UTILITY FACILITIES, IS ACCURATELY DESCRIBED ON THIS PLAT, AND THAT THIS PLAT IS TRUE AND CORRECT.

____________ DATE ____________ (SEE SEAL BELOW)

BOUNDARY DESCRIPTION

BEGINNING AT A POINT LOCATED S89°52'20"W 2552.50 FEET AND SOUTH 1813.11 FEET FROM THE NORTHEAST CORNER OF SECTION 27, TOWNSHIP 5 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN;

THENCE ALONG THE ARC OF A 30.00 FOOT RADIUS CURVE TO THE RIGHT A DISTANCE OF 47.12 FEET (CURVE HAVING A CENTRAL ANGLE OF 90°00'00" AND LONG CHORD BEARS S46°33'05"W 42.43 FEET); THENCE NORTH 88°26'55" WEST 666.97 FEET; THENCE NORTH 21°29'05" EAST 107.47 FEET; THENCE ALONG THE ARC OF A 63.00 FOOT RADIUS CURVE TO THE RIGHT A DISTANCE OF 102.79 FEET (CURVE HAVING A CENTRAL ANGLE OF 93°28'58" AND LONG CHORD BEARS N21°46'26"W 91.76 FEET); THENCE ALONG THE ARC OF A 15.00 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 10.34 FEET (CURVE HAVING A CENTRAL ANGLE OF 39°30'27" AND LONG CHORD BEARS N05°12'50"E 10.14 FEET); THENCE ALONG THE ARC OF A 132.00 FOOT RADIUS CURVE TO THE RIGHT A DISTANCE OF 33.20 FEET (CURVE HAVING A CENTRAL ANGLE OF 14°24'30" AND LONG CHORD BEARS N07°20'09"W 33.11 FEET); THENCE NORTH 00°07'53" WEST 385.59 FEET; THENCE ALONG THE ARC OF A 307.00 FOOT RADIUS CURVE TO THE RIGHT A DISTANCE OF 133.94 FEET (CURVE HAVING A CENTRAL ANGLE OF 24°59'53" AND LONG CHORD BEARS N12°22'03"E 132.88 FEET); THENCE NORTH 24°52'00" EAST 55.72 FEET; THENCE ALONG THE ARC OF A 15.00 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 23.56 FEET CURVE HAVING A CENTRAL ANGLE OF 90°00'00" AND LONG CHORD BEARS N20°08'00"W 21.21 FEET); THENCE NORTH 65°08'00" WEST 65.01 FEET;
THENCE ALONG THE ARC OF A 68.00 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 13.54 FEET (CURVE HAVING A CENTRAL ANGLE OF 11°24'19" AND LONG CHORD BEARS N70°50'10"W 13.51 FEET); THENCE NORTH 07°39'41" EAST 196.12 FEET; THENCE SOUTH 65°08'00" EAST 868.88 FEET; THENCE SOUTH 24°52'00" WEST 20.82 FEET; THENCE ALONG THE ARC OF 792.00 FOOT RADIUS CURVE TO THE LEFT A DISTANCE OF 322.29 FEET (CURVE HAVING A CENTRAL ANGLE OF 23°18'55" AND LONG CHORD BEARS S13°12'32"W 320.07 FEET); THENCE SOUTH 01°33'05" WEST 333.30 FEET TO THE POINT OF BEGINNING.

AREA = 629,243 SF OR 14.45 ACRES

BASIS OF BEARING IS NORTH 89°52'20" EAST ALONG SECTION LINE FROM THE NORTH QUARTER CORNER OF SECTION 27, TOWNSHIP 5 SOUTH, RANGE 1 EAST, SALT LAKE AND MERIDIAN, TO THE NORTHEAST CORNER OF SAID SECTION 27. (NAD 83)

NUMBER OF LOTS 64

OWNER'S DEDICATION

THE UNDERSIGNED OWNERS OF THE PROPERTY DESCRIBED ABOVE AND SHOWN ON THIS PLAT, HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, STREETS, AND EASEMENTS AND DO HEREBY DEDICATE ANY PUBLIC STREETS AND OTHER PUBLIC AREAS SHOWN THEREON FOR THE PERPETUAL USE OF THE PUBLIC.
DAY OF ____________, A.D. ______
IN WITNESS HEREOF WE HAVE HEREUNTO SET OUR HANDS THIS ____________

____

____

ACKNOWLEDGMENT

STATE OF UTAH } S.S.
COUNTY OF UTAH
ON THE ___ DAY OF ____________, A.D. ________ PERSONALLY APPEARED BEFORE ME ________

WHICH PERSON ACKNOWLEDGED TO ME THAT HE EXECUTED THE FOREGOING DEDICATION IN HIS RESPECTIVE CAPACITIES ON BEHALF OF ____________, IN ACCORDANCE WITH THE GOVERNING DOCUMENTS OF SUCH COMPANY.

MY COMMISSION EXPIRES ________ ____________ NOTARY PUBLIC

ACCEPTANCE BY LEGISLATIVE BODY

THE CITY COUNCIL OF AMERICAN FORK CITY COUNTY OF UTAH, APPROVES THIS SUBDIVISION AND HEREBY ACCEPTS THE DEDICATION OF ALL STREETS AND EASEMENTS FOR THE PERPETUAL USE OF THE PUBLIC THIS ____ DAY OF ________, A.D. ___

MAYOR ____________ CITY COUNCIL MEMBER ____________
CITY COUNCIL MEMBER ____________ CITY COUNCIL MEMBER ____________
CITY COUNCIL MEMBER ____________ CITY COUNCIL MEMBER ____________

APPROVED ____________ CITY ENGINEER ATTEST ____________ CLERK-RECORDER

PLANNING COMMISSION APPROVAL

APPROVED THIS ______ DAY OF ____________, A.D. ________ BY THE AMERICAN FORK CITY PLANNING COMMISSION

____________ PLANNER ____________ CHAIRMAN, PLANNING COMMISSION

DIXIE FARMS
AMENDED PLAT "F-1"

LOCATED IN THE NORTHWEST QUARTER AND NORTHEAST QUARTER OF SECTION 27
TOWNSHIP 5 SOUTH, RANGE 1 EAST,
SALT LAKE BASE AND MERIDIAN.
AMERICAN FORK CITY, UTAH COUNTY, UTAH

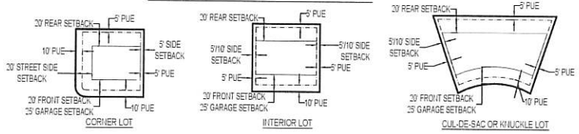
SCALE: 1" = 60 FEET

SURVEYOR'S SEAL	CITY RECORDER	COUNTY RECORDER SEAL

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	CHORD	BEARING
C1	30.00	47.12	90°00'00"	42.43	S46°33'05"W
C2	63.00	102.79	93°28'58"	91.76	N21°46'26"W
C3	15.00	10.34	39°30'27"	10.14	N05°12'50"E
C4	132.00	33.20	14°24'30"	33.11	N07°20'09"W
C5	307.00	133.94	24°59'53"	132.88	N12°22'03"E
C6	15.00	23.56	90°00'00"	21.21	N20°08'00"W
C7	68.00	13.54	11°24'19"	13.51	N70°50'10"W
C8	792.00	322.29	23°18'55"	320.07	S13°12'32"W
C9	100.00	154.14	88°19'02"	139.33	N44°17'24"W
C10	275.00	119.98	24°59'53"	119.03	N12°22'03"E
C11	100.00	23.15	13°15'54"	23.10	N71°45'57"W
C12	100.00	134.11	76°50'14"	124.28	S26°42'53"E
C13	924.00	163.73	10°09'09"	163.52	S06°37'39"W
C14	100.00	157.08	90°00'00"	141.42	S46°33'05"W
C15	275.00	119.98	24°59'53"	119.03	S12°22'03"W
C16	15.00	23.12	88°19'02"	20.90	N44°17'24"W
C17	15.00	24.00	91°40'58"	21.52	N45°42'36"E
C18	132.00	37.40	16°14'03"	37.28	N83°26'03"E
C19	15.00	9.51	36°19'09"	9.35	S86°31'24"E
C20	63.00	50.06	45°31'23"	48.75	N88°52'29"E
C21	63.00	43.83	39°51'52"	42.96	N46°10'52"E
C22	63.00	49.24	44°46'57"	48.00	N03°51'27"E
C23	15.00	1.46	05°33'31"	1.46	N15°45'16"W
C24	15.00	8.05	30°45'38"	7.96	N02°24'19"E
C25	132.00	37.40	16°14'03"	37.28	N09°40'06"E
C26	892.00	3.81	00°14'42"	3.81	N01°40'25"E
C27	892.00	60.05	03°51'25"	60.03	N03°43'29"E
C28	892.00	60.01	03°51'17"	60.00	N07°34'49"E
C29	892.00	34.19	02°11'46"	34.19	N10°36'21"E
C30	132.00	19.97	08°40'06"	19.95	N07°22'11"E
C31	15.00	5.94	22°41'01"	5.90	N14°22'38"E
C32	15.00	4.41	16°49'26"	4.39	N34°07'51"E
C33	63.00	50.29	45°44'17"	48.97	N19°40'26"E
C34	63.00	43.83	39°51'52"	42.96	N23°07'39"W
C35	63.00	52.05	47°20'16"	50.58	N66°43'43"W
C36	63.00	6.13	05°34'29"	6.13	S86°48'54"W
C37	15.00	10.34	39°30'27"	10.14	N76°13'07"W
C38	132.00	19.97	08°40'06"	19.95	N60°47'57"W
C39	132.00	32.76	14°13'16"	32.68	N72°14'38"W
C40	15.00	23.56	90°00'00"	21.21	N69°52'00"E
C41	243.00	38.29	09°01'45"	38.25	S20°21'08"W
C42	243.00	67.73	15°58'09"	67.51	S07°51'11"W
C43	68.00	104.82	88°19'02"	94.74	N44°17'24"W
C44	63.00	49.52	45°01'57"	48.25	N88°58'07"E
C45A	15.00	5.44	20°47'43"	5.41	N76°51'00"E
C45B	15.00	4.90	18°42'44"	4.88	S83°23'47"E
C46	132.00	33.20	14°24'30"	33.11	S81°14'40"E
C47	15.00	23.12	88°19'02"	20.90	S44°17'24"E
C48	15.00	24.00	91°40'58"	21.52	S45°42'36"W
C49	15.00	24.00	91°40'58"	21.52	S45°42'36"W
C50	307.00	28.74	05°21'49"	28.73	N02°33'01"E
C51	307.00	57.10	10°39'23"	57.02	N10°33'38"E
C52	307.00	48.11	08°58'41"	48.06	N20°22'40"E
C53	15.00	23.56	90°00'00"	21.21	S20°08'00"E
C54	15.00	23.56	90°00'00"	21.21	N69°52'00"E
C55	243.00	68.51	16°09'13"	68.28	S16°47'23"W
C56	243.00	37.51	08°50'40"	37.47	S04°17'27"W
C57	15.00	23.12	88°19'02"	20.90	N44°17'24"W
C58	68.00	106.81	90°00'00"	96.17	S46°33'05"W
C59	956.00	53.77	03°13'21"	53.76	N03°09'45"E
C60	956.00	56.56	03°23'24"	56.56	N06°28'07"E
C61	956.00	59.07	03°32'25"	59.06	N09°56'02"E
C62	68.00	91.19	76°50'14"	84.51	S26°42'53"E
C63	792.00	76.76	05°33'12"	76.73	S22°05'24"W
C64	792.00	82.33	05°57'21"	82.29	S16°20'06"W
C65	792.00	53.22	03°50'59"	53.21	S11°25'56"W
C66	792.00	53.28	03°51'17"	53.27	S07°34'49"W
C67	792.00	53.31	03°51'25"	53.30	S03°43'29"W
C68	63.00	143.13	130°10'12"	114.27	N46°33'05"E
C69	892.00	158.06	10°09'09"	157.85	N06°37'39"E
C70	63.00	152.31	138°30'55"	117.83	N26°42'53"W
C71	956.00	169.40	10°09'09"	169.18	N06°37'39"E
C72	243.00	106.02	24°59'53"	105.18	N12°22'03"E
C73	307.00	133.94	24°59'53"	132.88	N12°22'03"E
C74	63.00	152.31	138°30'55"	117.83	S44°17'24"E
C75	243.00	106.02	24°59'53"	105.18	S12°22'03"W
C76	792.00	3.39	00°14'42"	3.39	S01°40'25"W
C77	15.00	9.51	36°19'09"	9.35	N00°22'27"W

TYPICAL SETBACK & P.U.E. DETAILS



SURVEYOR

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ENGINEER

Berg
CIVIL ENGINEERING
11035 N Highland Blvd Suite 400
Highland Ut. 84003
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cell (801) 616-1677

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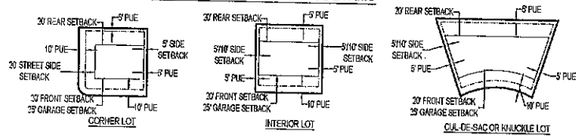
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C5	307.00	133.94	24°59'53"	132.86	N12°22'03"E
C6	15.00	23.56	90°00'00"	21.21	N20°08'00"W
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SALT LAKE BASE AND MERIDIAN,
AMERICAN FORK CITY, UTAH COUNTY, UTAH

SCALE: 1" = 60 FEET

SURVEYOR'S SEAL	CITY RECORDER SEAL	COUNTY RECORDER SEAL

AMERICAN FORK CITY ENGINEERING DIVISION
STAFF REPORT

Planning Commission Meeting Date: 6/16/2021

This report is a summary of the American Fork City Engineering Division plan review comments regarding the subject plan as submitted by the applicant for American Fork City Land Use Authority approval:

Project Name: Storm Drain Master Plan Update

Project Address: American Fork City

Developer / Applicant's Name: Public Works Department – Engineering Division

Type of Application:

- ☐ Subdivision Final Plat
- ☐ Subdivision Preliminary Plan
- ☐ Annexation
- ☐ Code Text Amendment
- ☒ General Plan Amendment
- ☐ Zone Change
- ☐ Commercial Site Plan
- ☐ Residential Accessory Structure Site Plan

Engineering Division Recommendation: The Engineering Division recommends APPROVAL of the proposed Storm Drain Master Plan Update.

POTENTIAL MOTIONS:

APPROVAL

Mr. Chairman, I move that we recommend approval of the Storm Drain Master Plan Update.

DENIAL

Mr. Chairman, I move that we recommend denial of the Storm Drain Master Plan Update.

TABLE

Mr. Chairman, I move that we recommend table of the Storm Drain Master Plan Update.

Storm Drain Master Plan Update

Prepared for:

AMERICAN FORK
1853

Prepared by:

FRANSON
CIVIL ENGINEERS

May 2021

Storm Drain Master Plan Update

May 2021

Prepared for:



American Fork City
Public Works Department
275 East 200 North
American Fork, Utah 84003
(801) 763-3060

Prepared by:

FRANSON
CIVIL ENGINEERS

1276 South 820 East, Suite 100
American Fork, UT 84003
801-756-0309

Insert Resolution of Adoption

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Appendices
Model Results

1. Introduction

1.1. Purpose

Over the past two decades, American Fork City (City), with the help of various consultants, has prepared several storm drain master plans and studies. However, with the continuing evolution of the storm water rules and regulations associated with the Clean Water Act (CWA) and associated storm water permitting and rapid development, the plan needs to be updated. Additionally, the re-evaluation of impact fees and storm water fees requires the master plan to be updated. Franson Civil Engineers (Franson Civil) has been tasked to update the master plan to the current regulatory environment and to develop an impact fee facilities plan to assist in setting impact fees, storm water fees, and planning capital expenditures.

1.2. Previous Studies and Reference Material

This master plan update references the following plans and studies:

- American Fork City Storm Drain Element General Plan, May 2004 by Rollins, Brown and Gunnell and Water, Land and Environmental, LLC
- American Fork City General Plan Storm Drain Element Amendment No. 2, November 2010 by Hansen, Allen and Luce
- American Fork City Ditch System Master Plan, April 2010 (Revised January 2011) by Horrocks Engineers
- American Fork East Storm Drain Study, October 2012 by Franson Civil Engineers
- Storm Drain Master Plan Update, September 2013 by Bowen Collins & Associates
- Technical Memorandum – Storm Drain Master Plan Amendment for Area South of I-15, June 7, 2017 by Bowen Collins & Associates
- Storm Drain Impact Fee Facilities Plan, June 2017 by Bowen Collins & Associates

Additional reference material used in the compilation of the master plan update includes:

- American Fork City Storm Water Management Program, April 2004 by J-U-B Engineers Inc.
- Resolution No. 2008-05-12R, A Resolution Amending the Storm Drain Element of the American Fork General Plan, Adopted by American Fork City, May 13, 2008
- Storm Water Technical Manual – Appendix "D", May 2008
- Update to American Fork Storm Water Management Program, by American Fork City Public Works Department Storm Drain Division (~2010)
- American Fork Standards – Standards, Drawings & Specifications, by Northern Engineering (~2012)
- UDOT Manual of Instruction – Roadway Drainage, Chapter 13 Storm Drainage Systems
- UPDES General Construction Permit (UTRC00000) effective July 1, 2019
- General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) (UTR090000) effective February 26, 2020
    - American Fork City MS4 – UPDES number (UTR090015)

1.3. Scope of Services

As part of this Storm Drain Master Plan, the following tasks were completed.

Task 1: Data Collections and Updates
The following geographic information system (GIS) and other pertinent data were collected and gathered in order to prepare the master plan update:

- Aerial photos and base mapping, such as: 0.5-meter LiDAR ground surface model, roads and streets, rivers and creeks, soils, and approved land use, and
- Existing storm water system components, including pipes, inlets, irrigation ditches and canals, and detention facilities.

Task 2: Scoping and Priorities: Define Planning Criteria
In conjunction with the staff of the American Fork City Engineering and Storm Water Divisions, scoping priorities and goals were identified and clarified through a design criteria memo. Assumptions stipulated in the design criteria memo are described further in Chapter 3.

Task 3: Update Hydrologic Basins and Modeling Parameters
Using the GIS data, topographic mapping, storm water system maps, and the hydrologic basins were updated and adjusted based upon the development and system modifications previously implemented. Hydrologic modeling parameters were evaluated for each delineated basin based on the American Fork Storm Drain Technical Manual.

Task 4: Incorporate Existing Pipes, Channels, Sumps, and Inlets into Hydrologic and Hydraulic Model
The GIS data for the existing storm drain system and the hydrologic parameters developed in Task 3 were evaluated, data gaps were identified and addressed and imported into Storm and Sanitary Analysis, a hydrologic and hydraulic modeling application used in conjunction with Autodesk Civil 3D based upon the EPA SWMM model engine.

Task 5: Create the model
Models were run for the existing conditions and design storms.

Task 6: Identify Alternatives and Future Plan
Based on the previous master plan, goals, objectives, and observations identified in the meetings with City staff, and deficiencies identified in the model, Franson Civil developed alternatives to mitigate the current deficiencies and those that may exist into the future.

Task 7: Storm and Sanitary Model for Future Conditions
The alternatives provided and the existing infrastructure were imported into Storm and Sanitary. In order to evaluate the systems effectiveness, the new infrastructure was conceptually designed (plan and profile) and the model run based on the design criteria. The results of the future model conditions were incorporated to reflect the effects of the proposed projects.

Task 8: Impact Fee Facilities Plan (IFFP)
Each of the proposed projects developed in the model for future conditions were estimate if they would be completed in the next 10 years.

Costs were estimated based on similar and related construction projects completed in American Fork City and other local projects. Franson Civil used construction bid abstracts as a basis of information to provide an opinion of probable costs for future projects.

Task 9: Prepare Master Plan Report

The written report references information from the previous master plans, the changes to the system, and the current and proposed projects. The provided IFFP will assist and facilitate in future budgeting. As part of this phase, the model was provided to American Fork City and installed on American Fork City's computer system. Additionally, the GIS files were provided and were fully functional on the City's system.

2. Existing System Description

2.1. Service Area

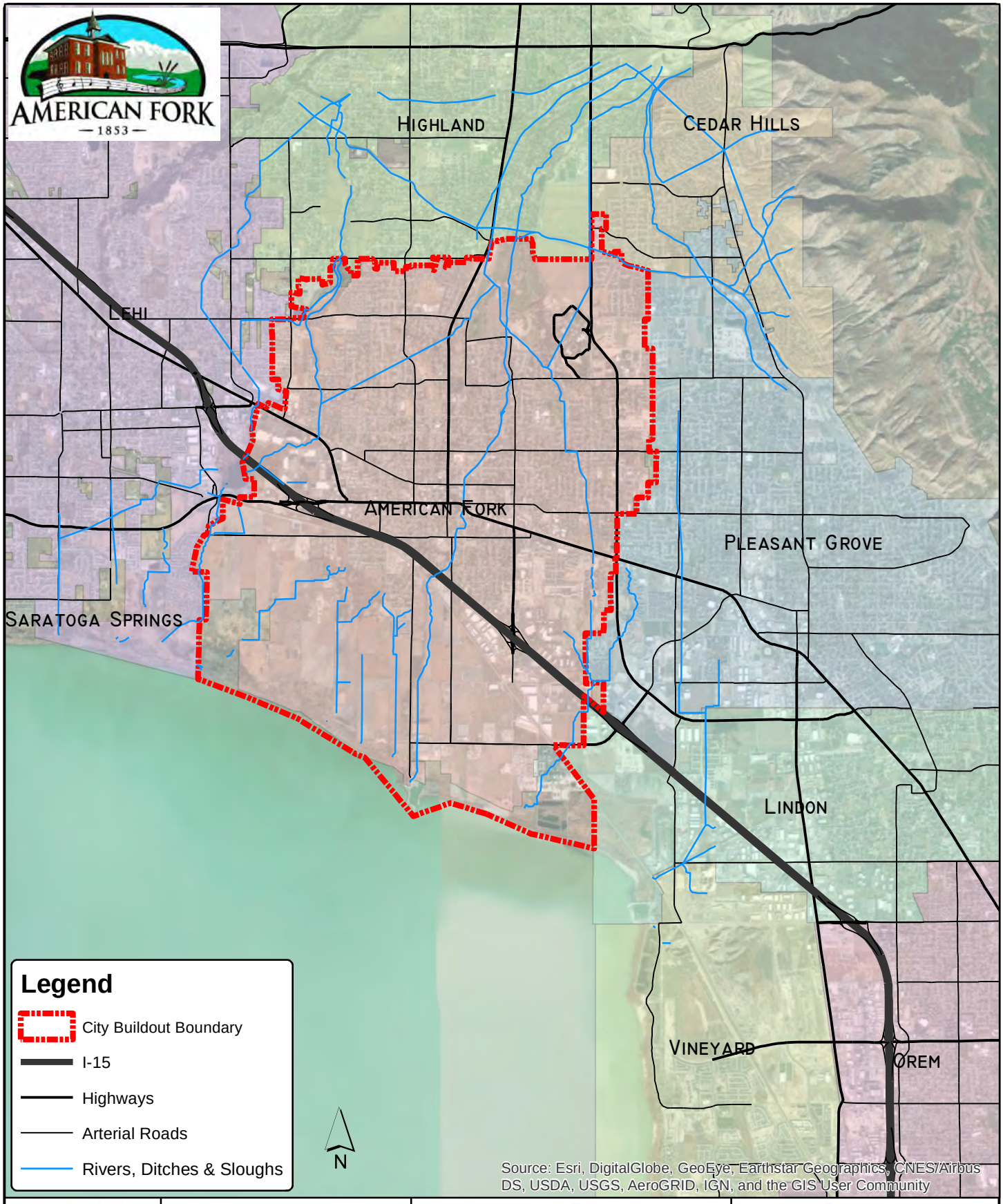
American Fork City is located about 30 miles south of Salt Lake City and is bordered by Lehi, Highland, Cedar Hills, Pleasant Grove, and Lindon. The area served by the City's storm drain system, as shown in Figure 2-1, includes not only the incorporated City boundary but the ultimate expected annexation between the neighboring cities. The total service area is approximately 14 square miles and over 36,000 people. Based on this population, American Fork is a Phase II UPDES regulated city.

In order to manage a storm drain system, it is necessary to understand underlying features of the service area. Geographic characteristics such as topography, soil type, land use, and other physical features can affect the quantity and path of storm water runoff.

Soils

American Fork was established around 1850 on the alluvial fan of the American Fork River which runs from the north to the south through the middle of the service area. Land within the service area generally slopes north to south from the depositional benches north of the City toward Utah Lake. Though there are some steeper slopes in localized areas, the overall service area is fairly flat as the average slope is less than 2%.

In 2019, the Natural Resource Conservation Service updated the soil survey of Utah County. Soils were classified by hydrologic soil group which identifies the soil's runoff potential or conversely its infiltration rate. The four hydrologic soil groups are A, B, C and D as described in Table 2-1. Soil group A generally has the smallest runoff potential and soil group D the greatest. Figure 2-2 shows the hydrologic soil groups identified for the American Fork City service area.



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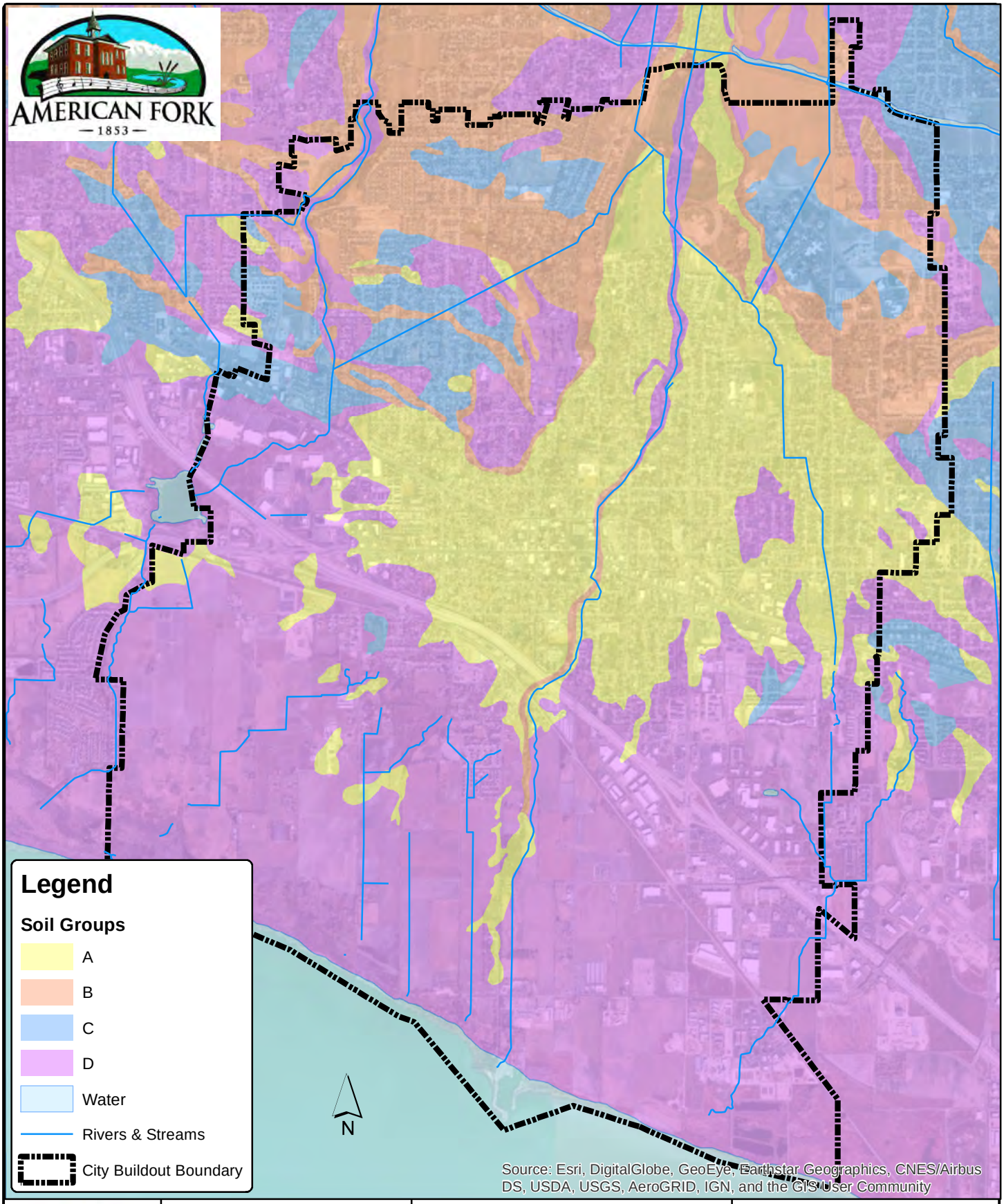
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Figure 2-1

Study Area Vicinity Map

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Storm Drain Master Plan Update

Figure 2-2
Hydrologic Soil Groups

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Table 2-1: Hydrologic Soil Group (HSG) Classification

HSG	Infiltration Rate	Soil Texture	Description
A	High – Greater than 0.30 in/hr	Sand, loamy sand, or sandy loam	Low runoff potential and high infiltration rates even when thoroughly wetted. They consist chiefly of deep, well to excessively drained sand or gravel.
B	Moderate – 0.15-0.30 in/hr	Silt loam or loam	Moderate infiltration rate when thoroughly wetted and consist chiefly of moderately deep to deep, moderately well to well drained soils with moderately fine to moderately coarse textures.
C	Low – 0.05-0.15 in/hr	Sandy clay loam	Low infiltration rates when thoroughly wetted and consist chiefly of soils with a layer that impedes downward movement of water and soils with moderately fine to fine texture.
D	Very Low – 0-0.05 in/hr	Clay loam, silty clay loam, sandy clay, silty clay, or clay	Highest runoff potential. They have very low infiltration rates when thoroughly wetted and consist chiefly of clay soils with a high swelling potential, soils with a permanent high water table, soils with a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material.

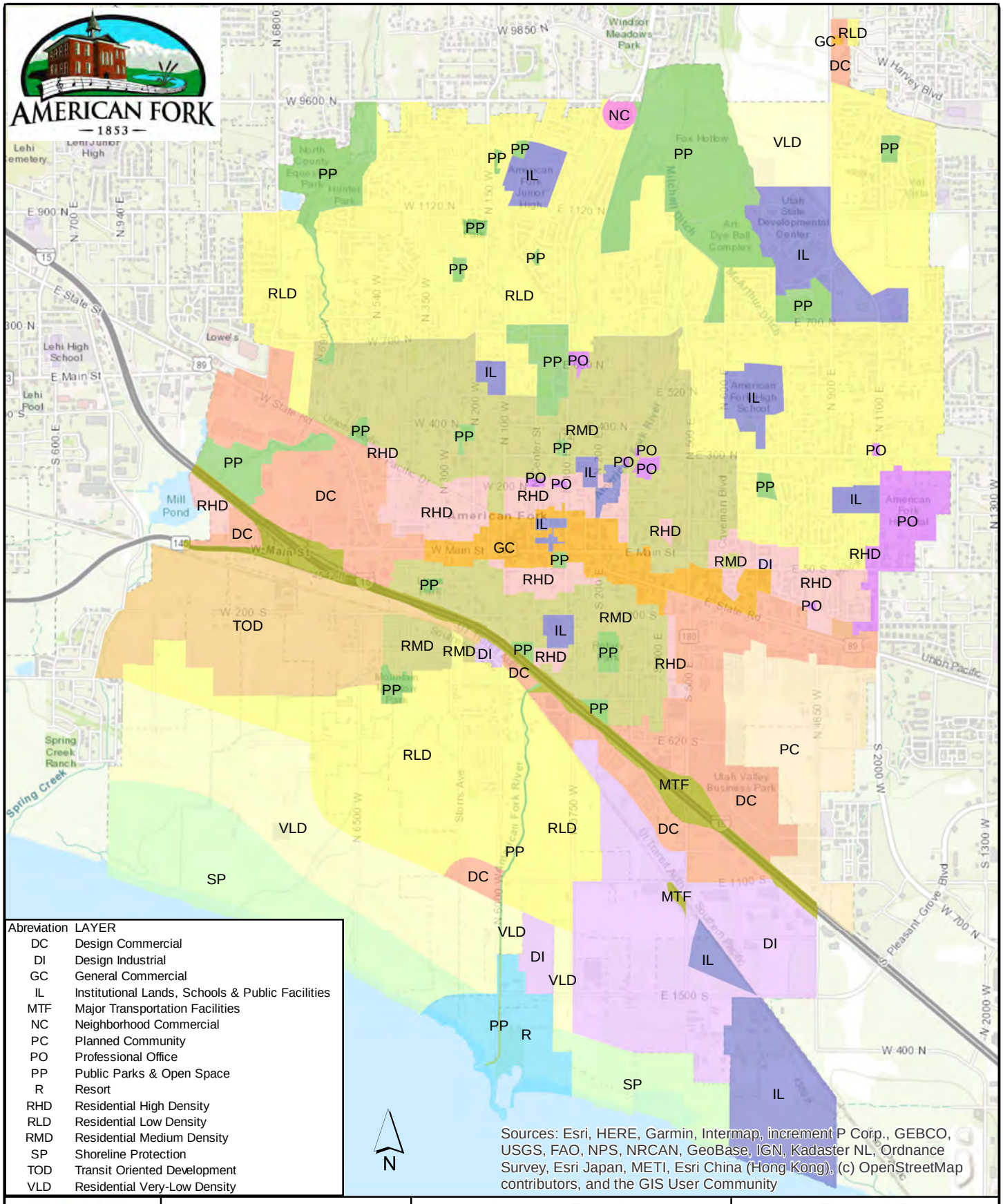
**USDA, Natural Resource Conservation Service, Technical Release 55, June 1986, Urban Hydrology for Small Watersheds*

Land use

Though it was once quiet and rural, American Fork City has grown into an urbanized community. A majority of the service area North of I-15 has been developed into various densities of residential areas, which also include schools, parks, churches, and a hospital. There is also a significant amount of commercial and industrial development along major transportation arteries. While there are more undeveloped areas south of I-15, development is occurring rapidly. Figure 2-3 shows the adopted land use plan for American Fork City.

Impervious Area

Understanding both current and future land use is critical in determining how much of the land is covered by impervious materials such as asphalt, concrete, and roof tops. These materials decrease the amount of precipitation that can naturally infiltrate into the underlying soil which increases runoff that will be captured in the storm drain system. Figure 2-4 shows the existing percentage of impervious area throughout the service area. This was estimated based on the evaluation of representative areas with GIS measurements of concrete, asphalt, and roof tops using aerial imagery gathered from the Utah Automated Geographic Reference Center (AGRC) using 2018 National Agriculture Imagery Program (NAIP) aerial photography. Figure 2-5 shows the projected impervious areas based upon the adopted land use plan. This was determined by estimating a percentage of impervious area between zero and 95 percent for each type of land use. Zero percent impervious signifies areas of grass or raw ground, whereas 95 percent signifies areas almost entirely roofed or paved.



Abreviation	LAYER
DC	Design Commercial
DI	Design Industrial
GC	General Commercial
IL	Institutional Lands, Schools & Public Facilities
MTF	Major Transportation Facilities
NC	Neighborhood Commercial
PC	Planned Community
PO	Professional Office
PP	Public Parks & Open Space
R	Resort
RHD	Residential High Density
RLD	Residential Low Density
RMD	Residential Medium Density
SP	Shoreline Protection
TOD	Transit Oriented Development
VLD	Residential Very-Low Density

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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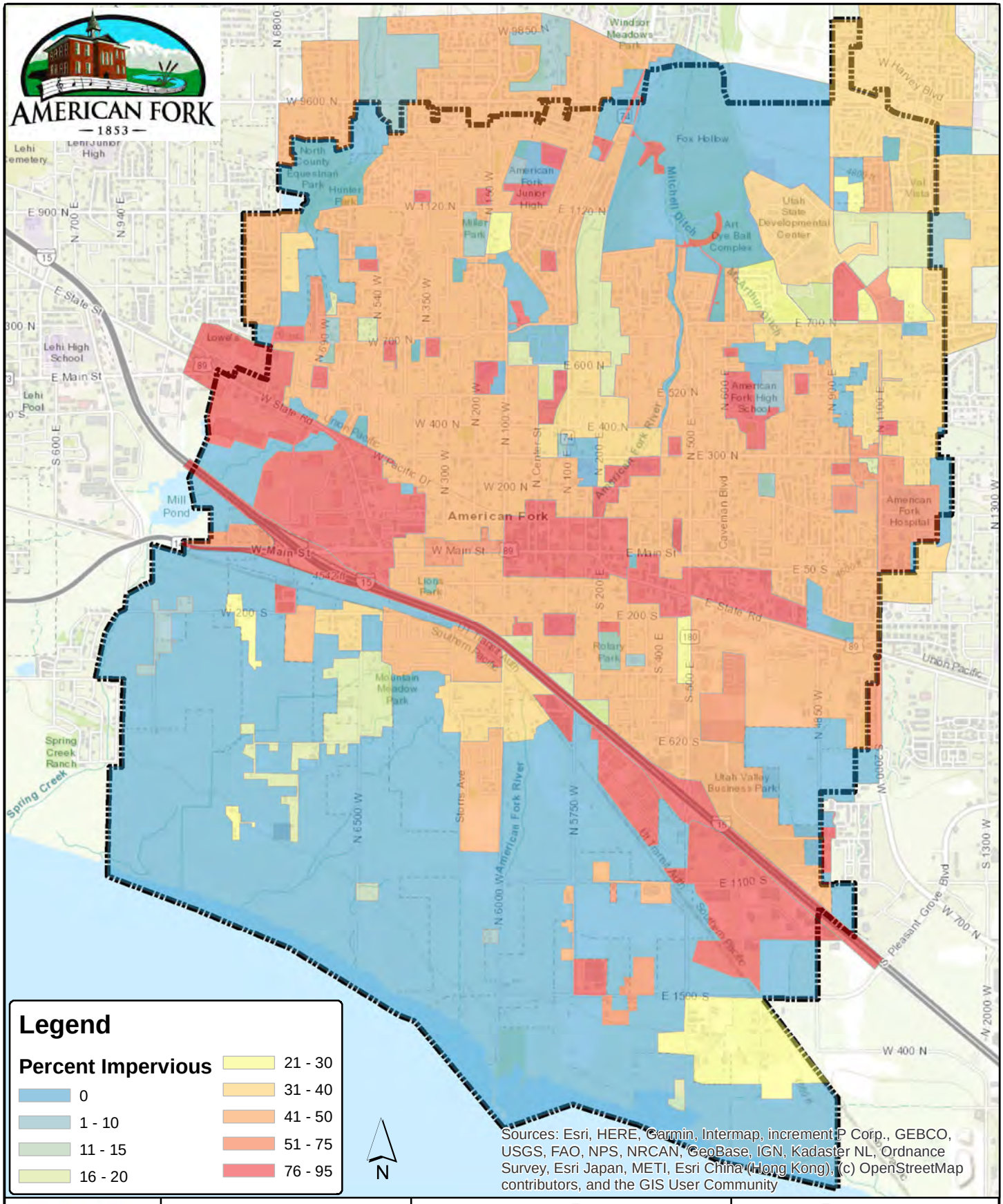
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Storm Drain Master Plan Update

Figure 2-3
Land Use Plan

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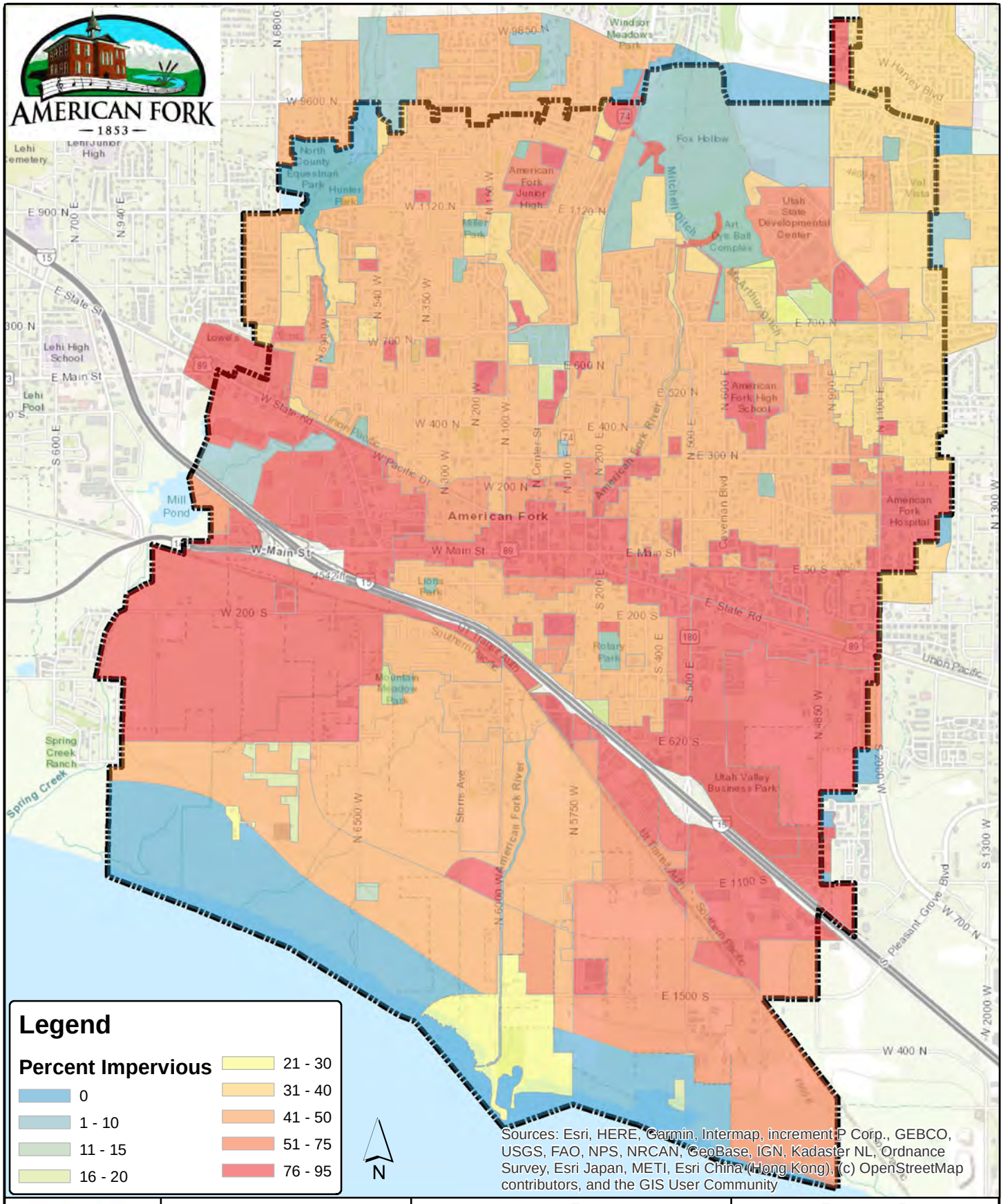
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Figure 2-4

Percentage of Impervious Area Based on Existing Land Use

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Figure 2-5
Percentage of Impervious Area Based on Future Land Use

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Prominent Physical Features

The geography of the service area includes several prominent physical features.

- Major Drainages – As stated earlier, the American Fork River runs north to south approximately through the center of the city. On the west side of town, water from Mitchell's Hollow flows through Meadow's Wetlands and Mill Pond into Spring Creek.
- I-15 – The major freeway bifurcates the city essentially north and south. Most of the development has occurred north of I-15, however, land south of the freeway will include additional residential, commercial, and industrial development.
- Major Streets – In addition to the freeway, several major arterial roads crisscross the service area including State Street (Main St), Alpine Highway (100 East), 1120 North, Pacific Drive, 500 East, and North County Boulevard (1100 East)
- Railroads – There are two railroads that largely parallel I-15, one north and one south of the freeway.
- Utah Lake – The southern boundary of the service area is the shore of Utah Lake. Topographically, this has the lowest elevation of the service area. The American Fork River, as well as other creeks and ditches, flow into the lake.

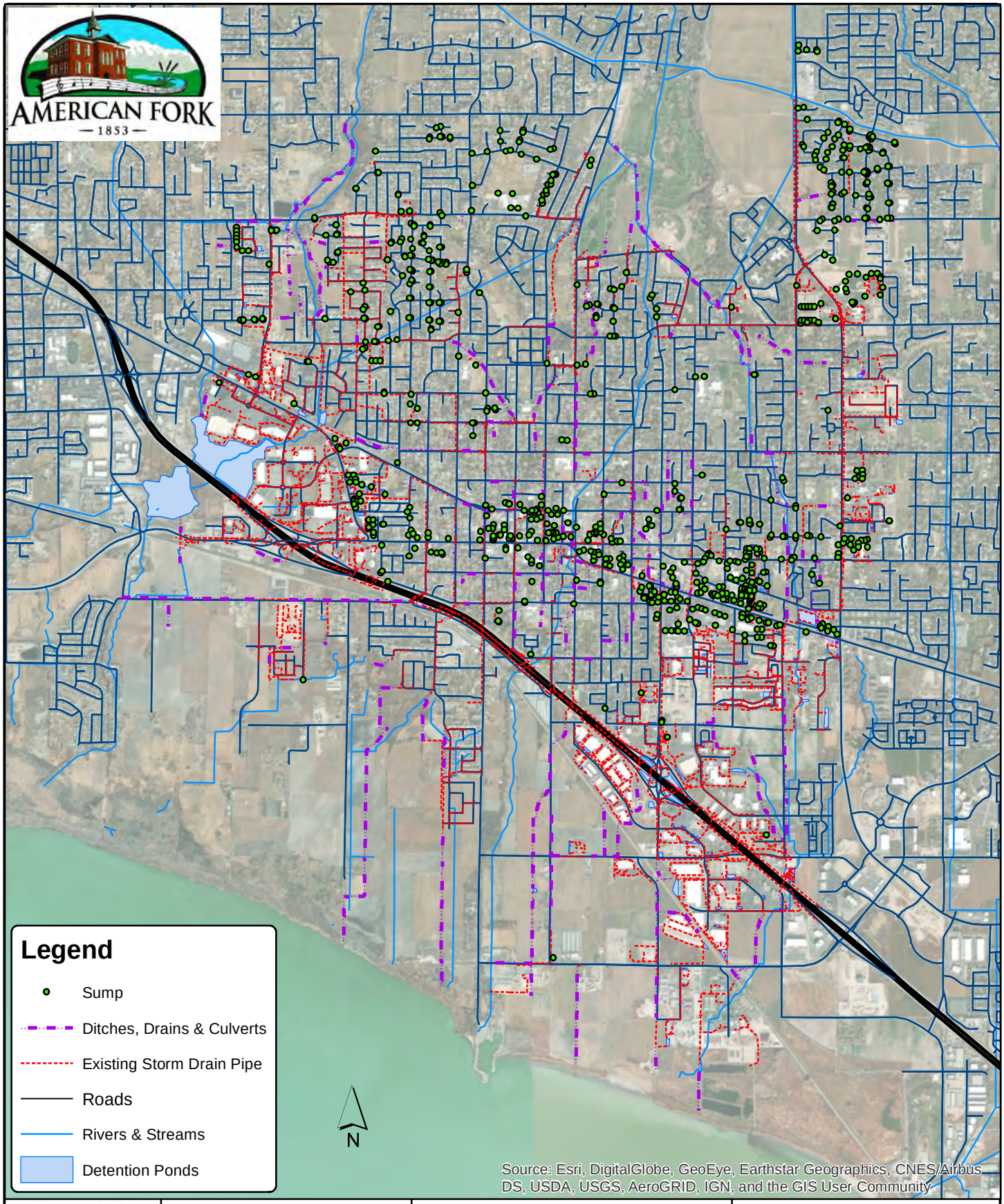
2.2. Existing Storm Drain and Hydrologic Features

Due to the topography, soil type, land use, and prominent features found within the American Fork service area, the existing storm drain system consists of various facilities that infiltrate, collect, transport, divert, and otherwise manage storm water. These features are shown in Figure 2-6.

Storm Water Sumps

A storm water sump consists of a Class V injection well consisting of some form of an infiltration system such as perforated pipe, inlet boxes, and/or manholes surrounded by drain rock that acts as an underground storage reservoir to retain storm water until it can percolate into the underlying soils. Sumps are historically used in areas with high infiltration rates (HSG A or B). As a result, they were commonly installed in the northern section of the service area. Figure 2-7 shows the location of the sumps and the soil types.

Previous master plans have identified that many of the sumps are not as efficient as they are expected to be. The causes are typically varied, but some of the more common are summarized in the sub-sections below. These conditions are not the only possible factors, and the actual problems can vary from site to site.



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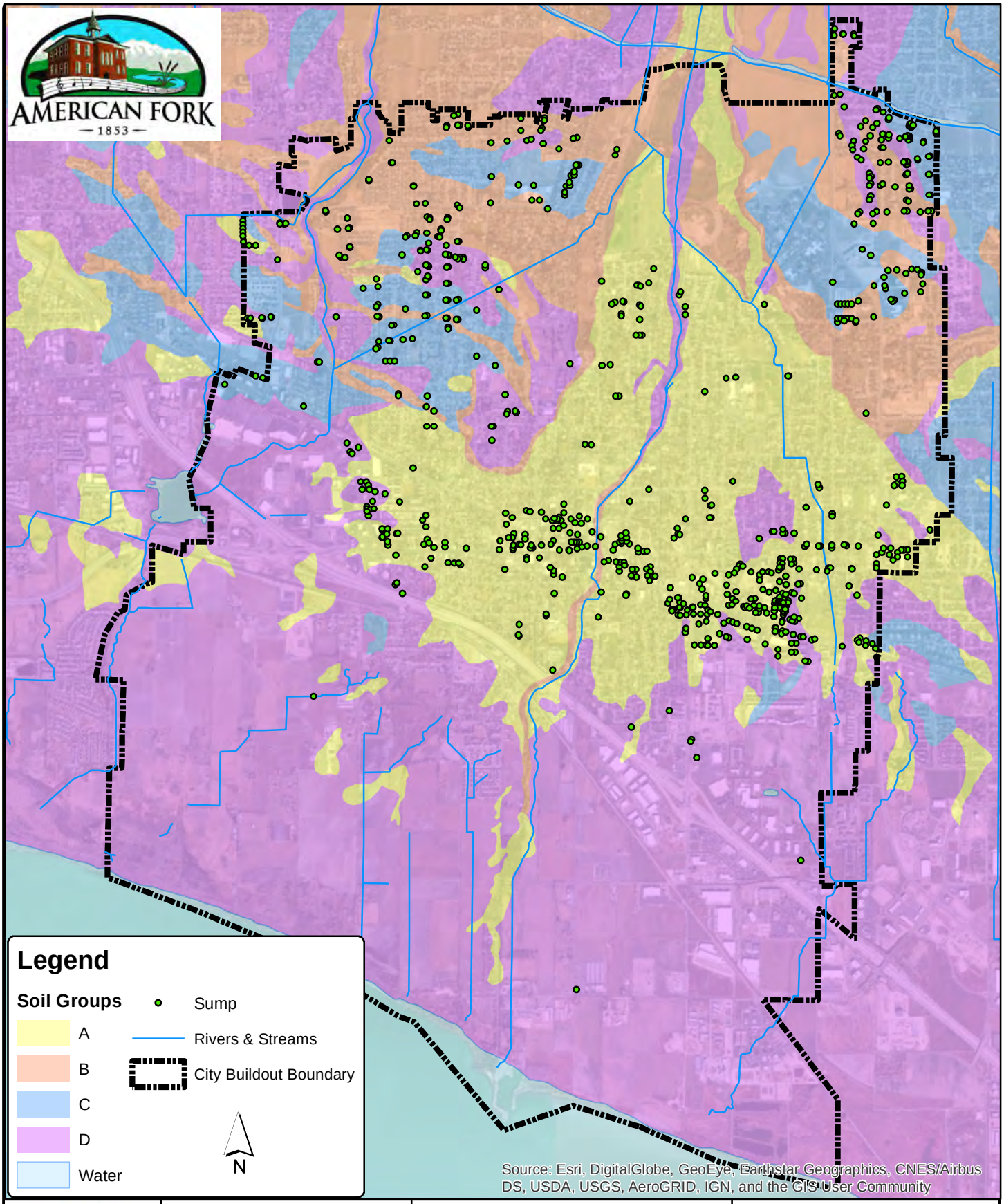
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Storm Drain Master Plan Update

Figure 2-6

Existing Storm Drain System

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FIGURE 2-7
SUMPS BY HYDROLOGIC SOIL GROUPS

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Organic Plugging:

Organic plugging or clogging occurs where nutrient rich waters fill the gravels and soils around the sumps and grow biologic scums and films. These scums grow, typically in a nearly anerobic conditions associated with an odor and plug the voids between the soil particles and the gravel. This effectively reduces the permeability of the surrounding materials and causes the sumps to eventually fail. Additional organic plugging can be caused by the accumulation of organic materials such as leaves and grass are trapped in the sump and begin to decay, forming a nearly impermeable layer of material. This is commonly a source of the nutrients that facilitate the growth of the biologic scums.

Inorganic Plugging:

Inorganic plugging or clogging occurs when silts, fine grained sediments, or other similar materials are washed into the sumps. These fine-grained sediments additionally plug the highly permeable soils or gravels around the sump by filling the void spaces and surface accumulation creating a nearly impermeable layer.

Garbage and Trash Accumulation:

Historically, sumps were designed integral with the storm drain inlets. As a result, accumulations of human trash such as plastic bottles, plastic bags, paper products, etc. plug the perforations or the outlets. Even though maintenance crews can clean the sump inlets regularly, the accumulation can occur quickly and be chronic in some areas.

Undersized Infiltration Areas

Typically, the infiltration areas are sized based on expected soil conditions. As a result, the actual soil conditions experienced can be quite different as a result of compaction during construction, differing localized soil conditions, soil contamination with finer grained materials that plug the void spaces, etc. This can also be caused by the overestimation of long-term infiltration capabilities of the surrounding soils.

Storm Drain Pipes

A limited portion of the City's existing storm drain system consists of storm drain pipe ranging in diameter from 4 to 60 inches. Not all the storm drain pipe is documented. The previously referenced Figure 2-6 shows the location of the known portions of the storm drain pipe system. In many areas, pipes convey storm water to sumps. In other areas, the pipes may convey the water to detention or retention ponds or outfalls. Commonly however, the storm drain pipe system conveys water to irrigation ditches or natural drainages, often providing continuity where ditches and channels have been filled in.

Irrigation Ditches

With the completion of American Fork City's pressurized irrigation project, most of the irrigation system was converted to pipe. Many of the remaining ditches were left in place for storm water collection and conveyance. The ditches City staff have identified as part of the system are included in the previously referenced Figure 2-6.

Creeks and Rivers

The American Fork River serves as a major conveyance channel for storm water as it collects water from the piped portions of the storm drain system as well as from remaining irrigation ditches. On the western boundary of the service area, Mitchell's Hollow also collects storm water and conveys it through Mill Pond to Spring Creek. These natural channels have been heavily modified since pioneer settlement. The City is currently designing a restoration project to repair and protect flood capacity within the channel at key structures.

Sloughs

On the south side of the service area, there are several sloughs which drain into Utah Lake. These are natural areas that collect surface runoff from surrounding lands, are typically wet all the time may consist of natural wetlands and weeds, and drain to the lake. While they are technically a natural storm water drainage, they are difficult to manage and maintain. Additionally, the water quality and water amount in the sloughs are tightly regulated. In 2008, the City passed a resolution (Resolution No. 2008-05-12R) regulating the discharge of storm water into the sloughs.

Detention Facilities

Many detention basins, both public and private, have been constructed throughout the service area. These are shown in the previously referenced Figure 2-6. The purpose of the constructed basins and the several natural ponds used in the storm water system is to manage peak storm water discharges and improve water quality prior to discharge. These basins are a combination of both dry ponds, that only have water in them during storm events, and wet ponds which have water in them all the time. The management and maintenance of these ponds is very difficult.

Dry ponds are typically landscaped with limited vegetation height and density. They collect the unregulated inflow, detain the water for a significant period of time to allow sediments to drop out and to reduce the outflow to a regulated flowrate. Maintenance is typically limited to landscape maintenance and periodic sediment and debris removal.

Wet ponds are typically natural or manmade water bodies with a constant flow of water out of them. In Utah they are commonly filled with cattails, hard stem bulrush, phragmites, and other wetland vegetation. This vegetation not only retards the flows through the ponds, but also provides filtration on top of the gravity settlement of particles. The result can be better than dry ponds under the "right" conditions. However, the vegetation can also cause short circuiting of flows which can reduce detention times and reduce water quality benefits under the wrong conditions. Each pond is unique in its own functionality.

Utah Lake

Utah Lake is a 303(d) water body and is considered hypereutrophic with many nutrients such as phosphorus and nitrogen. A water quality plan is in development which will lead to a full TMDL with numeric criteria for implementation intended to improve the water quality of the lake. This will be further driven by the presence of the endangered June Sucker. Utah Lake additionally has very publicized issues with blue-green algae blooms, so the regulations will only get tighter regarding phosphorus and nitrate discharges and more difficult to meet in the future.

3. Storm Water Analysis

In order to evaluate American Fork's existing storm drain system and determine improvements for the future, a model was developed to analyze the service area both hydrologically and hydraulically. This was done using a combination of GIS software, such as QGIS, ArcGIS, and Storm and Sanitary Analysis, a hydrologic and hydraulic modeling application.

Two models were analyzed for this master plan. The first was a model of the existing system as provided in the City GIS data using existing land use, and existing impervious areas. The results of the existing model will be used to locate areas that are deficient, and projects will be identified to address the deficiencies.

The future model used the future land use to estimate the future impervious areas which will increase the SCS curve number for the area. With this information, future deficiencies were located, and future projects were identified to address the deficiencies as well as future growth.

3.1. Drainage Basin Delineation

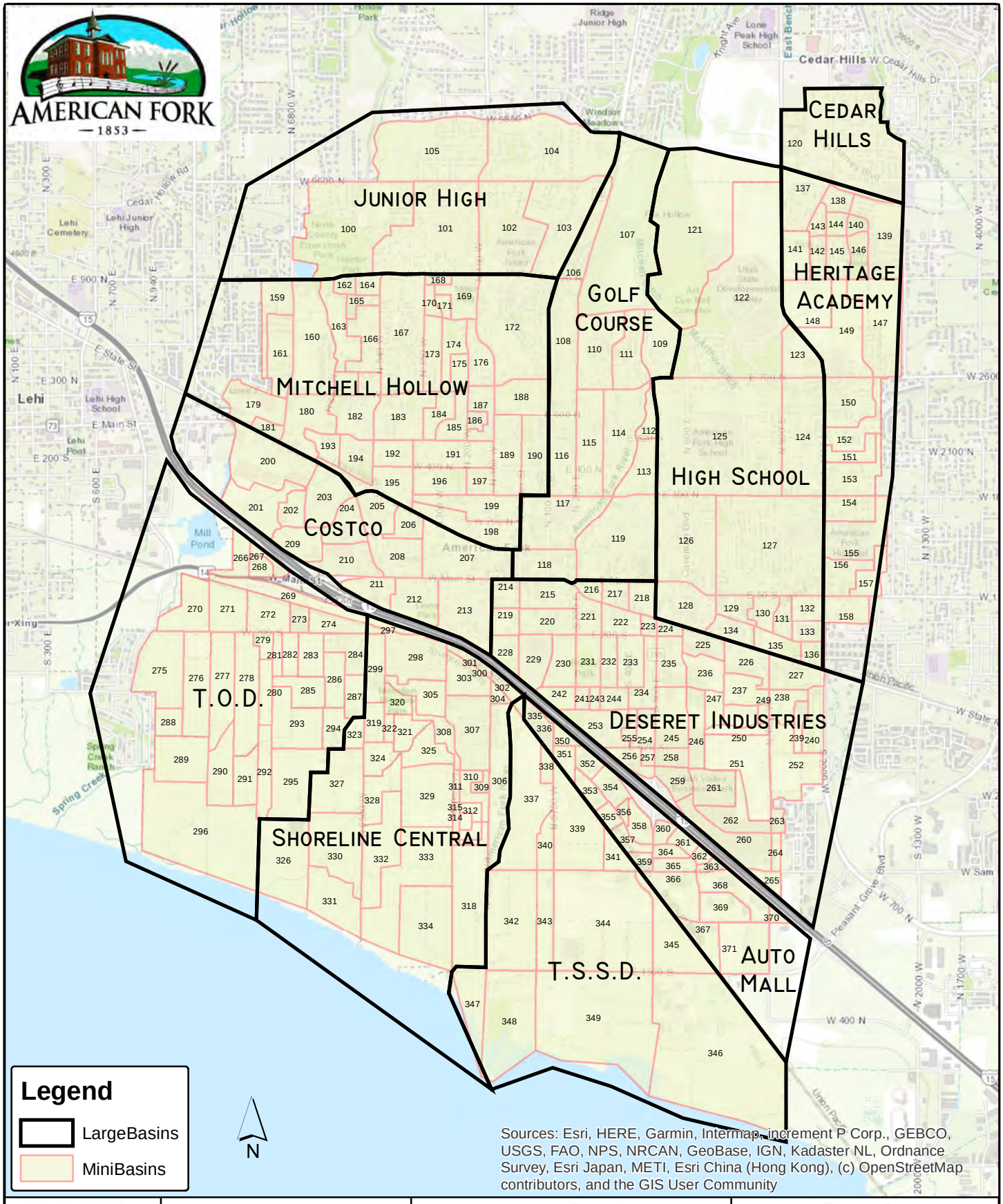
The first step of the hydrologic analysis was to delineate drainage basins as shown in Figure 3-1. Topographic features including roads, existing streams, rivers, and sloughs, and the existing storm drainage infrastructure were imported from the AGRC and City websites. The service area was divided into 12 main drainage basins using these features as boundaries. Each of the 12 basins were then manually delineated further into several sub-basins using topography and existing storm drain facilities. There is a total of 272 sub-basins.

3.2. Hydrologic Modeling Parameters

The SCS curve number method, as described in the Natural Resource Conservation Service's (NRCS) Technical Release 55 – Urban Hydrology for Small Watersheds (TR-55), was used to estimate runoff from each sub-basin. This method is also described in detail in the American Fork Storm Drain Technical Manual. Two models were created to show existing and future conditions.

Composite Curve Number

A composite curve number was established for each sub-basin based on the hydrologic soil group and the percentage of impervious area. The hydrologic soil group was obtained via the NRCS Web Soil Survey Website and accessing Soil Survey Geographic database (SSURGO). TR-55 was used to estimate the curve number associated with the soil type and the land use assuming an antecedent soil moisture condition of II. The areas of the soil and curve numbers were overlapped with the sub-basins and the composite curve number was found using a weighted average of the curve number and area. Table 3-1 indicates the curve numbers used in the storm drain model. Figure 3-2 shows the composite curve number for each sub-basin.



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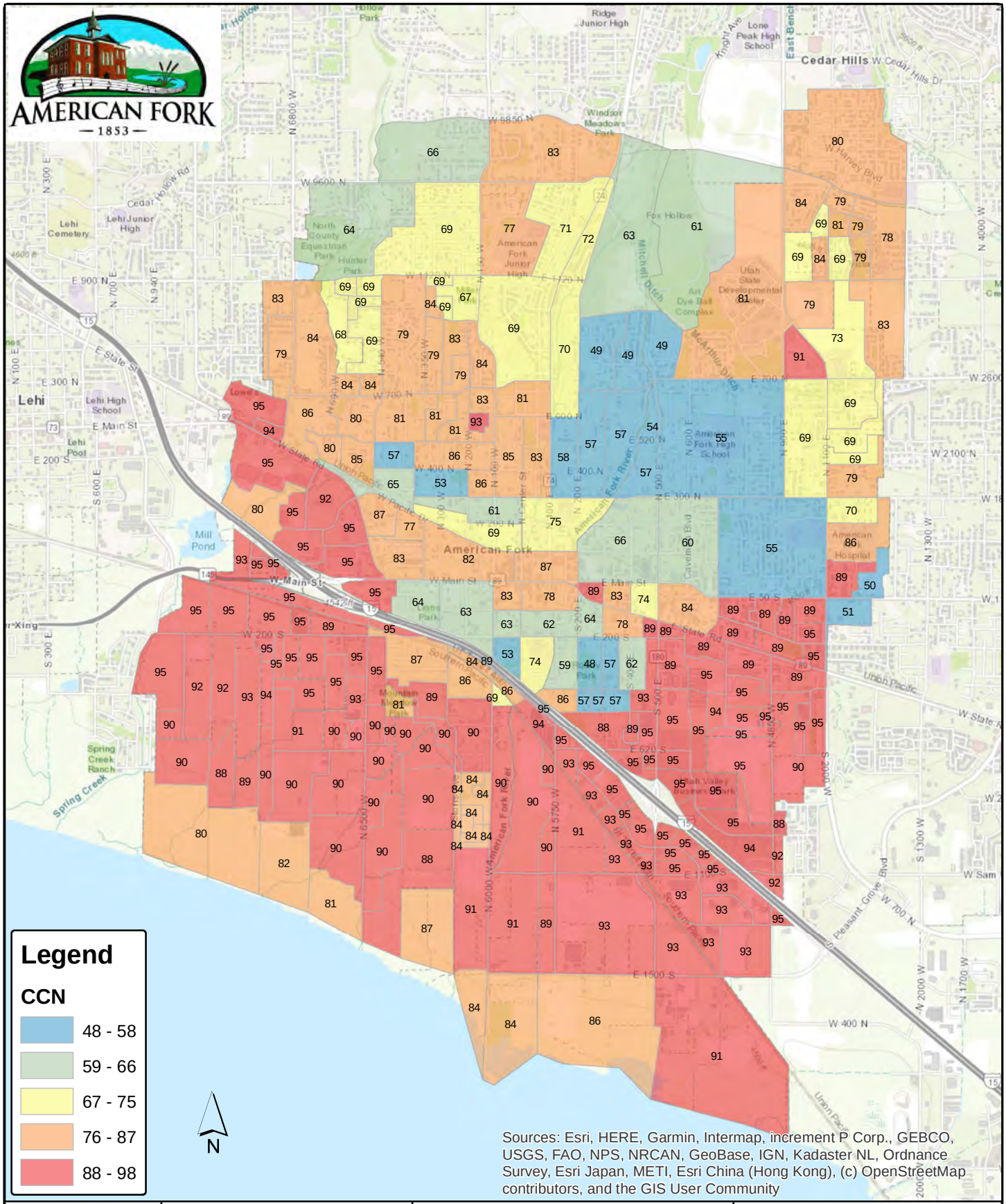
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Storm Drain Master Plan Update

Figure 3-1
Drainage Basins

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AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 3-2

HYDROLOGIC SUBBASINS COMPOSITE CURVE NUMBER

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Table 3-1: Recommended Curve Numbers from TR-55

Soil Type & Curve Number				
A	**B**	**C**	**D**	**From Table 2-2 in TR-55**
39	61	74	80	Pasture or range land: good condition
39	61	74	80	Open Spaces - Grass cover on 75% or more of the area
49	69	79	84	Open Spaces- Grass cover on 50% to 75% of the area
51	68	79	84	Residential 20% impervious
54	70	80	85	Residential 25% impervious
57	72	81	86	Residential 30% impervious
61	75	83	87	Residential 38% impervious
77	85	90	92	Residential 65% impervious
81	88	91	93	Industrial districts 72% impervious
89	92	94	95	Commercial and business areas 85% impervious
98	98	98	98	Streets, roads, parking lots, driveways, etc.

Time of Concentration

The time of concentration is the time required for water to travel from the most hydraulically distant point in the sub-basin to the point of analysis. The time of concentration was found using SCS-TR-55 method. The Storm and Sanitary Analysis program has this method built in and was used to find the time of concentration. Figures 3-3 and 3-4 show an example of a time of concentration calculation within the Storm and Sanitary program.

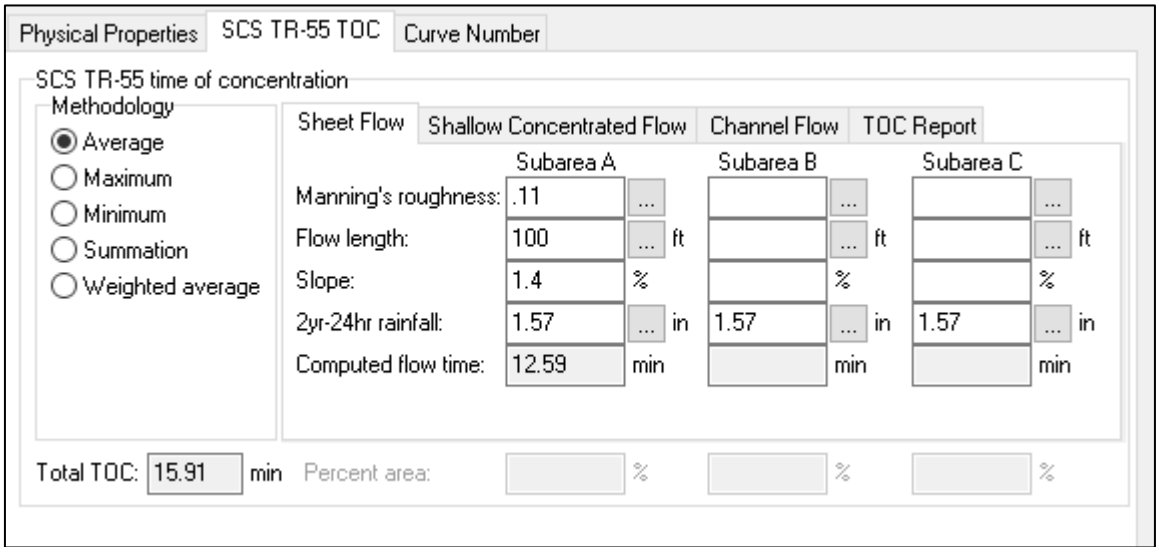


Figure 3-3: Storm and Sanitary Time of Concentration Calculation

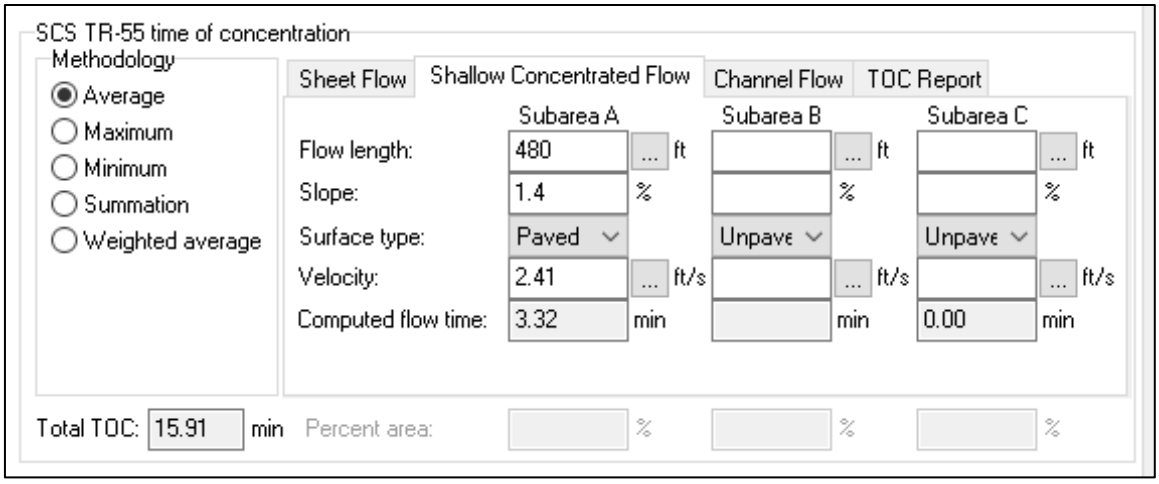


Figure 3-4: Storm and Sanitary Time of Concentration Calculation

Existing and Future Values

For the area north of the freeway the existing and future values are very similar for the curve numbers and time of concentration because the area has little room for future development. Open areas of 5 acres and greater with a potential for development were located and the curve number and time of concentration were adjusted accordingly. For the area south of the freeway there is little to no storm drain facilities besides sloughs and ditches which were not modeled as part of this master plan, so the existing model did not indicate areas of deficiency.

3.3. Design Storm Parameters

The storms modeled in this plan come from the AF City Storm Water Technical Manual Appendix D. The plan indicates that the design storm used to size storm drain pipe is the 25-year storm event with a duration approximately equal to the time of concentration and a Farmer-Fletcher type of storm distribution. The design storm used to size the detention facilities is the 100-year storm event with a maximum release rate of 0.20 cubic feet per second per acre of development again using a Farmer-Fletcher type of storm distribution.

The storms modeled as part of this plan are the 25-year 3-hour storm, 100-year 24-hour storm, and 100-year 24-hour duration storm two days in a row. The 25-year 3-hour storm was used in the area north of I-15 to determine pipe size. In the area south of I-15 the 100-year 24-hour storm was used to model pipe sizes and detention basins. Detention basins are required for new development in the areas south of I-15 as determined in the June 7, 2017 Storm Drain Master Plan Amendment. The 100-year 24-hour storm was run in the south area because the 25-year detention basins in the south could potentially fill without releasing and the full storm infiltrate into the sub-basin and not convey water into the storm drain system. If there was no conveyance of water, then the storm drain system would be undersized.

Storm Distributions

The AF City Storm Water Technical Manual Appendix D indicates that the Famer-Fletcher type of storm distribution should be used when designing storm drain facilities. The City has created Farmer-Fletcher distributions to be used when modeling and they are shown in Figures 3-5 and 3-6 below.

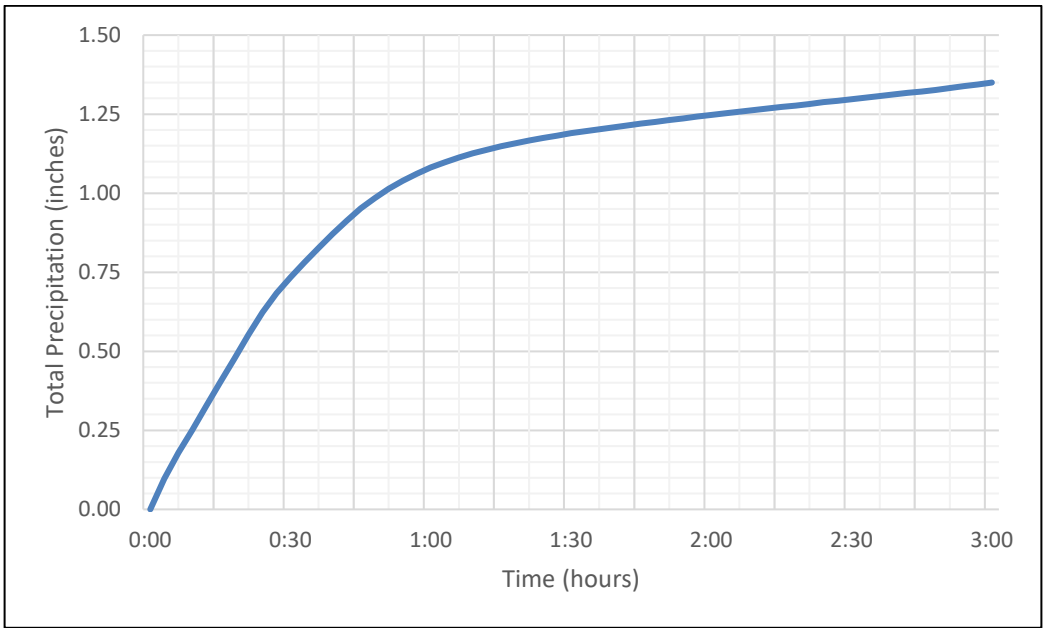


Figure 3-5: Rainfall Curve for 25-year 3-hour Duration Storm

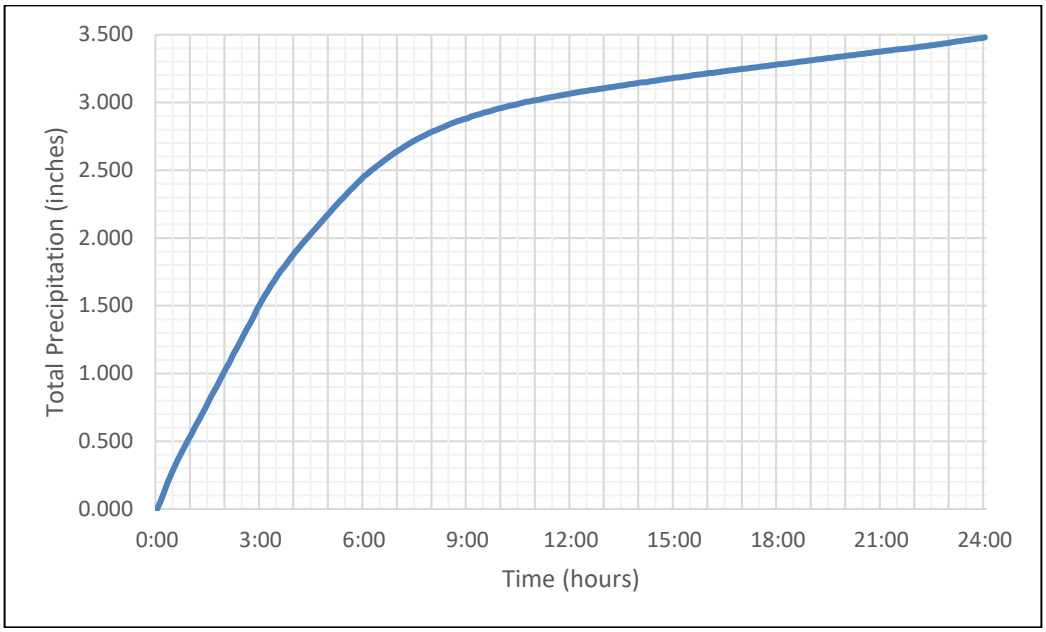


Figure 3-6: Rainfall Curve for 100-year 24-hour Duration Storm

3.4. Hydraulic Parameters

Modeling Pipelines

To model the existing storm drain system, data from the City GIS was used. This data included existing pipeline and ditch alignments, and locations of facilities including manholes, inlets, discharge points, and detention basins. Where the data had attributes such as pipe diameter, pipe material, rim elevation, or inlet pipes these were used in the model. In order to model the storm

drain system, assumptions were made where data was missing or incomplete. Below are the assumptions that were made regarding the hydraulic portion of the modeling.

- The data provided by the City contained many pipe segments that did not have a material type associated with it. For segments with a diameter 12 inches and above the material was modeled as reinforced concrete pipe (RCP). Segments with a diameter less than 12 inches was modeled as ductile iron pipe (DIP). These pipe types will reflect materials that are rougher and represent more conservative conditions that PVC or ADS pipe.
- There are open ditches that convey storm water throughout the city. The ditches were represented in the model as if they were pipes. The diameter of the pipe was determined by the pipes that are connected to the ditch. If there were differing diameters, the smaller diameter was used. The material of the pipe was also the material of the smaller diameter pipe.
- The data provided by the City included many short segments of pipe that are listed with a zero-inch diameter. The short segments included an inlet structure and a manhole. For each of these segments it was assumed that these are sumps that are not connected to the larger storm water system.
- There are many other pipe segments that are listed with a zero-inch diameter. The assumed diameter was the smaller diameter of the pipes connected upstream or downstream.
- There are many pipe segments, manhole points, and other points that do not have elevation data included. A 0.5-meter LiDAR ground surface model was used to assume the missing rim and invert elevations. A minimum slope of 0.2 percent governs.

Open Channels

There are many ditches throughout the city that convey storm water. As stated in the assumptions above, the ditches throughout the city were modeled as the culvert or pipe connecting to the ditch.

The rivers and creeks throughout the city were modeled for conveyance purposes only. This way, peak flows could be estimated and routed through existing pipes.

The sloughs south of I-15 were modeled as outfalls for existing conditions and assumed that they carried the required water to Utah Lake. Sloughs are the current method of getting water to Utah Lake. When modeling the future storm drain system for full build out south of I-15, it was assumed no water would be discharged into the sloughs and developers would be required to detain water, with a limited discharge into the storm drain system. A June 7, 2017 Strom Drain Amendment written by Bowen, Collins and Associates specifically addresses sloughs south of I-15. This amendment states that the sloughs will be piped and 0.2 cfs/acre of water will be detained onsite. Springs that may be present onsite will have to be addressed on a case by case basis.

I-15 Storm Water Pipes

The UDOT storm drain system was not modeled as part of this master plan. It was assumed that UDOT has designed their detention basins and discharges adequately. If there were any deficiencies, then UDOT would be responsible for upgrading their system.

Detention Basins

There are several detention basins throughout the city, both city owned and private basins, but there aren't any stage-storage curves available. The following methods were used to model the detention basins.

- Existing topography - The 0.5-meter LiDAR data was used to estimate the depth of the detention basin. The invert of the pipe leaving the basin was set below the maximum elevation of the basin and the model computed how much discharged from the basin.
- Dummy basins - A basin was created with a "dummy" storage function to store the water and then a stage discharge curve was created to allow discharges from the basin that met AF City requirements. The City requires that a maximum of 0.2 cfs is discharged from a development and this method allows for runoff values that will be closer to future conditions. This method was primarily used in the south to represent future detention basins that will be constructed with new development.

Sump Effectiveness

In certain areas on the north side of the city, sumps have proven to be an effective method of storm water exfiltration. To model sumps, the area of runoff captured by a sump was estimated by using the AF GIS data and aerial imagery. The runoff was then split into percentages captured by the sump and by the city storm drain system. The sump was represented by an outfall and the remaining flow would enter the city storm drain.

Sumps are best used when surrounding soils allow the water to infiltrate such as hydrologic groups A and B. As indicated in the soil map in Figure 2-7 there are no areas south of I-15 where sumps are expected to be effective because the soil types are mostly D. No new sumps were modeled in the north or south areas.

3.5. Storm and Sanitary Model

Model Settings

The Kinematic wave routing method was used to calculate the hydraulic portion of the model. Kinematic wave routing provides a non-linear reservoir formulation for channels and pipes. For more information on the Kinematic wave routing method, refer to the help document provided with the modeling software.

The model was set to run for six hours past the input rainfall event to ensure that the detention basins had emptied and ensure that the time of concentration had been exceeded. For example, the model was simulated for 30 hours during the 100-year 24-hour rain event.

The city was split up into two separate models modeling the north and south areas of the city. The north model was computed first and the discharges from the north model were input as inflows in the south model. Figures 3-7 and 3-8 show the model as set up in Storm and Sanitary.

3.6. MS4 Requirements

Storm Drain Applications

FCE is aware of the state and federal MS4 requirements, specifically regards to infiltrate, evaporate or reuse the 80 percentile of all storm events. The storms used in this report to size the pipe lines do not fall in the 80 percentile all storm events because the volume of runoff is significantly larger than the 80 percentile storms.

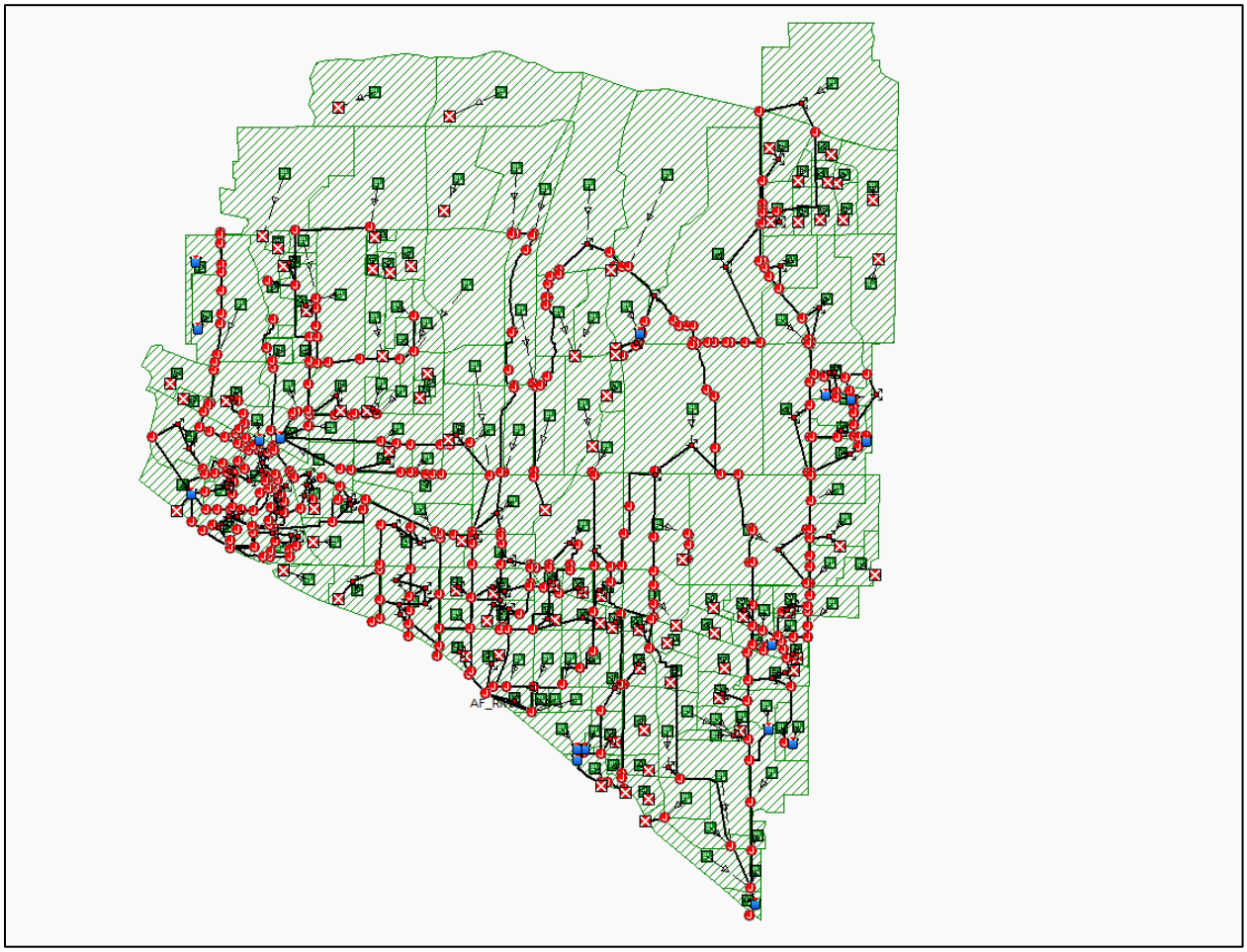


Figure 3-7: Model of north area with future conditions.

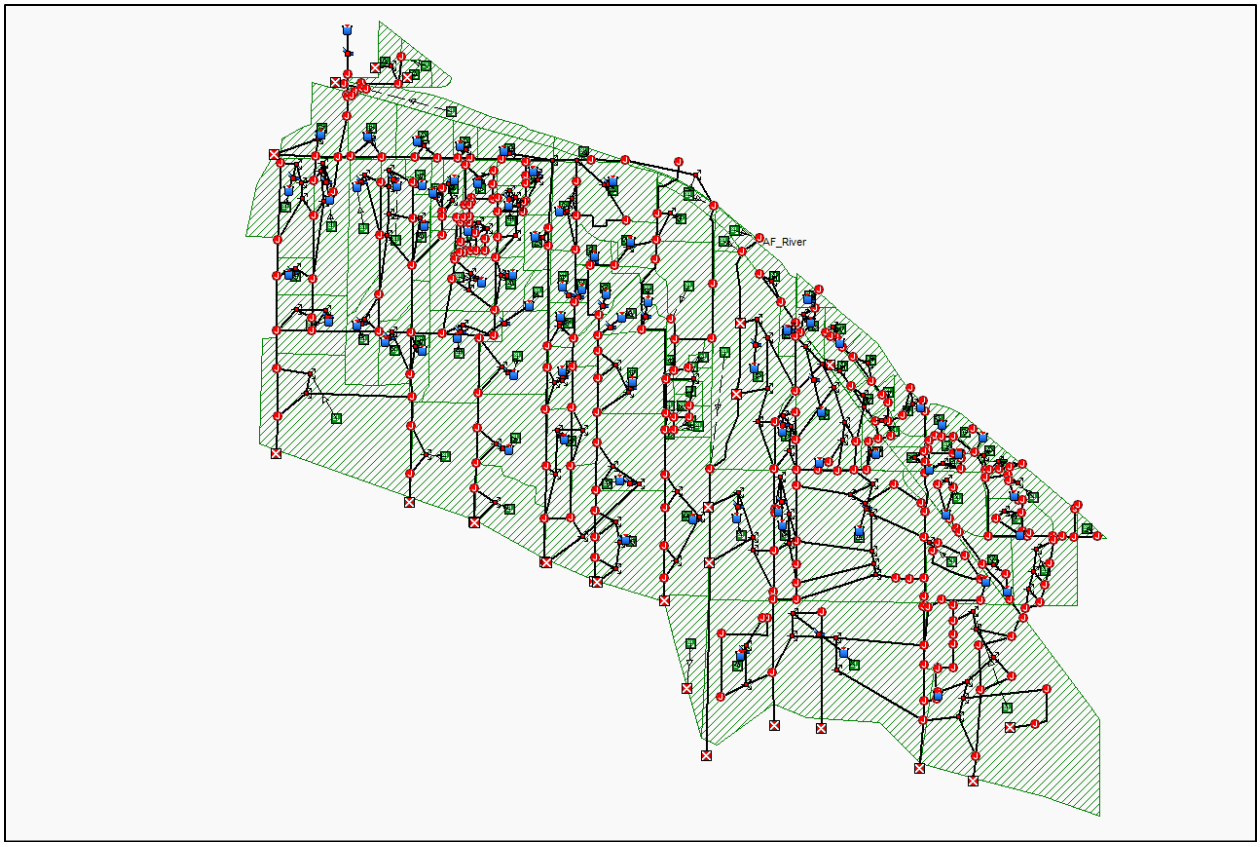


Figure 3-8: Model of south area with future conditions.

4. System Evaluation Criteria and Level of Service

Storm drainage level of service is determined based on the ability of the infrastructure to handle the expected flows under the various design events. As previously stated, the 25-year 3-hour storm was used in the area north of I-15 to determine pipe size. In the area south of I-15 the 100-year 24-hour storm was used to model pipe sizes and detention basins. As a result, the following conditions have been established for determining the level of service (LOS) of each part of the infrastructure.

4.1. Storm Drain Pipelines

The existing storm drain pipes and mains were modeled based on the criteria established in Chapter 3. The following criteria were used to determine the LOS.

- Fails: Pipes are surcharged under the existing conditions and the applied 25-year north area and 100-year south area storm event. Flooding has been seen in these areas by City staff under extreme events or is documented in previous master plans and further improvements have not yet been implemented.
- Fair: Pipes are surcharged under the existing conditions and the applied storm event. However, flooding has not been regularly experienced under extreme events.
- Good: Pipes are not surcharged under existing conditions during the applied storm event but are surcharged under the proposed land development.
- Excellent: Pipes are not surcharged under the existing or proposed future conditions during the applied storm event.

Figure 4-1 identifies the storm drain pipes and the associated LOS for all the pipes in the American Fork system.

4.2. Open Channels

Open channels are modeled based on the criteria established in Chapter 3. The following criteria determine the LOS where data on the channels, beyond locations, have been provided by City staff.

- Fails: Channels are surcharged under the existing conditions and the applied storm event. Flooding has been seen in these areas by City staff under large events and/or have difficult or restricted access for maintenance.
- Fair: Channels are surcharged under the existing conditions and the applied storm event. However, flooding has not been regularly experienced as reported by City staff under extreme events and maintenance is reasonably accomplished.
- Good: Channels are not surcharged under existing conditions but are surcharged under the proposed land development. This particularly applies to the agricultural areas where flooding is not an issue.
- Excellent: Channels are not surcharged under the existing or proposed future conditions.

Open channels consist of both naturally occurring water ways such as the American Fork River and Spring Creek, irrigation ditches, and drainage ditches. Additionally, culverts were assumed to be part of the open channel infrastructure.

Figure 4-2 identifies the open channel drains and natural water ways and the existing LOS based on the modeling completed. Figure 4-3 includes the irrigation ditches and culverts used for storm drainage conveyance and the related LOS of each.

4.3. Detention Basins

Detention Basins were modeled based on the volume required compared to the volume available at each location. The existing GIS data provided a potential area, but no information necessary to accurately calculate an area-storage-discharge curve. Where topographical information was readily available, the depth of the ponds, particularly the dry ponds, was used to estimate the storage as discussed in Chapter 3. LOS for detention basins were evaluated based on the following criteria.

- Fails: Detention basin volumetric requirements are exceeded commonly under the existing conditions and significantly less than the 25-year storm event. Flooding has been seen in these areas by City staff under extreme events or is shown in the model to require more than one foot of depth of additional storage.
- Fair: Detention basins volumetric requirements are nearly met in the 25-year storm event (not overflowing by more than 1 foot) but are exceeded in the 100-year event under existing conditions. However, flooding has not been regularly experienced as reported by City staff under extreme events.
- Good: The detention basins meet the volumetric requirements under existing conditions in the 100-year event but fail under the proposed land development.
- Excellent: The basins meet all volumetric requirements under the existing or proposed future conditions. It is assumed that all the private development-based detention basins have been designed to meet this criterion per the AFC Storm Water Technical Manual.

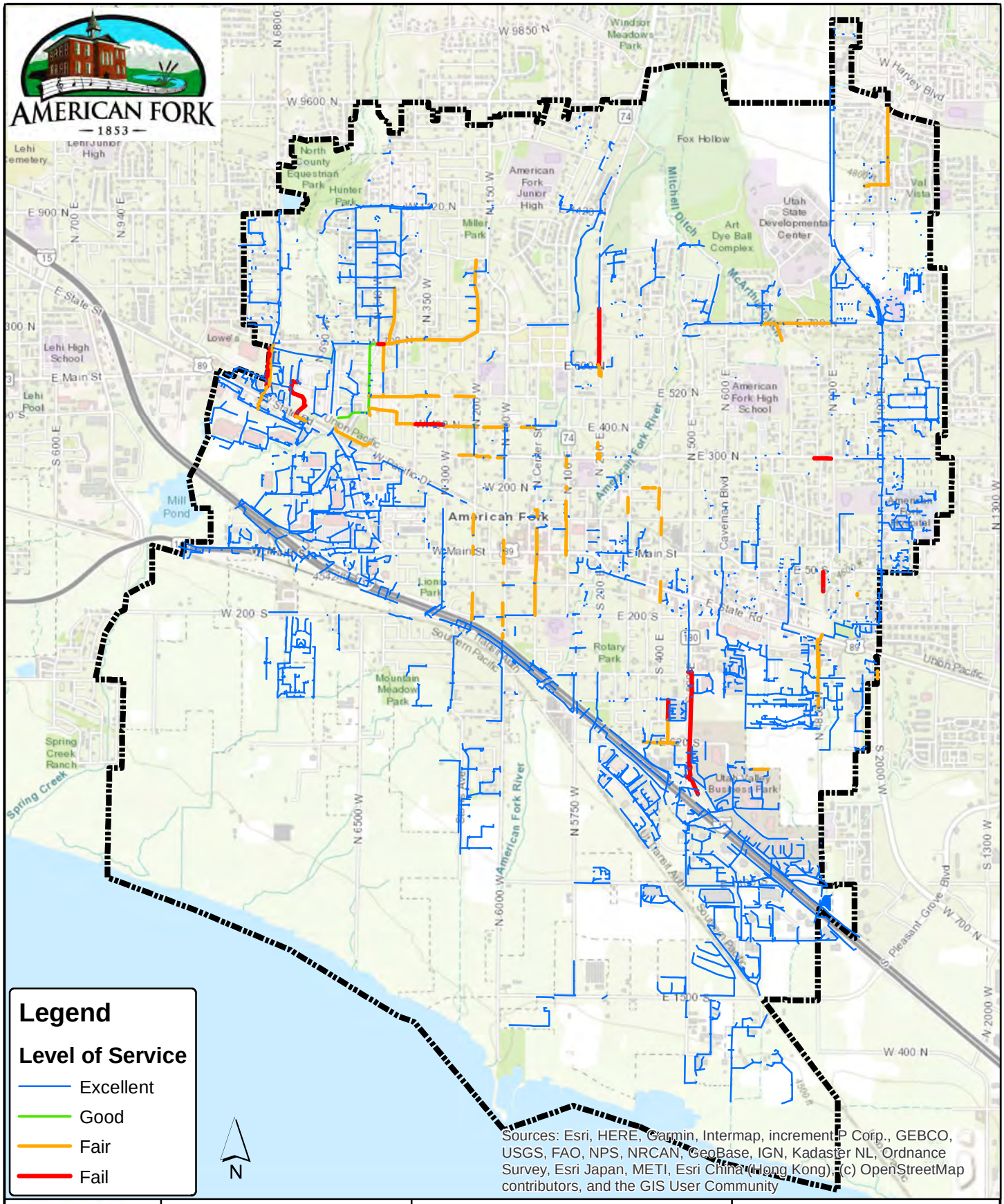
Figure 4-4 shows each of the detention basins and the associated LOS.

4.4. Sumps

Sumps were evaluated based upon the soils they are installed in, the results of previous master plans, and the observations of City staff. The LOS of the sumps were evaluated based on the following criteria.

- Fails: Sumps are commonly flooding during large events for extended periods of time, typically greater than one-hour, based on City staff observations.
- Fair: Sumps are only occasionally flooding for short periods of time, typically less than one hour, in large events due to the local soil conditions or possible issues discussed in Chapter 2.
- Good: The sumps are not flooding during events under existing conditions, but are expected to flood under future conditions.
- Excellent: The sumps are not expected to flood under either current or future conditions.

Figure 4-5 shows the distribution of sumps and the expected LOS.



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PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	3/13/2020

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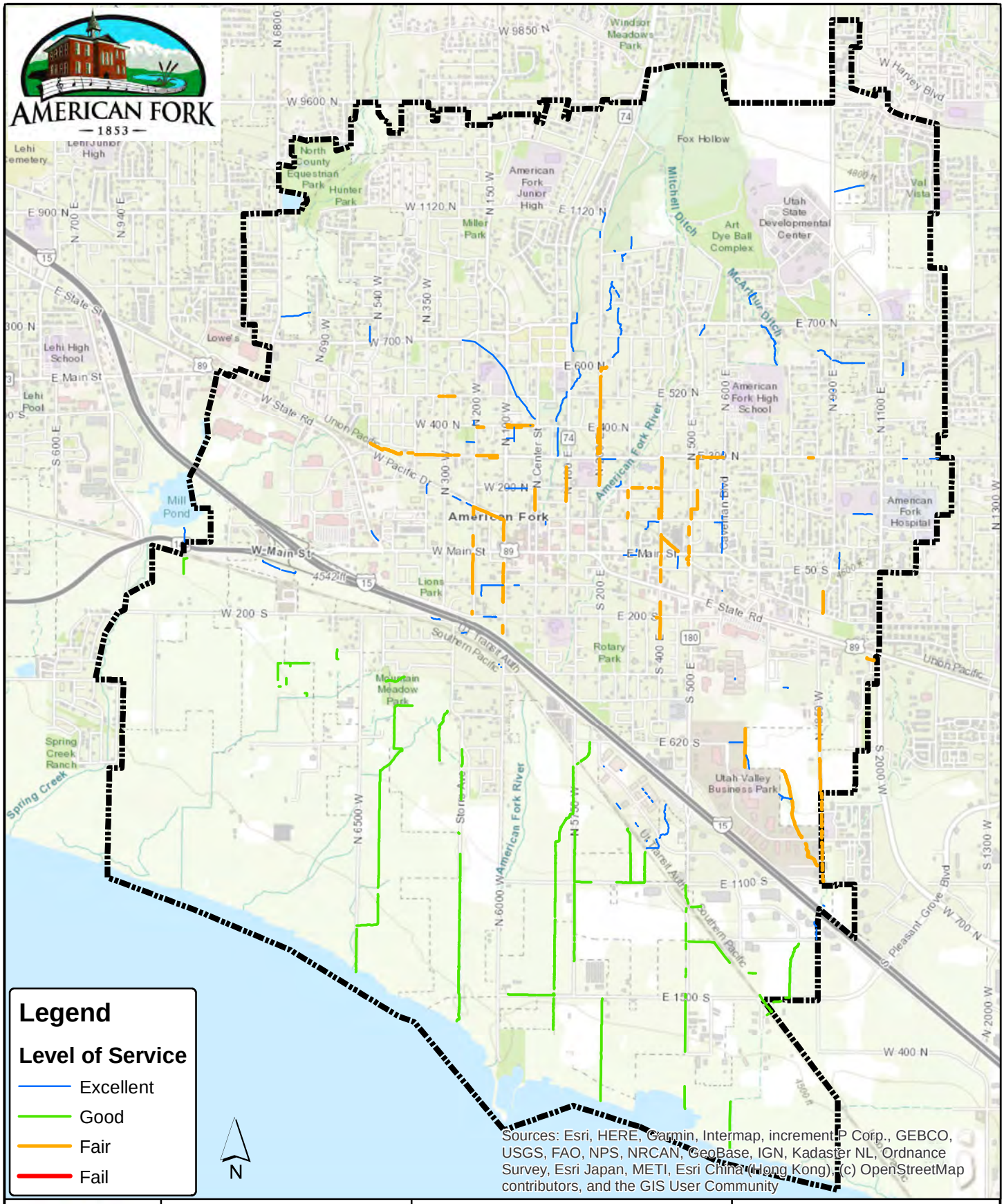
AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 4-1

LEVEL OF SERVICE FOR STORM MAINS

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PROJECT LEADER:	Lane Pierce
DRAFTSMAN:	Lon M Franson
DATE:	3/13/2020

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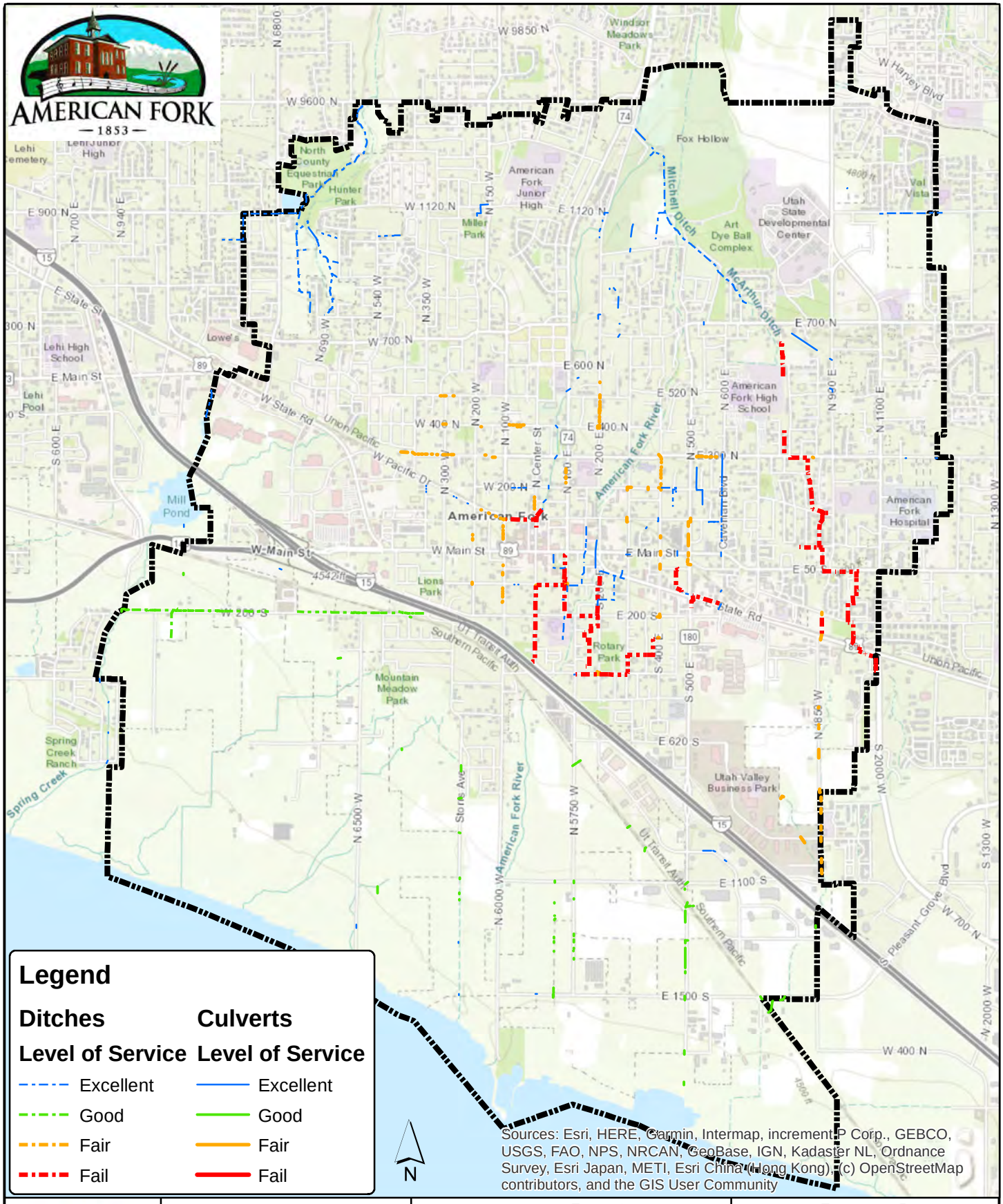
American Fork City

Storm Drain Master Plan Update

Figure 4-2

Level of Service for Open Drains

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FRANSON CIVIL ENGINEERS

PROJECT LEADER:	Lane Pierce
DRAFTSMAN:	Lon M Franson
DATE:	3/13/2020

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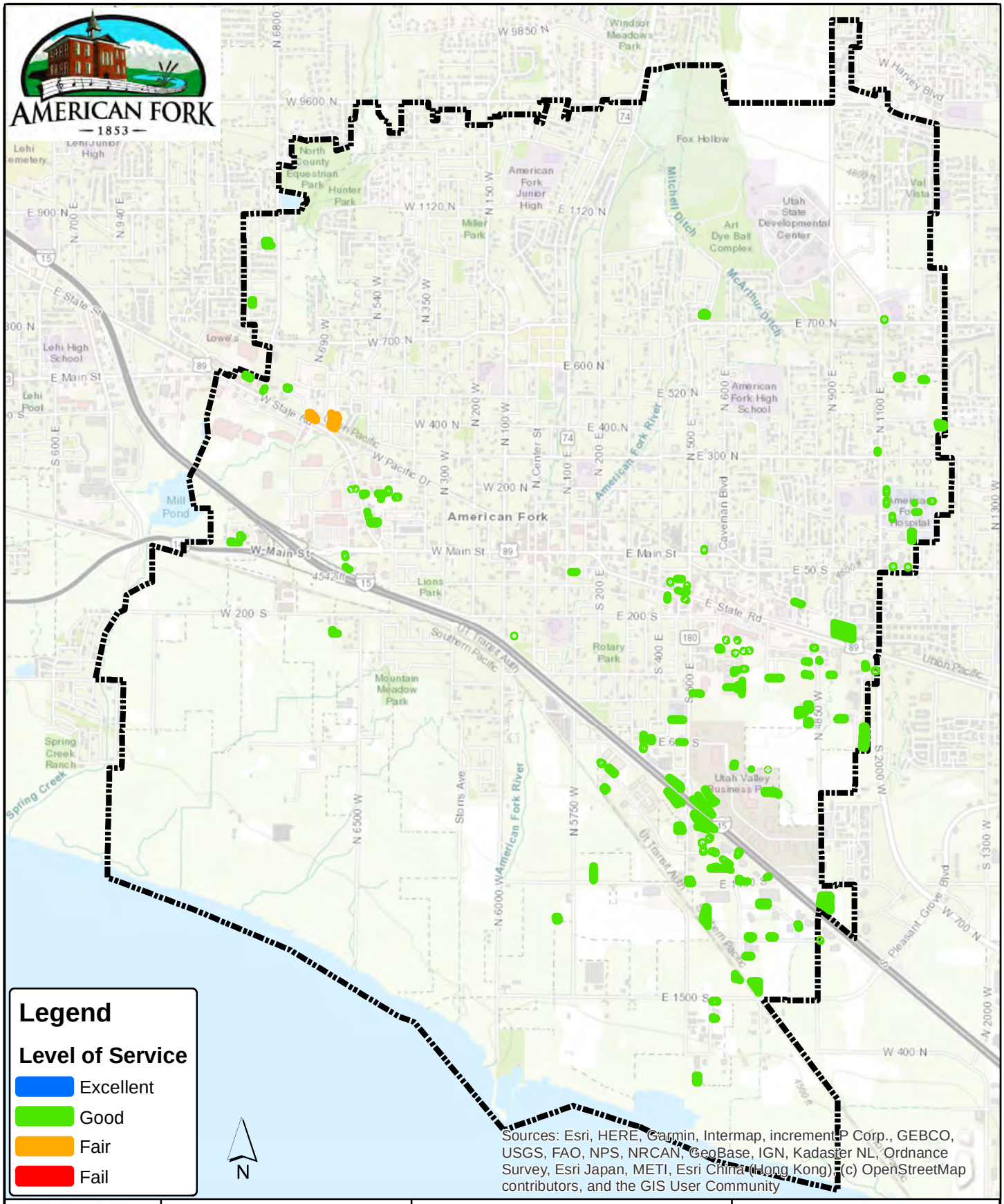
American Fork City

Storm Drain Master Plan Update

Figure 4-3

Level of Service for Culverts & Ditches

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FRANSON CIVIL ENGINEERS

PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	4/17/2020

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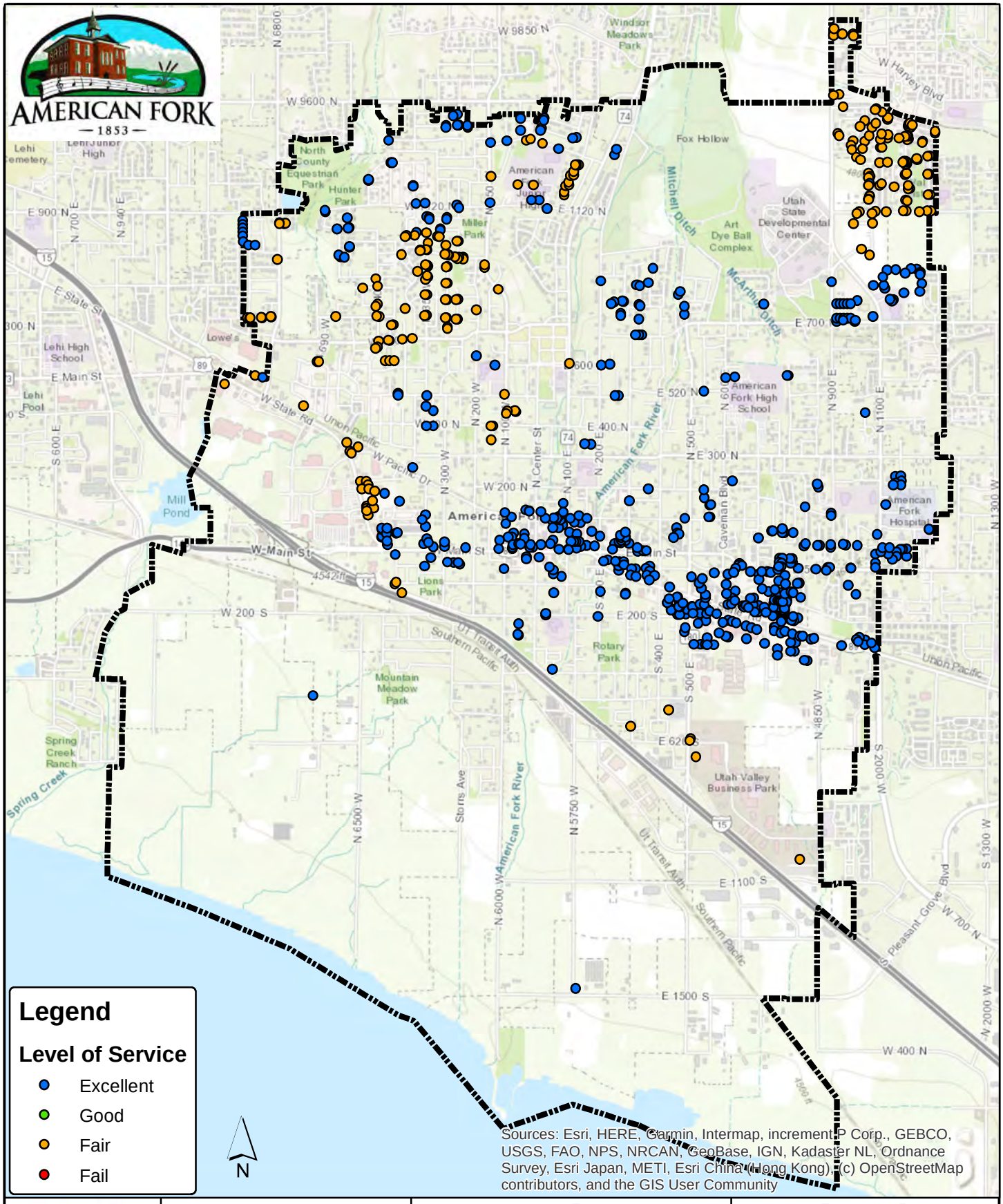
AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 4-4

LEVEL OF SERVICE FOR DETENTION PONDS

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 4-4 Detention.mxd



FRANSON CIVIL ENGINEERS

PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	3/13/2020

Miles
0 0.25 0.5 1

AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 4-5

LEVEL OF SERVICE FOR SUMPS

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 4-5 Sumps.mxd

5. Recommended System Improvements

A hydraulic model was created to model the future conditions. The model incorporated the AF City land use map to determine future development locations and densities. The model incorporated these land uses by updating impervious soil percentages. Impervious soil percentages we used to calculate the curve number used in the model. The model was then run to determine locations in which pipes, drainage basins, sumps or other storm drain facilities are insufficient. This chapter will outline projects that will be necessary to meet the future demands placed upon the storm drain system.

5.1. Types of Recommended Improvements

There are various components to the City's storm drain system, the major components being sloughs, ditches, sumps, pipes and detention basins. Each of these components plays an important role in the storm drain system. When evaluating future projects, it is important to select the proper component to address the necessary system upgrade. A brief description for each of the major components are described below:

Sloughs – Sloughs are natural drainage ditches being used throughout the city to collect and transfer storm water or used to convey irrigation water related to agricultural land uses. Sloughs are effective in water conveyance and infiltration but are being replaced with pipe lines as future development continues in undeveloped areas. Ditches are similar to sloughs but typically are a manmade water conveyance system. Ditches are anticipated to be removed and replaced with pipes as a water conveyance system. There may be springs that contribute to the existing soughs. If a developer were to develop on land with an existing spring the spring will have to properly addressed by the developer and evaluated in the model.

Sumps – Sumps are gravel filled manholes that infiltrate collected water directly into the ground. After a rain event, sumps collect water from the streets through curb inlets and convey it through a short length of pipe to tie into a perforated manhole surrounded by gravel. The water in the manhole then drains directly into the ground. AF City has several sumps throughout the city, north of I-15, and are an effective way to remove storm water. Sumps are ineffective south of I-15 due to the soil types and high ground water near Utah Lake.

Pipes – Pipes are effective in conveying storm water away from streets to a different location. Pipes get larger as more storm water is collected and must eventually discharge the storm water.

Detention Basins – Detention Basins "detain" water then release it at a specified rate that is a slower rate than the rain events. Detaining and a slower release of water more evenly distributes the water from the rain event which in turn reduces the size of necessary pipes. Detention basins (instead of sumps) are an effective method in the southern portion of the city to help keep pipe sizes smaller.

The subdrainage basins Junior High, and Cedar Hills do not have any recommended projects. The reasons for no projects in these subdrainage basins are as follows. Junior High basin is built

out and functioning with a no LOS for their storm drain main. Cedar Hills is a contributing basin to the City but not in City limits.

5.2. Recommended Pipeline Improvements

Franson Civil has run the model and determined the necessary pipe improvements. Figure 5-1 is a figure of the overall system and necessary pipe improvements. As previously discussed, the city was delineated into 12 different subdrainage basins. Figure 5-2 through Figure 5-8 are figures showing the projects at a subdrainage basin view

A list of the projects by number and corresponding total length are given in Table 5-1. These projects are estimated on pipe size and a cost associated with the pipeline size. These projects are in 2020 dollars and are based upon build-out projects. Project numbers in the 100s are north of the freeway and projects in the 200s are south of the freeway.

Table 5-1: Identified Projects and Costs

Project Number	Length (ft)	Min Diameter (in)	Max Diameter (in)	Estimated Total Cost
101	2,241	42	42	$1,056,000
102	1,476	18	18	$258,000
103	4,504	18	24	$1,071,000
104	3,694	18	18	$634,000
105	3,675	18	36	$882,000
106	4,242	24	24	$1,118,000
107	4,324	18	18	$739,000
108	3,996	18	18	$686,000
109	4,642	30	30	$1,186,000
110	2,694	24	24	$712,000
111	3,622	24	24	$956,000
112	3,152	18	18	$547,000
113	2,569	18	18	$441,000
114	7,172	18	18	$1,231,000
115	4,275	18	18	$741,000
116	4,944	18	18	$847,000
117	4,249	18	18	$736,000
118	1,542	24	24	$413,000
119	4,068	24	24	$1,081,000
120	2,785	24	24	$738,000
121	3,704	30	30	$944,000
122	7,631	30	42	$2,872,000
123	2,140	24	36	$695,000
124	3,878	36	36	$1,291,000
125	463	30	30	$122,000
126	5,991	36	36	$1,993,000

Project Number	Length (ft)	Min Diameter (in)	Max Diameter (in)	Estimated Total Cost
201	1,266	36	36	$426,000
202	7,330	18	42	$2,539,000
202A	705	18	18	$127,000
203	2,093	24	24	$556,000
204	3,012	24	24	$797,000
205	6,113	24	36	$1,815,000
206	3,173	36	42	$1,401,000
207	3,294	24	36	$1,002,000
208	1,765	24	24	$467,000
209	1,933	24	24	$519,000
210	4,311	36	42	$1,941,000
211	3,513	24	36	$1,031,000
212	551	24	24	$149,000
213	7,435	18	36	$2,176,000
214	1,260	42	42	$596,000
215	3,114	24	24	$831,000
216	4,630	30	36	$1,383,000
217	115	18	18	$27,000
218	8,363	24	42	$3,157,000
219	2,244	18	24	$492,000
220	4,813	30	48	$2,057,000
221	1,289	18	18	$224,000
222	2,392	36	36	$799,000
223	2,293	60	60	$1,984,000
224	2,438	30	30	$622,000
225	6,879	36	60	$5,382,000
226	1,965	30	30	$631,000
227	1,329	42	42	$627,000
			Total Projects Costs	**$57,748,000**

5.3. Slough Improvements

The City is utilizing several sloughs, largely south of I-15, to convey storm water to Utah Lake. These sloughs are an effective means of delivering storm water to Utah Lake and can convey large quantities of water. A June 7, 2017 amendment to the existing storm water master plan was written by Bowen Collins and Associates which specifically addresses sloughs south of I-15. The document states AF City does not plan to utilize sloughs as water conveyance systems at full build-out. The plan is to place the storm water in several pipe networks that are based upon streets taken from the transportation master plan.

The trunk lines will be necessary to replace the water that is currently conveyed through sloughs. The 2017 amendment suggests three ways the City can pay for the trunk lines. One, development

could retain storm drain onsite until trunk lines are constructed. Two, the City could construct trunk lines through loans/bonds. Three, require developers to install trunk lines and reimburse them through impact fees.

Ideally, development will occur starting just south of I-15 and work itself towards Utah Lake. However. it is not always the case and it is anticipated that "checker boarding" development patterns will also occur. It is necessary as development continues south of I-15 to evaluated on a case by case basis, what projects are necessary to the sloughs and the overall storm drain system to ensure sufficient capacity within the storm drain system.

5.4. Detention Basin Improvements

The June 7 amendment's focused primarily on new developments south of I-15. The City requires storm water discharges "should be limited to a maximum of 0.2 cfs per acre during the 100-year storm" and assumes that downstream pipes are constructed as part of this development. It also states that the detention basins necessary to detain the water onsite is considered a project improvement not a system improvement. The detention basins will be constructed at the expense of the developer after the basin has been approved by the City.

The storm water master plan modeled the southern subbasins using the 0.2 cfs release requirement and assumes downstream pipe improvements are also constructed. This requirement will reduce the size of pipes necessary to convey the flow. The reduction in pipe size will save both the developer and existing storm drain users money. The proposed trunk lines were sized based upon this criterion.

AMERICAN FORK
1853

Legend

Storm Drain Improvements

- 18"
- 24"
- 30"
- 36"
- 42"
- 48"
- 54"
- 60"
- Ditches, Drains & Culverts
- Existing Storm Drain Pipe
- Basins

N

Miles
0 0.3 0.6 1.2

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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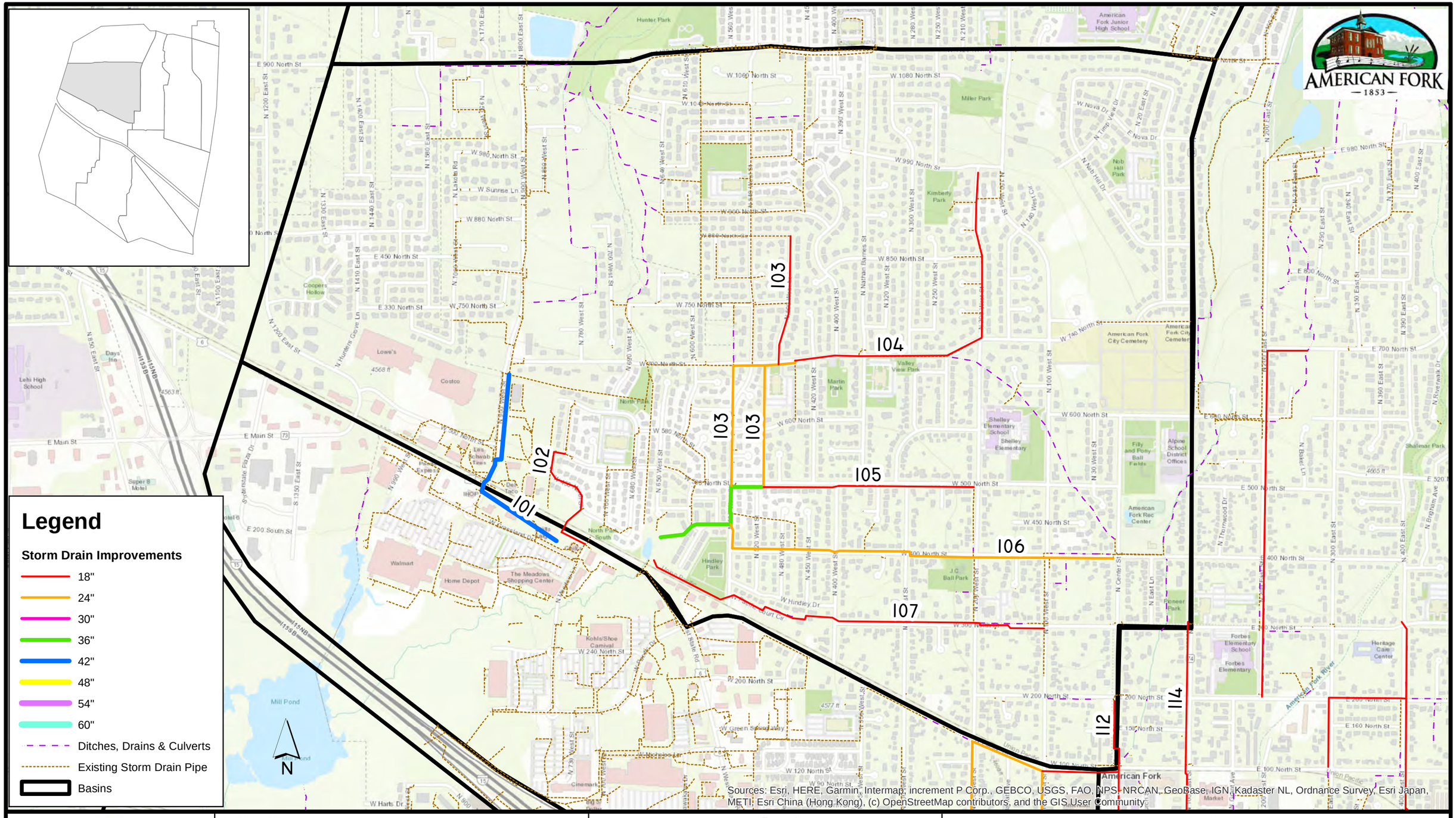
PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	5/20/2020

AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 5-1
STORM DRAIN SYSTEM PROPOSED IMPROVEMENTS

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PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	3/12/2020

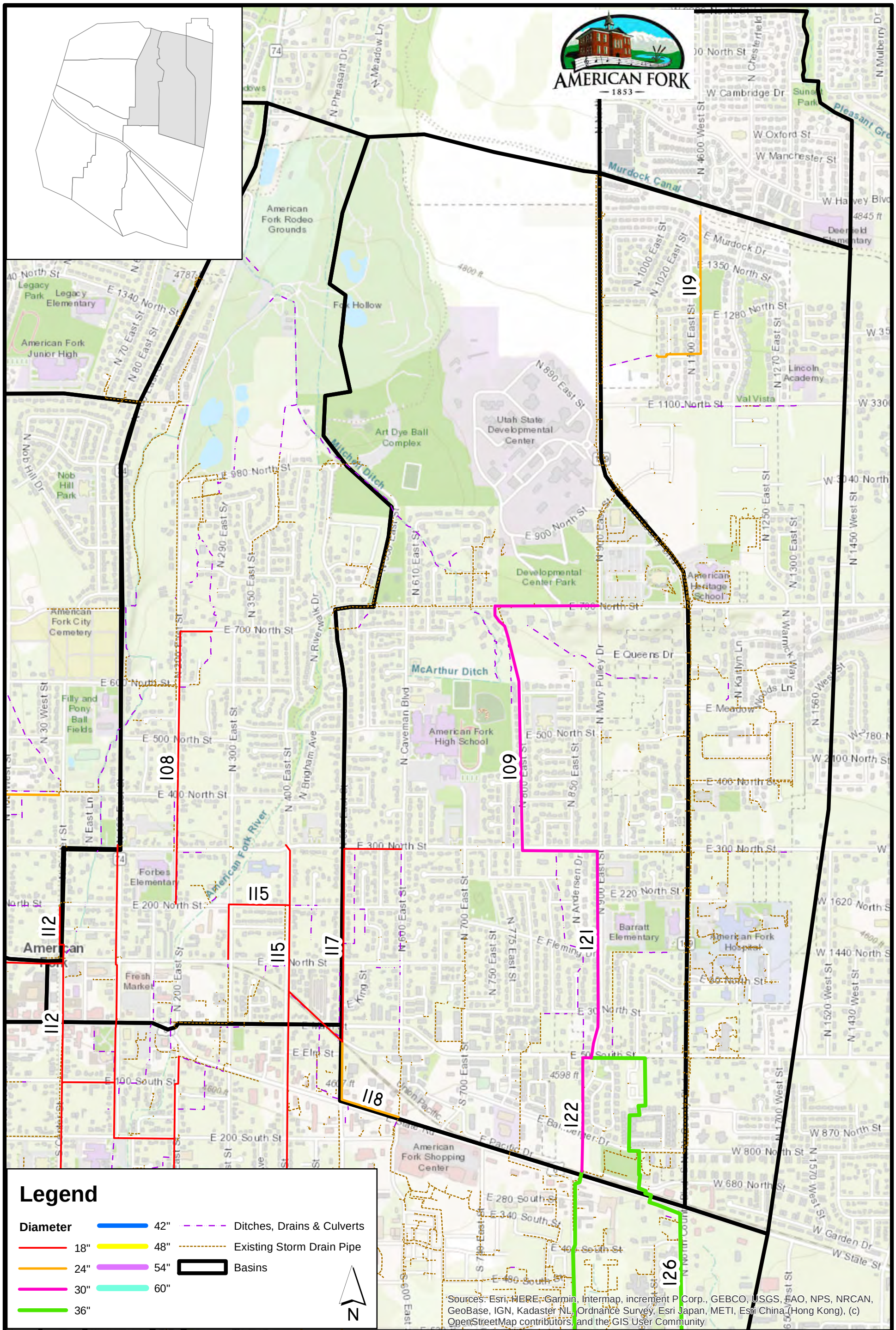
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P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-2 Mitchell.mxd

AMERICAN FORK CITY

STORM DRAIN
MASTER PLAN UPDATE

FIGURE 5-2
STORM DRAIN SYSTEM
PROPOSED IMPROVEMENTS FOR
MITCHELL HOLLOW AREA



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PROJECT LEADER:	LANE PIERCE
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DATE:	4/21/2020

Miles
0 0.15 0.3 0.6

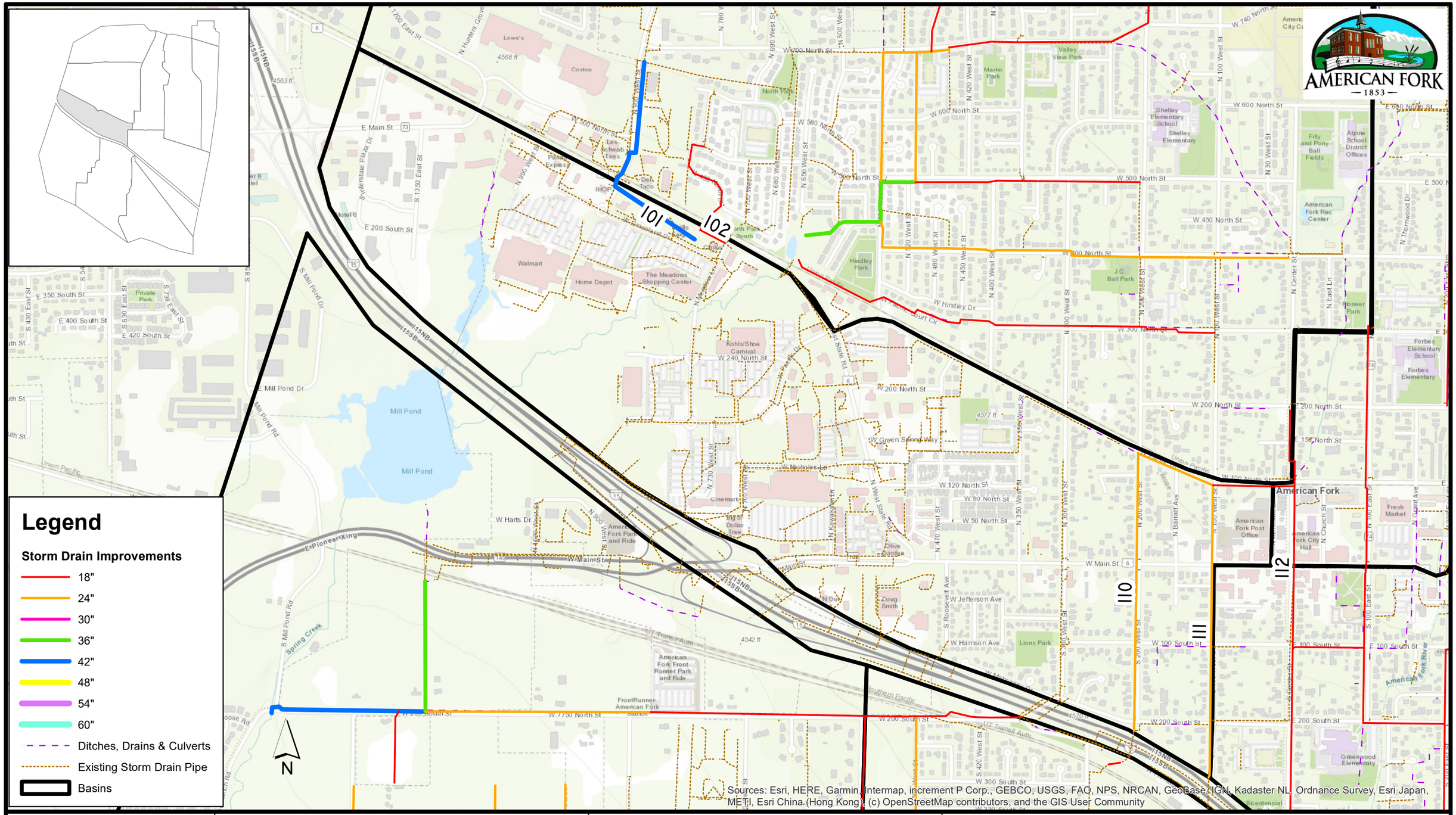
P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-3 NE.mxd

AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 5-3

STORM DRAIN SYSTEM PROPOSED IMPROVEMENTS FOR NORTHEAST AREAS



FRANSON CIVIL ENGINEERS

PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	3/12/2020

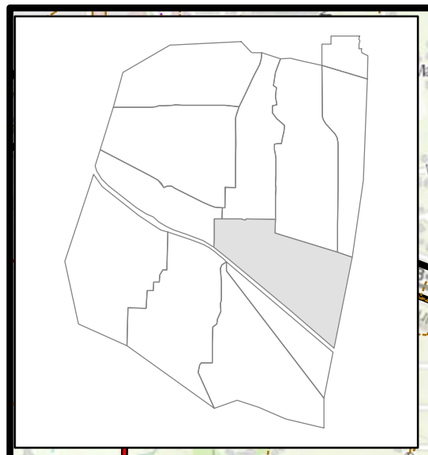
Miles
0 0.15 0.3 0.6

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-4 Costco.mxd

AMERICAN FORK CITY

STORM DRAIN
MASTER PLAN UPDATE

FIGURE 5-4
STORM DRAIN SYSTEM
PROPOSED IMPROVEMENTS FOR
COSTCO AREA



Legend

LargeBasins

Primary

1; 2; 3; 4; 5; 6; 7; 9; 10; 11; 12

8

N

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

FRANSON CIVIL ENGINEERS

PROJECT LEADER:	Lane Pierce
DRAFTSMAN:	Lon M Franson
DATE:	5/20/2020

Miles

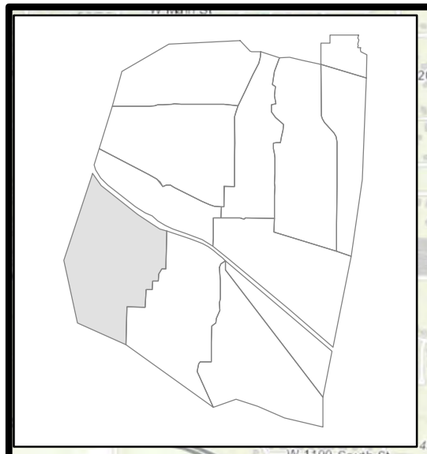
0 2 4 8

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-5 Deseret.mxd

American Fork City

Storm Drain
Master Plan Update

Figure 5-5
Storm Drain System
Proposed Improvements for
Deseret Industries Area



Legend

Storm Drain Improvements

- 18"
- 24"
- 30"
- 36"
- 42"
- 48"
- 54"
- 60"
- Ditches, Drains & Culverts
- Existing Storm Drain Pipe
- Basins

201
202
202A
203
204
205
206
207
208
209
210
212
213

N

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

FRANSON CIVIL ENGINEERS

PROJECT LEADER:	LANE PIERCE
DRAFTSMAN:	LON M FRANSON
DATE:	4/30/2020

Miles: 0 — 0.275 — 0.55 — 1.1

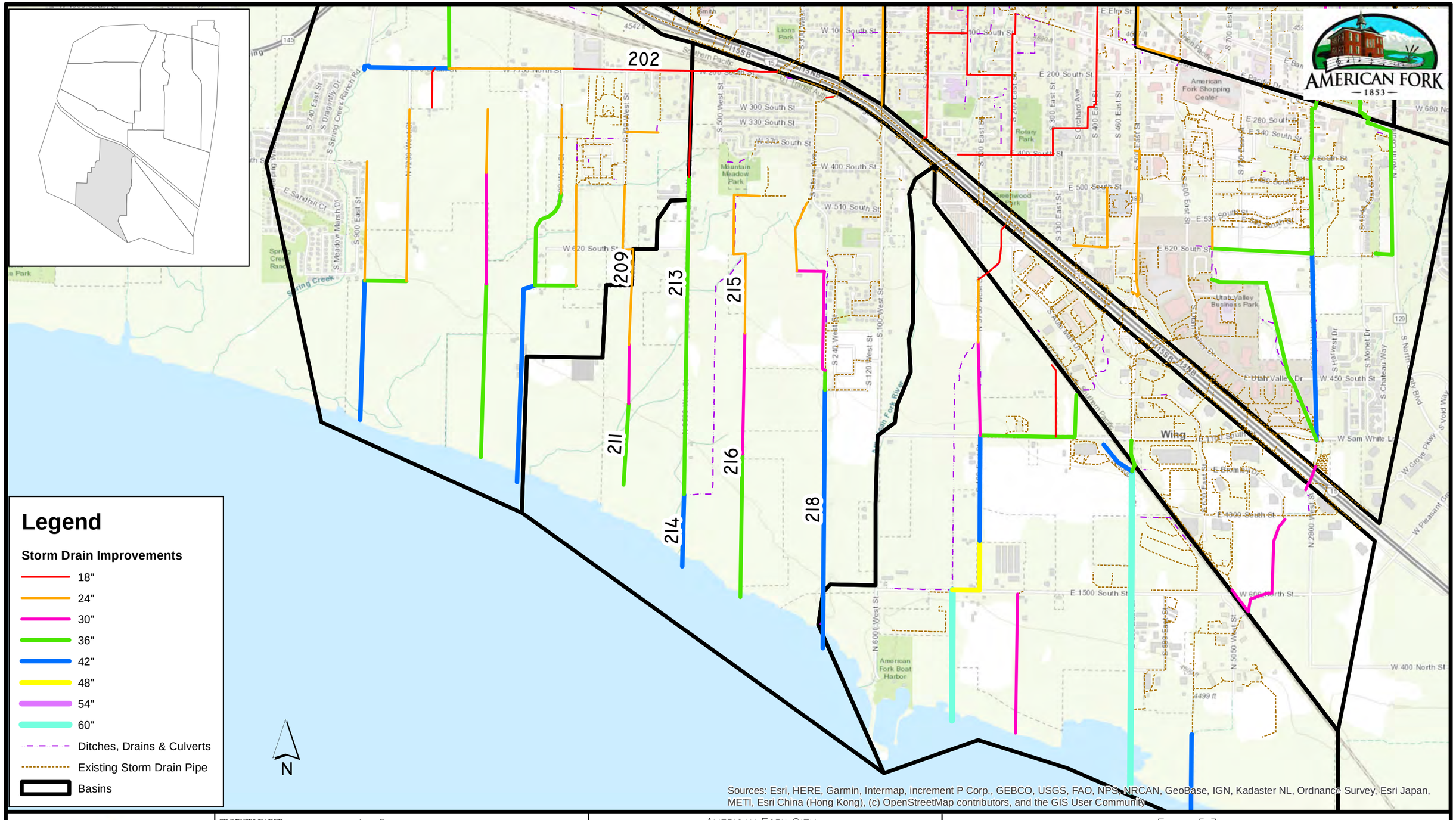
P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-6 TOD.mxd

AMERICAN FORK CITY

STORM DRAIN MASTER PLAN UPDATE

FIGURE 5-6

STORM DRAIN SYSTEM PROPOSED IMPROVEMENTS FOR T.O.D. AREA



FRANSON CIVIL ENGINEERS

PROJECT LEADER:	Lane Pierce
DRAFTSMAN:	Lon M Franson
DATE:	5/20/2020

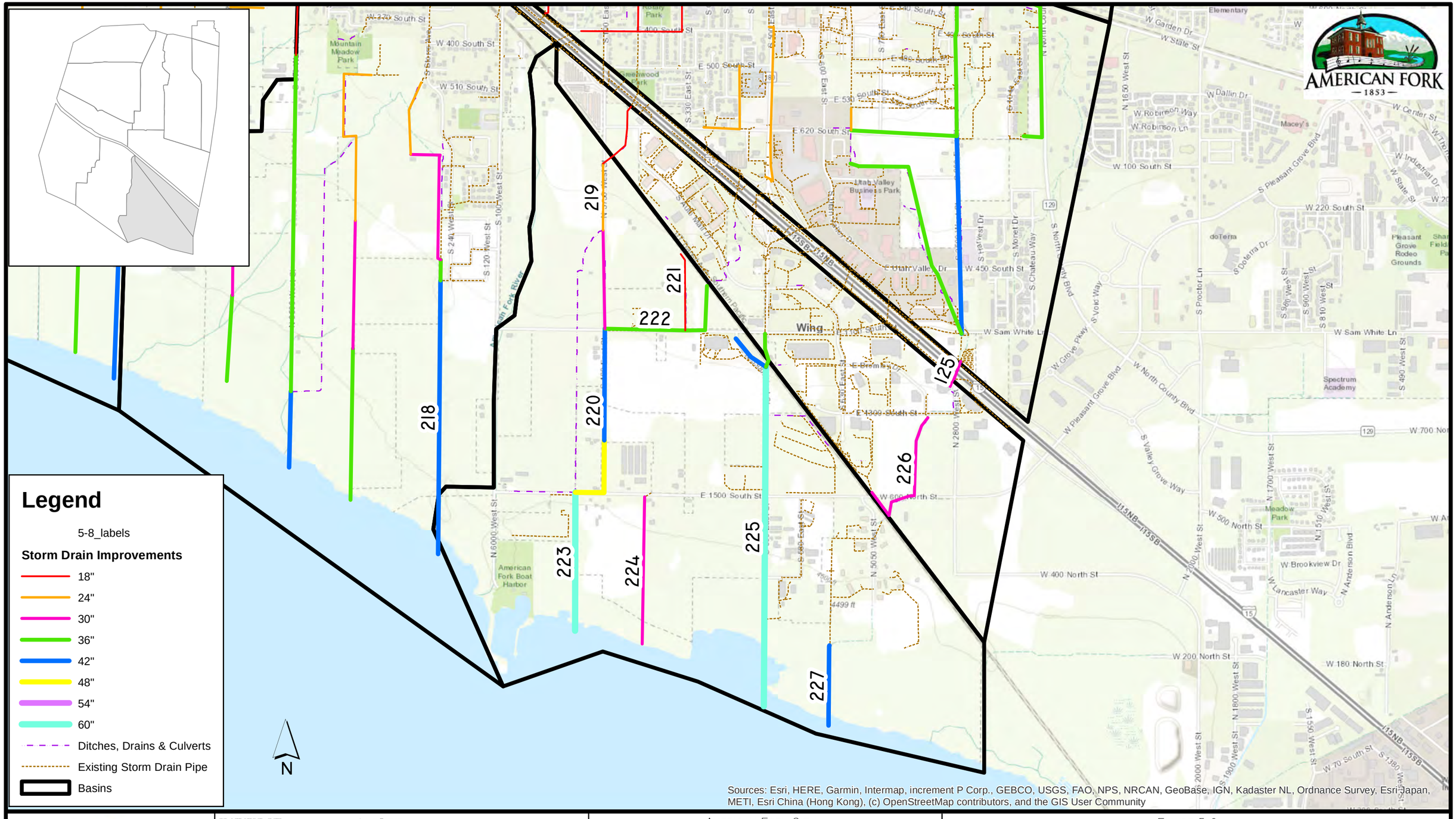
Miles
0 0.275 0.55 1.1

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-7 Shoreline.mxd

American Fork City

Storm Drain
Master Plan Update

Figure 5-7
Storm Drain System
Proposed Improvements for
Shoreline Central Area



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

FRANSON CIVIL ENGINEERS

PROJECT LEADER:	Lane Pierce
DRAFTSMAN:	Lon M Franson
DATE:	5/20/2020

Miles
0 0.275 0.55 1.1

P:\UT\Central\American Fork\AFC Storm Water Master Plan\Drawings\Figure 5-8 SE.mxd

American Fork City

Storm Drain
Master Plan Update

Figure 5-8
Storm Drain System
Proposed Improvements for
Auto Mall & T.S.S.D. Area

Appendices

Model Results

Autodesk® Storm and Sanitary Analysis 2016 - Version 13.2.147 (Build 0)

****
Project Description
****
File Name ..... AreaNorthDesign Updated Per AF Approvals.SPF

****
Analysis Options
****
Flow Units ..... cfs
Subbasin Hydrograph Method. SCS TR-55
Time of Concentration..... User-Defined
Link Routing Method ..... Kinematic Wave
Storage Node Exfiltration.. None
Starting Date MAR-07-2020 00:00:00
Ending Date MAR-07-2020 06:00:00
Report Time Step 00:05:00

****
Element Count
****
Number of rain gages 1
Number of subbasins 166
Number of nodes 582
Number of links 582

****
Raingage Summary
****

Gage ID	Data Source	Data Type	Recording Interval min
Rain Gage-01	FF_25YR_3HR	CUMULATIVE	3.00

****
Subbasin Summary
****

Subbasin ID	Total Area acres	Peak Rate Factor

100	142.46	0.00
101	130.38	0.00
102	86.82	0.00
103	77.77	0.00
104	126.04	0.00
105	113.89	0.00
106	26.80	0.00
107	168.07	0.00
108	63.56	0.00
109	35.13	0.00
110	49.32	0.00
111	35.95	0.00
112	11.97	0.00
113	27.45	0.00
114	57.76	0.00
115	48.77	0.00
116	36.53	0.00
117	64.65	0.00
118	32.59	0.00
119	99.80	0.00
120	178.46	0.00
121	207.08	0.00
122	242.37	0.00
123	27.15	0.00
124	85.07	0.00
125	246.48	0.00
126	91.16	0.00
127	180.74	0.00
128	39.79	0.00
129	14.42	0.00
130	13.79	0.00
131	11.62	0.00
132	13.44	0.00
133	11.19	0.00
134	16.09	0.00
135	15.69	0.00
136	8.89	0.00
137	36.34	0.00
138	10.77	0.00
139	51.46	0.00
140	5.88	0.00
141	22.53	0.00
142	11.84	0.00
143	7.81	0.00
144	8.30	0.00
145	16.25	0.00
146	14.85	0.00
147	67.49	0.00
148	37.65	0.00

149	61.84	0.00
150	39.16	0.00
151	13.49	0.00
152	25.55	0.00
153	31.88	0.00
154	22.06	0.00
155	42.22	0.00
156	22.21	0.00
157	16.77	0.00
158	22.48	0.00
159	24.11	0.00
160	71.35	0.00
161	32.80	0.00
162	6.40	0.00
163	30.38	0.00
164	8.71	0.00
165	8.05	0.00
166	29.40	0.00
167	86.97	0.00
168	4.72	0.00
169	23.06	0.00
170	6.51	0.00
171	5.12	0.00
172	119.44	0.00
173	22.60	0.00
174	18.83	0.00
175	12.14	0.00
176	21.77	0.00
177	9.20	0.00
178	8.50	0.00
179	32.69	0.00
180	41.43	0.00
181	7.31	0.00
182	29.94	0.00
183	41.84	0.00
184	16.47	0.00
185	16.96	0.00
186	6.10	0.00
187	18.79	0.00
188	31.26	0.00
189	37.44	0.00
190	37.43	0.00
191	36.15	0.00
192	17.60	0.00
193	12.96	0.00
194	21.60	0.00
195	31.04	0.00
196	24.32	0.00
197	12.21	0.00
198	38.29	0.00

199	35.39	0.00
200	63.60	0.00
201	39.76	0.00
202	14.63	0.00
203	35.32	0.00
204	23.85	0.00
205	23.02	0.00
206	14.60	0.00
207	63.56	0.00
208	32.84	0.00
209	23.25	0.00
210	29.77	0.00
211	19.81	0.00
212	32.35	0.00
213	55.84	0.00
214	13.26	0.00
215	26.54	0.00
216	7.61	0.00
217	11.94	0.00
218	15.05	0.00
219	12.93	0.00
220	25.63	0.00
221	15.84	0.00
222	18.22	0.00
223	5.34	0.00
224	6.38	0.00
225	16.92	0.00
226	23.90	0.00
227	25.60	0.00
228	14.51	0.00
229	26.17	0.00
230	23.14	0.00
231	21.62	0.00
232	14.28	0.00
233	23.10	0.00
234	20.47	0.00
235	23.51	0.00
236	21.54	0.00
237	20.51	0.00
238	16.45	0.00
239	9.15	0.00
240	20.30	0.00
241	5.47	0.00
242	12.34	0.00
243	4.06	0.00
244	10.32	0.00
245	33.48	0.00
246	22.67	0.00
247	11.05	0.00
248	12.60	0.00

249	3.59	0.00
250	9.93	0.00
251	59.92	0.00
252	48.44	0.00
253	29.99	0.00
254	12.92	0.00
255	6.04	0.00
256	13.02	0.00
257	3.98	0.00
258	10.73	0.00
259	14.91	0.00
260	39.59	0.00
261	26.07	0.00
262	27.97	0.00
263	5.59	0.00
264	6.13	0.00
265	7.62	0.00

****
Node Summary
****

Node ID	Element Type	Invert Elevation ft	Maximum Elev. ft	Ponded Area ft²	External Inflow
J1015	JUNCTION	4478.19	4485.19	0.00	
J1043	JUNCTION	4538.50	4545.50	0.00	
J1047	JUNCTION	4540.59	4549.84	0.00	
J1056	JUNCTION	4535.57	4542.57	0.00	
J1057	JUNCTION	4482.90	4492.40	0.00	
J1111	JUNCTION	4546.47	4553.47	0.00	
J1128	JUNCTION	4552.96	4559.96	0.00	
J1134	JUNCTION	4512.92	4519.92	0.00	
J1172	JUNCTION	4464.99	4471.99	0.00	
J1217	JUNCTION	4424.59	4431.59	0.00	
J1221	JUNCTION	4421.71	4428.71	0.00	
J1267	JUNCTION	4585.97	9178.94	0.00	
J1300	JUNCTION	4463.20	4470.20	0.00	
J1344	JUNCTION	4459.31	4466.31	0.00	
J1418	JUNCTION	4417.52	4424.52	0.00	
J1425	JUNCTION	4461.25	4468.25	0.00	
J1428	JUNCTION	4444.36	4451.36	0.00	
J1447	JUNCTION	4463.35	4470.35	0.00	
J1447·2	JUNCTION	4475.59	4482.59	0.00	
j1477	JUNCTION	4409.13	4416.13	0.00	
j1480	JUNCTION	4404.11	4411.11	0.00	
j1481	JUNCTION	4404.15	4411.15	0.00	
J1567	JUNCTION	4415.39	4422.39	0.00	
J1568	JUNCTION	4414.12	4421.12	0.00	

J1582	JUNCTION	4406.43	4413.43	0.00
J16400	JUNCTION	4412.21	4419.21	0.00
J1666	JUNCTION	4560.29	4567.29	0.00
J1690	JUNCTION	4615.46	4622.46	0.00
J1714	JUNCTION	4588.83	4595.83	0.00
J1787	JUNCTION	4511.31	4518.31	0.00
j1797	JUNCTION	4433.54	4440.54	0.00
j1798	JUNCTION	4426.17	4433.17	0.00
J1799	JUNCTION	4461.99	4471.49	0.00
J1920	JUNCTION	4650.24	4657.24	0.00
J2149	JUNCTION	4405.00	4412.00	0.00
J2175	JUNCTION	4452.41	4459.41	0.00
J2180	JUNCTION	4455.81	4462.81	0.00
J-2201	JUNCTION	4463.39	4470.39	0.00
J2400	JUNCTION	4608.80	4615.80	0.00
J2834	JUNCTION	4433.17	4440.17	0.00
J2840	JUNCTION	4460.84	4468.84	0.00
J2842	JUNCTION	4452.95	4459.95	0.00
J2930	JUNCTION	4460.74	4467.74	0.00
J3000	JUNCTION	4423.82	4430.82	0.00
J3254	JUNCTION	4419.50	4426.15	0.00
J3279	JUNCTION	4511.46	4518.46	0.00
J3406	JUNCTION	4480.84	4487.84	0.00
J3580	JUNCTION	4449.36	4456.36	0.00
J3583	JUNCTION	4445.86	4452.86	0.00
J3609	JUNCTION	4469.04	4476.04	0.00
J3662	JUNCTION	4676.92	4686.92	0.00
J3678	JUNCTION	4643.72	4650.72	0.00
J3680	JUNCTION	4642.80	4649.80	0.00
J3681	JUNCTION	4639.23	4649.23	0.00
J3690	JUNCTION	4624.73	4631.73	0.00
J3692	JUNCTION	4622.62	4629.62	0.00
J3693	JUNCTION	4619.11	4626.11	0.00
J3697	JUNCTION	4613.70	4620.70	0.00
J3711	JUNCTION	4595.83	4602.83	0.00
J3745	JUNCTION	4478.36	4485.36	0.00
J3746	JUNCTION	4478.12	4485.12	0.00
J3761	JUNCTION	4470.09	4477.09	0.00
J4092	JUNCTION	4550.00	4555.35	0.00
J4095	JUNCTION	4549.11	4556.11	0.00
J4096	JUNCTION	4540.43	4547.43	0.00
J4098	JUNCTION	4530.03	4537.03	0.00
J4100	JUNCTION	4517.12	4524.12	0.00
J4103	JUNCTION	4505.55	4512.55	0.00
J4107	JUNCTION	4479.25	4486.25	0.00
J43	JUNCTION	4401.82	4408.82	0.00
j44	JUNCTION	4401.63	4408.63	0.00
J4430	JUNCTION	4399.59	4406.59	0.00
J4481	JUNCTION	4561.71	4568.71	0.00
J4506	JUNCTION	4536.67	4543.67	0.00

J4547	JUNCTION	4615.54	4622.54	0.00
J4548	JUNCTION	4615.54	4622.54	0.00
J-4801	JUNCTION	4456.83	4463.83	0.00
j49	JUNCTION	4404.12	4411.12	0.00
J-4901	JUNCTION	4433.00	4442.00	0.00
J5080	JUNCTION	4521.35	4528.35	0.00
J510	JUNCTION	4549.21	4556.21	0.00
J-5101	JUNCTION	4488.00	4494.00	0.00
J-5201	JUNCTION	4404.17	4411.17	0.00
J-5401	JUNCTION	4492.00	4499.00	0.00
J560	JUNCTION	4425.16	4432.16	0.00
J-5701	JUNCTION	4480.65	4487.65	0.00
J571	JUNCTION	4410.31	4417.31	0.00
J572	JUNCTION	4409.42	4416.42	0.00
J-5801	JUNCTION	4473.64	4480.64	0.00
J-6201	JUNCTION	4532.21	4539.21	0.00
J625	JUNCTION	4532.04	4539.04	0.00
J639	JUNCTION	4411.04	4418.04	0.00
j66	JUNCTION	4404.81	4411.81	0.00
J-6601	JUNCTION	4512.74	4519.74	0.00
J-6701	JUNCTION	4512.56	4519.56	0.00
J-6801	JUNCTION	4459.50	4466.50	0.00
j698	JUNCTION	4404.65	4411.65	0.00
j702	JUNCTION	4404.41	4411.41	0.00
j703	JUNCTION	4404.83	4411.83	0.00
j711	JUNCTION	4404.07	4411.07	0.00
j712	JUNCTION	4398.90	4405.90	0.00
J712·1	JUNCTION	4456.99	4463.99	0.00
j715	JUNCTION	4394.00	4501.00	0.00
j72	JUNCTION	4404.42	4411.42	0.00
J724	JUNCTION	4462.81	4469.81	0.00
J740	JUNCTION	4449.42	4456.42	0.00
J-7401	JUNCTION	4476.05	4483.05	0.00
j76	JUNCTION	4398.00	4405.00	0.00
J-7601	JUNCTION	4481.00	4488.00	0.00
J764	JUNCTION	4454.81	4461.81	0.00
j79	JUNCTION	4400.35	4407.35	0.00
j80	JUNCTION	4407.80	4414.80	0.00
j81	JUNCTION	4409.49	4416.49	0.00
J813	JUNCTION	4426.76	4433.76	0.00
j82	JUNCTION	4406.35	4413.35	0.00
J-8301	JUNCTION	4477.00	4484.00	0.00
j85	JUNCTION	4397.00	4404.00	0.00
J864	JUNCTION	4413.33	4420.33	0.00
j87	JUNCTION	4402.26	4409.26	0.00
j92	JUNCTION	4398.66	4405.66	0.00
j95	JUNCTION	4396.71	4403.71	0.00
j96	JUNCTION	4394.85	4401.85	0.00
j97	JUNCTION	4395.64	4402.64	0.00
Jun-01·4	JUNCTION	4465.98	4472.98	0.00

Jun-02000	JUNCTION	4461.82	4468.82	0.00
Jun-04000	JUNCTION	4433.65	4440.65	0.00
Jun-050	JUNCTION	4413.00	4420.00	0.00
Jun-06000	JUNCTION	4454.73	4461.73	0.00
Jun-07000	JUNCTION	4413.00	4420.00	0.00
Jun-100	JUNCTION	4411.00	4418.00	0.00
Jun-1011	JUNCTION	4460.98	4468.98	0.00
Jun-1012	JUNCTION	4463.00	4472.50	0.00
Jun-1015	JUNCTION	4534.84	4541.84	0.00
Jun-1016	JUNCTION	4512.82	4519.82	0.00
Jun-1017	JUNCTION	4461.00	4468.00	0.00
Jun-102	JUNCTION	4553.61	4560.61	0.00
Jun-103	JUNCTION	4562.13	4569.13	0.00
Jun-105	JUNCTION	4417.30	4424.30	0.00
Jun-108	JUNCTION	4456.51	4463.51	0.00
Jun-108·1	JUNCTION	4431.47	4438.47	0.00
Jun-109	JUNCTION	4455.40	4462.40	0.00
Jun-110	JUNCTION	4410.00	4417.00	0.00
Jun-111	JUNCTION	4439.69	4446.69	0.00
Jun-11-1	JUNCTION	4531.00	4538.00	0.00
Jun-112	JUNCTION	4439.54	4446.54	0.00
Jun-112·1	JUNCTION	4546.35	4553.35	0.00
Jun-116	JUNCTION	4443.03	4450.03	0.00
Jun-118	JUNCTION	4453.00	4460.00	0.00
Jun-118·1	JUNCTION	4585.87	4592.87	0.00
Jun-119	JUNCTION	4420.00	4427.10	0.00
Jun-119·2	JUNCTION	4579.00	4586.00	0.00
Jun-1200	JUNCTION	4531.93	4538.93	0.00
Jun-122	JUNCTION	4435.00	4442.00	0.00
Jun-122·5	JUNCTION	4499.22	4506.22	0.00
Jun-123	JUNCTION	4433.00	4440.00	0.00
Jun-123·2	JUNCTION	4494.00	4501.00	0.00
Jun-123·4	JUNCTION	4603.90	4610.90	0.00
Jun-124	JUNCTION	4437.00	4444.00	0.00
Jun-124·2	JUNCTION	4493.65	4500.65	0.00
Jun-124·4	JUNCTION	4582.09	4589.09	0.00
Jun-125	JUNCTION	4412.40	4419.40	0.00
Jun-125·1	JUNCTION	4554.33	4562.20	0.00
Jun-126	JUNCTION	4548.70	4557.23	0.00
Jun-127	JUNCTION	4536.62	4556.31	0.00
Jun-129	JUNCTION	4512.86	4519.86	0.00
Jun-130·5	JUNCTION	4508.57	4515.57	0.00
Jun-1300	JUNCTION	4535.64	4542.64	0.00
Jun-133	JUNCTION	4490.00	4497.50	0.00
Jun-134	JUNCTION	4379.50	4486.50	0.00
Jun-135	JUNCTION	4479.30	4486.30	0.00
Jun-135·5	JUNCTION	4515.82	4522.82	0.00
Jun-136	JUNCTION	4491.59	4498.59	0.00
Jun-136·5	JUNCTION	4507.67	4514.67	0.00
Jun-137	JUNCTION	4534.78	4541.78	0.00

Jun-138	JUNCTION	4434.12	4441.12	0.00
Jun-138·1	JUNCTION	4494.81	4501.81	0.00
Jun-139	JUNCTION	4467.00	4474.00	0.00
Jun-139·5	JUNCTION	4494.67	4501.67	0.00
Jun-14·4	JUNCTION	4533.43	4540.43	0.00
Jun-140	JUNCTION	4447.00	4449.00	0.00
Jun-140·5	JUNCTION	4495.39	4502.39	0.00
Jun-1400	JUNCTION	4506.00	4512.00	0.00
Jun-141	JUNCTION	4435.19	4442.19	0.00
Jun-141·1	JUNCTION	4494.04	4501.04	0.00
Jun-142	JUNCTION	4437.98	4444.98	0.00
Jun-142·1	JUNCTION	4494.86	4501.86	0.00
Jun-149	JUNCTION	4411.00	4418.00	0.00
Jun-149·1	JUNCTION	4625.96	4632.96	0.00
Jun-150	JUNCTION	4411.00	4418.00	0.00
Jun-150·1	JUNCTION	4504.18	4511.18	0.00
Jun-151	JUNCTION	4407.00	4414.00	0.00
Jun-151·1	JUNCTION	4503.76	4510.76	0.00
Jun-152	JUNCTION	4678.00	4685.00	0.00
Jun-153	JUNCTION	4645.86	4652.86	0.00
Jun-154	JUNCTION	4479.20	4486.00	0.00
Jun-155	JUNCTION	4551.00	4558.00	0.00
Jun-161	JUNCTION	4471.36	4478.36	0.00
Jun-162	JUNCTION	4562.50	4569.50	0.00
Jun-162·5	JUNCTION	4521.29	4528.29	0.00
Jun-163	JUNCTION	4426.24	4433.24	0.00
Jun-163·5	JUNCTION	4515.66	4522.66	0.00
Jun-164	JUNCTION	4425.41	4432.41	0.00
Jun-165	JUNCTION	4429.80	4436.80	0.00
Jun-169	JUNCTION	4410.50	4417.50	0.00
Jun-169·1	JUNCTION	4430.42	4437.42	0.00
Jun-170	JUNCTION	4467.00	4474.00	0.00
Jun-170·1	JUNCTION	4595.57	4602.57	0.00
Jun-171	JUNCTION	4465.80	4472.80	0.00
Jun-172	JUNCTION	4593.00	4600.00	0.00
Jun-173	JUNCTION	4456.03	4463.03	0.00
Jun-174·1	JUNCTION	4600.00	4607.00	0.00
Jun-175	JUNCTION	4525.00	4540.50	0.00
Jun-176	JUNCTION	4463.23	4470.23	0.00
Jun-179	JUNCTION	4426.11	4433.11	0.00
Jun-180	JUNCTION	4425.83	4432.83	0.00
Jun-183	JUNCTION	4456.00	4464.00	0.00
Jun-184	JUNCTION	4475.00	4482.00	0.00
Jun-186	JUNCTION	4406.84	4413.84	0.00
Jun-187	JUNCTION	4435.92	4442.92	0.00
Jun-188	JUNCTION	4415.00	4422.00	0.00
Jun-190	JUNCTION	4412.57	4419.57	0.00
Jun-190·1	JUNCTION	4525.66	4532.66	0.00
Jun-191	JUNCTION	4521.00	4528.00	0.00
Jun-192	JUNCTION	4517.00	4524.00	0.00

Jun-192·4	JUNCTION	4455.63	4462.63	0.00
Jun-195	JUNCTION	4400.00	4410.00	0.00
Jun-196	JUNCTION	4399.00	4406.00	0.00
Jun-198	JUNCTION	4461.00	4468.00	0.00
Jun-199·5	JUNCTION	4642.00	4649.00	0.00
Jun-200	JUNCTION	4413.42	4420.42	0.00
Jun-200·1	JUNCTION	4639.50	4646.50	0.00
Jun-201	JUNCTION	4500.81	4507.81	0.00
Jun-203·1	JUNCTION	4580.00	4587.00	0.00
Jun-204	JUNCTION	4406.00	4413.00	0.00
Jun-204·1	JUNCTION	4433.00	4440.00	0.00
Jun-204·4	JUNCTION	4495.78	4502.78	0.00
Jun-205·1	JUNCTION	4468.50	4476.50	0.00
Jun-205·4	JUNCTION	4496.00	4503.00	0.00
Jun-206·1	JUNCTION	4517.11	4524.11	0.00
Jun-209	JUNCTION	4405.00	4412.00	0.00
Jun-209·1	JUNCTION	4505.25	4512.25	0.00
Jun-211·1	JUNCTION	4591.22	4598.22	0.00
Jun-212	JUNCTION	4397.16	4404.16	0.00
Jun-212-1	JUNCTION	4428.57	4435.57	0.00
Jun-213	JUNCTION	4427.39	4434.39	0.00
Jun-216	JUNCTION	4536.21	4543.21	0.00
Jun-217	JUNCTION	4535.22	4544.72	0.00
Jun-218	JUNCTION	4525.00	4532.00	0.00
Jun-219	JUNCTION	4473.79	4480.79	0.00
Jun-220	JUNCTION	4427.62	4434.62	0.00
Jun-221	JUNCTION	4440.77	4447.77	0.00
Jun-222	JUNCTION	4592.87	4599.87	0.00
Jun-223	JUNCTION	4592.00	4599.00	0.00
Jun-224	JUNCTION	4505.52	4512.52	0.00
Jun-225	JUNCTION	4463.00	4470.00	0.00
Jun-226	JUNCTION	4431.82	4438.82	0.00
Jun-227	JUNCTION	4429.57	4436.57	0.00
Jun-229	JUNCTION	4413.07	4420.07	0.00
Jun-229·1	JUNCTION	4577.00	4584.00	0.00
Jun-230	JUNCTION	4453.97	4460.97	0.00
Jun-230·1	JUNCTION	4451.00	4458.00	0.00
Jun-230·4	JUNCTION	4510.11	4517.11	0.00
Jun-231	JUNCTION	4546.81	4553.81	0.00
Jun-232	JUNCTION	4542.91	4549.91	0.00
Jun-235	JUNCTION	4431.00	4438.00	0.00
Jun-236	JUNCTION	4497.00	4504.00	0.00
Jun-242	JUNCTION	4405.00	4412.00	0.00
Jun-243	JUNCTION	4463.00	4470.00	0.00
Jun-244	JUNCTION	4460.00	4467.00	0.00
Jun-246	JUNCTION	4452.94	4459.94	0.00
Jun-247	JUNCTION	4438.47	4445.47	0.00
Jun-247·1	JUNCTION	4474.66	4481.66	0.00
Jun-248	JUNCTION	4449.96	4457.96	0.00
Jun-249	JUNCTION	4441.00	4448.00	0.00

Jun-252	JUNCTION	4408.00	4415.00	0.00
Jun-253	JUNCTION	4411.99	4418.99	0.00
Jun-254	JUNCTION	4457.00	4464.00	0.00
Jun-256	JUNCTION	4408.20	4415.20	0.00
Jun-257	JUNCTION	4583.00	4590.00	0.00
Jun-270-1	JUNCTION	4480.41	4489.91	0.00
Jun-276	JUNCTION	4409.00	4416.00	0.00
Jun-277	JUNCTION	4452.00	4459.00	0.00
Jun-280	JUNCTION	4401.00	4408.00	0.00
Jun-280·1	JUNCTION	4445.00	4452.00	0.00
Jun-281	JUNCTION	4401.00	4408.00	0.00
Jun-283	JUNCTION	4465.00	4472.00	0.00
Jun-283·1	JUNCTION	4493.00	4500.00	0.00
Jun-284	JUNCTION	4502.00	4509.00	0.00
Jun-286	JUNCTION	4442.00	4447.00	0.00
Jun-287	JUNCTION	4404.00	4412.00	0.00
Jun-288	JUNCTION	4469.00	4476.00	0.00
Jun-290	JUNCTION	4399.00	4406.00	0.00
Jun-29-1	JUNCTION	4464.37	4471.37	0.00
Jun-292	JUNCTION	4409.66	4416.66	0.00
Jun-295	JUNCTION	4404.17	4411.17	0.00
Jun-305	JUNCTION	4415.00	4422.00	0.00
Jun-35-1	JUNCTION	4529.00	4538.50	0.00
Jun-355	JUNCTION	4376.92	4383.92	0.00
Jun-358	JUNCTION	4399.00	4406.00	0.00
Jun-36-1	JUNCTION	4408.00	4415.00	0.00
Jun-366	JUNCTION	4395.00	4402.00	0.00
Jun-37-1	JUNCTION	4407.90	4414.90	0.00
Jun-373	JUNCTION	4424.98	4431.98	0.00
Jun-374	JUNCTION	4400.00	4407.00	0.00
Jun-376	JUNCTION	4405.00	4412.00	0.00
Jun-381	JUNCTION	4411.53	4418.53	0.00
Jun-383	JUNCTION	4400.00	4407.00	0.00
Jun-384	JUNCTION	4401.66	4408.66	0.00
Jun-390	JUNCTION	4425.98	4432.98	0.00
Jun-390·1	JUNCTION	4443.89	4450.89	0.00
Jun-391	JUNCTION	4414.95	4421.95	0.00
Jun-392	JUNCTION	4435.91	4442.91	0.00
Jun-400	JUNCTION	4412.00	4419.00	0.00
Jun-400·1	JUNCTION	4433.50	4440.50	0.00
Jun-403	JUNCTION	4400.00	4407.00	0.00
Jun-404	JUNCTION	4425.28	4432.28	0.00
Jun-409	JUNCTION	4451.90	4458.90	0.00
Jun-410	JUNCTION	4411.50	4418.50	0.00
Jun-410·1	JUNCTION	4447.73	4454.73	0.00
Jun-414	JUNCTION	4424.26	4432.26	0.00
Jun-424	JUNCTION	4393.50	4400.50	0.00
Jun-427	JUNCTION	4417.00	4424.00	0.00
Jun-428	JUNCTION	4416.50	4423.50	0.00
Jun-429	JUNCTION	4419.00	4426.00	0.00

Jun-430	JUNCTION	4412.00	4419.00	0.00
Jun-431	JUNCTION	4434.19	4441.19	0.00
Jun-437	JUNCTION	4453.00	4460.00	0.00
Jun-440	JUNCTION	4410.35	4417.35	0.00
Jun-440·1	JUNCTION	4456.02	4463.02	0.00
Jun-441	JUNCTION	4405.17	4412.17	0.00
Jun-446	JUNCTION	4403.00	4410.00	0.00
Jun-447	JUNCTION	4405.00	4412.00	0.00
Jun-455	JUNCTION	4430.97	4437.97	0.00
Jun-456	JUNCTION	4429.00	4436.00	100.00
Jun-457	JUNCTION	4425.00	4432.00	0.00
Jun-460	JUNCTION	4429.61	4436.61	0.00
Jun-463	JUNCTION	4440.00	4447.00	0.00
Jun-468	JUNCTION	4399.00	4406.00	0.00
Jun-474	JUNCTION	4394.00	4401.00	0.00
Jun-476	JUNCTION	4420.16	4427.16	0.00
Jun-477	JUNCTION	4403.03	4410.03	0.00
Jun-478	JUNCTION	4455.00	4462.00	0.00
Jun-479	JUNCTION	4417.00	4424.00	0.00
Jun-480	JUNCTION	4399.92	4406.92	0.00
Jun-481	JUNCTION	4410.40	4417.40	0.00
Jun-482	JUNCTION	4395.00	4402.00	0.00
Jun-483	JUNCTION	4431.00	4438.00	0.00
Jun-487	JUNCTION	4399.50	4406.50	0.00
Jun-488	JUNCTION	4397.00	4404.00	0.00
Jun-489	JUNCTION	4397.50	4404.50	0.00
Jun-49·2	JUNCTION	4475.46	4482.46	0.00
Jun-494	JUNCTION	4427.26	4434.26	0.00
Jun-52·1	JUNCTION	4461.00	4468.00	0.00
Jun-53-1	JUNCTION	4499.00	4506.00	0.00
Jun-540	JUNCTION	4433.04	4440.04	0.00
Jun-576	JUNCTION	4442.50	4449.50	0.00
Jun-578	JUNCTION	4443.47	4450.47	0.00
Jun-581	JUNCTION	4425.73	4432.73	0.00
Jun-583	JUNCTION	4430.59	4437.59	0.00
Jun-600	JUNCTION	4399.00	4406.00	0.00
Jun-607	JUNCTION	4443.00	4450.00	0.00
Jun-608	JUNCTION	4467.83	4474.83	0.00
Jun-62·4	JUNCTION	4509.88	4516.88	0.00
Jun-634	JUNCTION	4465.00	4472.00	0.00
Jun-635	JUNCTION	4460.50	4469.22	0.00
Jun-636	JUNCTION	4439.00	4447.00	0.00
Jun-646	JUNCTION	4453.62	4460.62	0.00
Jun-661	JUNCTION	4455.74	4462.74	0.00
Jun-665	JUNCTION	4503.34	4510.34	0.00
Jun-682	JUNCTION	4423.00	4431.00	0.00
Jun-683	JUNCTION	4455.50	4463.50	0.00
Jun-687	JUNCTION	4433.46	4440.46	0.00
Jun-688	JUNCTION	4438.07	4445.07	0.00
Jun-689	JUNCTION	4433.81	4440.81	0.00

Jun-690	JUNCTION	4424.00	4431.00	0.00
Jun-691	JUNCTION	4415.69	4422.69	0.00
Jun-692	JUNCTION	4417.24	4424.24	0.00
Jun-694	JUNCTION	4412.88	4419.88	0.00
Jun-695	JUNCTION	4451.75	4458.75	0.00
Jun-70·2	JUNCTION	4465.57	4472.57	0.00
Jun-7-1	JUNCTION	4518.39	4525.39	0.00
Jun-85·2	JUNCTION	4554.59	4561.59	0.00
Jun-85·4	JUNCTION	4506.78	4513.78	0.00
Jun-88-1	JUNCTION	4462.00	4469.00	0.00
Jun-89·2	JUNCTION	4554.29	4561.29	0.00
Jun-91-1	JUNCTION	4476.93	4483.93	0.00
Jun-94-1	JUNCTION	4524.51	4531.51	0.00
Jun-95-1	JUNCTION	4511.13	4518.13	0.00
Jun-957	JUNCTION	4545.80	4552.80	0.00
Jun-96-1	JUNCTION	4516.08	4523.08	0.00
Jun-97·4	JUNCTION	4520.66	4527.66	0.00
Jun-97-1	JUNCTION	4515.00	4522.00	0.00
Jun-979	JUNCTION	4562.38	4569.38	0.00
Jun-987	JUNCTION	4534.66	4541.66	0.00
Out-1-100	OUTFALL	4569.21	4569.21	0.00
Out-1-102	OUTFALL	0.00	0.00	0.00
Out-1-104	OUTFALL	0.00	0.00	0.00
Out-1-105	OUTFALL	0.00	0.00	0.00
Out-14	OUTFALL	0.00	0.00	0.00
Out-16	OUTFALL	0.00	1.50	0.00
Out-18	OUTFALL	0.00	1.50	0.00
Out-19	OUTFALL	0.00	0.00	0.00
Out-20	OUTFALL	4391.25	4403.25	0.00
Out-2-107	OUTFALL	4560.00	4562.50	0.00
Out-2-110	OUTFALL	4400.00	4400.00	0.00
Out-2-111	OUTFALL	4533.20	4534.70	0.00
Out-2-112-1	OUTFALL	4531.60	4532.60	0.00
Out-2-112-2	OUTFALL	4400.00	4400.00	0.00
Out-2-114	OUTFALL	4400.00	4400.00	0.00
Out-2-119	OUTFALL	4501.21	4502.71	0.00
Out-4-162	OUTFALL	0.00	0.00	0.00
Out-4-165	OUTFALL	0.00	1.50	0.00
Out-4-166	OUTFALL	0.00	1.50	0.00
Out-4-168	OUTFALL	0.00	0.00	0.00
Out-4-169	OUTFALL	0.00	0.00	0.00
Out-4-170	OUTFALL	0.00	0.00	0.00
Out-4-171	OUTFALL	0.00	0.00	0.00
Out-4-173	OUTFALL	0.00	0.00	0.00
Out-4-179	OUTFALL	0.00	0.00	0.00
Out-4-180	OUTFALL	0.00	1.50	0.00
Out-4-181	OUTFALL	0.00	0.00	0.00
Out-4-183	OUTFALL	0.00	1.50	0.00
Out-4-184	OUTFALL	0.00	1.50	0.00
Out-4-186	OUTFALL	0.00	0.00	0.00

Out-4-187	OUTFALL	0.00	0.00	0.00
Out-4-189	OUTFALL	0.00	1.50	0.00
Out-4-196	OUTFALL	0.00	1.50	0.00
Out-4-198-2	OUTFALL	4464.00	4465.50	0.00
Out-5-126	OUTFALL	0.00	0.67	0.00
Out-5-128	OUTFALL	0.00	0.00	0.00
Out-5-129	OUTFALL	0.00	0.00	0.00
Out-5-130	OUTFALL	0.00	1.50	0.00
Out-5-132	OUTFALL	0.00	1.50	0.00
Out-5-134	OUTFALL	0.00	0.00	0.00
Out-5-136	OUTFALL	0.00	1.50	0.00
Out-6-137	OUTFALL	0.00	1.50	0.00
Out-6-138	OUTFALL	0.00	0.00	0.00
Out-6-139	OUTFALL	0.00	0.00	0.00
Out-6-140	OUTFALL	0.00	0.00	0.00
Out-6-141	OUTFALL	0.00	1.50	0.00
Out-6-142	OUTFALL	0.00	0.00	0.00
Out-6-143	OUTFALL	0.00	0.00	0.00
Out-6-144	OUTFALL	0.00	0.00	0.00
Out-6-145	OUTFALL	0.00	0.00	0.00
Out-6-146	OUTFALL	0.00	0.00	0.00
Out-6-147	OUTFALL	0.00	0.00	0.00
Out-6-155	OUTFALL	4453.17	4454.67	0.00
Out-6-157	OUTFALL	0.00	0.00	0.00
Out-8-214	OUTFALL	0.00	1.50	0.00
Out-8-215	OUTFALL	0.00	1.50	0.00
Out-8-216	OUTFALL	0.00	1.50	0.00
Out-8-217	OUTFALL	0.00	1.50	0.00
Out-8-218	OUTFALL	0.00	1.50	0.00
Out-8-220	OUTFALL	0.00	1.50	0.00
Out-8-221	OUTFALL	0.00	1.50	0.00
Out-8-222	OUTFALL	0.00	1.50	0.00
Out-8-224	OUTFALL	0.00	1.50	0.00
Out-8-224-1	OUTFALL	0.00	1.50	0.00
Out-8-225	OUTFALL	0.00	0.00	0.00
Out-8-226	OUTFALL	0.00	0.00	0.00
Out-8-227	OUTFALL	0.00	1.50	0.00
Out-8-228	OUTFALL	0.00	1.50	0.00
Out-8-229	OUTFALL	0.00	1.50	0.00
Out-8-235	OUTFALL	0.00	1.50	0.00
Out-8-236	OUTFALL	0.00	0.00	0.00
Out-8-237	OUTFALL	0.00	1.50	0.00
Out-8-245	OUTFALL	0.00	0.00	0.00
Out-8-250	OUTFALL	0.00	1.50	0.00
Out-8-254	OUTFALL	0.00	1.50	0.00
Out-8-256	OUTFALL	0.00	0.67	0.00
Out-8-258	OUTFALL	0.00	0.00	0.00
Out-8-259	OUTFALL	0.00	0.00	0.00
Out-8-259-1	OUTFALL	0.00	0.67	0.00
Out-8-260	OUTFALL	0.00	0.67	0.00

Diversion-2-107	DIVIDER	4581.00	4588.00	0.00
Diversion-2-109	DIVIDER	4534.97	4541.97	0.00
Diversion-2-117	DIVIDER	4479.62	4486.62	0.00
Diversion-2-118-1	DIVIDER	4465.00	4474.50	0.00
Diversion-2-118-2	DIVIDER	4497.00	4504.00	0.00
Diversion-2-119	DIVIDER	4488.21	4495.21	0.00
Diversion-2-119-2	DIVIDER	4476.16	4483.16	0.00
Diversion-3-120	DIVIDER	4681.00	4688.00	0.00
Diversion-4-165	DIVIDER	4518.00	4525.00	0.00
Diversion-4-166	DIVIDER	4500.00	4507.00	0.00
Diversion-4-180	DIVIDER	4413.00	4420.00	0.00
Diversion-4-183	DIVIDER	4420.00	4427.00	0.00
Diversion-4-184	DIVIDER	4443.00	4447.00	0.00
Diversion-4-189	DIVIDER	4492.00	4499.00	0.00
Diversion-4-196	DIVIDER	4435.00	4441.00	0.00
Diversion-5-122	DIVIDER	4650.00	4657.00	0.00
Diversion-5-122-1	DIVIDER	4560.00	4569.25	0.00
Diversion-5-124	DIVIDER	4650.00	4657.00	0.00
Diversion-5-125	DIVIDER	4520.00	4527.00	0.00
Diversion-5-126	DIVIDER	4480.48	4487.48	0.00
Diversion-5-127	DIVIDER	4600.00	4607.00	0.00
Diversion-5-130	DIVIDER	4442.79	4449.79	0.00
Diversion-5-132	DIVIDER	4437.59	4444.59	0.00
Diversion-5-132-1	DIVIDER	4432.00	4439.00	0.00
Diversion-5-132-2	DIVIDER	4430.16	4437.16	0.00
Diversion-6-137	DIVIDER	4660.00	4667.00	0.00
Diversion-6-141	DIVIDER	4650.00	4657.00	0.00
Diversion-6-148	DIVIDER	4650.00	4657.00	0.00
Diversion-6-149	DIVIDER	4650.00	4657.00	0.00
Diversion-6-150-1	DIVIDER	4570.00	4577.00	0.00
Diversion-6-150-2	DIVIDER	4560.00	4567.00	0.00
Diversion-6-151	DIVIDER	4503.00	4510.00	0.00
Diversion-6-152	DIVIDER	4560.00	4567.00	0.00
Diversion-6-153	DIVIDER	4500.00	4507.00	0.00
Diversion-6-155	DIVIDER	4500.00	4507.00	0.00
Diversion-7-200-1	DIVIDER	4407.00	4414.00	0.00
Diversion-7-200-2	DIVIDER	4406.00	4413.00	0.00
Diversion-7-202-1	DIVIDER	4406.00	4413.00	0.00
Diversion-7-202-2	DIVIDER	4405.00	4412.00	0.00
Diversion-7-202-3	DIVIDER	4404.00	4411.00	0.00
Diversion-7-203-1	DIVIDER	4415.00	4422.00	0.00
Diversion-7-203-2	DIVIDER	4412.00	4419.00	0.00
Diversion-7-203-3	DIVIDER	4406.00	4413.00	0.00
Diversion-7-203-4	DIVIDER	4405.00	4412.00	0.00
Diversion-7-204-1	DIVIDER	4413.00	4420.00	0.00
Diversion-7-204-2	DIVIDER	4411.50	4418.50	0.00
Diversion-7-204-3	DIVIDER	4411.30	4418.30	0.00
Diversion-7-205-1	DIVIDER	4421.00	4428.00	0.00
Diversion-7-205-2	DIVIDER	4419.00	4426.00	0.00
Diversion-7-205-3	DIVIDER	4418.00	4425.00	0.00

Diversion-7-206-1	DIVIDER	4432.00	4439.00	0.00
Diversion-7-206-2	DIVIDER	4431.00	4438.00	0.00
Diversion-7-207-1	DIVIDER	4453.00	4460.00	0.00
Diversion-7-207-2	DIVIDER	4454.00	4461.00	0.00
Diversion-7-209-1	DIVIDER	4405.00	4412.00	0.00
Diversion-7-209-2	DIVIDER	4404.00	4411.00	0.00
Diversion-7-209-3	DIVIDER	4401.00	4408.00	0.00
Diversion-7-209-4	DIVIDER	4400.00	4407.00	0.00
Diversion-7-210-1	DIVIDER	4416.00	4423.00	0.00
Diversion-7-210-2	DIVIDER	4415.00	4422.00	0.00
Diversion-7-210-3	DIVIDER	4414.00	4421.00	0.00
Diversion-7-212-1	DIVIDER	4435.00	4442.00	0.00
Diversion-7-213-1	DIVIDER	4441.00	4448.00	0.00
Diversion-7-213-2	DIVIDER	4441.00	4447.00	0.00
Diversion-7-213-3	DIVIDER	4439.00	4446.00	0.00
Diversion-7-213-4	DIVIDER	4438.00	4445.00	0.00
Diversion-7-213-5	DIVIDER	4437.90	4444.90	0.00
Diversion-8-214	DIVIDER	4444.00	4451.00	0.00
Diversion-8-215	DIVIDER	4458.00	4465.00	0.00
Diversion-8-215-1	DIVIDER	4457.00	4464.00	0.00
Diversion-8-216	DIVIDER	4457.00	4464.00	0.00
Diversion-8-217	DIVIDER	4457.00	4464.00	0.00
Diversion-8-218	DIVIDER	4454.00	4461.00	0.00
Diversion-8-220-1	DIVIDER	4452.00	4459.00	0.00
Diversion-8-220-2	DIVIDER	4451.00	4458.00	0.00
Diversion-8-220-3	DIVIDER	4449.00	4456.00	0.00
Diversion-8-221	DIVIDER	4445.00	4452.00	0.00
Diversion-8-222	DIVIDER	4445.00	4452.00	0.00
Diversion-8-223	DIVIDER	4455.00	4462.00	0.00
Diversion-8-224	DIVIDER	4450.00	4457.00	0.00
Diversion-8-227	DIVIDER	4429.00	4436.00	0.00
Diversion-8-227-2	DIVIDER	4426.00	4433.00	0.00
Diversion-8-228	DIVIDER	4426.00	4433.00	0.00
Diversion-8-229	DIVIDER	4424.00	4431.00	0.00
Diversion-8-234	DIVIDER	4435.00	4442.00	0.00
Diversion-8-235	DIVIDER	4435.00	4442.00	0.00
Diversion-8-237	DIVIDER	4422.00	4429.00	0.00
Diversion-8-242	DIVIDER	4424.00	4431.00	0.00
Diversion-8-242-2	DIVIDER	4427.00	4434.00	0.00
Diversion-8-246	DIVIDER	4430.00	4437.00	0.00
Diversion-8-250	DIVIDER	4419.00	4426.00	0.00
Diversion-8-254	DIVIDER	4415.00	4422.00	0.00
Stor-04-159	STORAGE	4515.00	4518.00	100.00
Stor-04-161	STORAGE	4478.00	4480.00	100.00
Stor-04-193	STORAGE	4403.00	4410.00	100.00
Stor-04-194	STORAGE	4409.00	4416.00	100.00
Stor-06-150	STORAGE	4520.00	4527.00	100.00
Stor-08-256	STORAGE	4410.00	4415.00	100.00
Stor-08-265	STORAGE	4380.00	4388.00	100.00
Stor-2-109	STORAGE	4538.97	4541.97	100.00

Stor-5-135	STORAGE	4426.69	4432.69	100.00	
Stor-6-152	STORAGE	4512.48	4519.48	100.00	
Stor-6-153	STORAGE	4487.00	4494.00	100.00	
Stor-7-201	STORAGE	4393.00	4396.00	100.00	
Stor-8-238	STORAGE	4420.00	4425.00	100.00	
Stor-8-240	STORAGE	4410.00	4414.00	100.00	
Stor-8-253	STORAGE	4412.69	4419.69	100.00	
Stor-8-253-2	STORAGE	4413.00	4418.00	100.00	

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Link Summary
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Link ID	From Node	To Node	Element Type	Length ft	Slope %	Manning's Roughness
Link-01·4	Jun-01·4	Jun-02000	CONDUIT	340.9	1.2203	0.0150
Link-02	Diversion-3-120	J3662	CONDUIT	1015.9	0.4016	0.0150
Link-03	Jun-04000	J571	CONDUIT	333.7	6.9935	0.0150
Link-03·1	Diversion-3-120	Jun-152	CONDUIT	672.2	0.4463	0.0150
Link-04	Jun-06000	Out-5-126	CONDUIT	108.8	4095.9268	0.0150
Link-09	J1582	J2149	CONDUIT	253.0	0.5652	0.0150
Link-09·4	Jun-1300	Jun-14·4	CONDUIT	373.0	0.5925	0.0130
Link-100	J740	J3580	CONDUIT	79.5	0.3000	0.0090
Link-101	Diversion-5-122-1	Jun-231	CONDUIT	905.0	1.4575	0.0130
Link-102	Diversion-5-122-1	J1047	CONDUIT	687.5	2.8234	0.0090
Link-104	Jun-109	Jun-409	CONDUIT	354.2	0.9882	0.0130
Link-105	J3662	J3681	CONDUIT	2736.6	1.3773	0.0130
Link-106	Jun-174·1	Jun-222	CONDUIT	531.6	1.3411	0.0130
Link-107	J3692	J3693	CONDUIT	252.4	1.3904	0.0090
Link-1-07	Jun-100	Jun-110	CONDUIT	64.2	1.5569	0.0130

Link-108	Jun-175	Jun-224	CONDUIT	556.1	5.8407
0.0090					
Link-1-101	Jun-125	Jun-100	CONDUIT	114.8	1.2200
0.0130					
Link-1-115	Jun-141	Jun-138	CONDUIT	356.4	0.3003
0.0130					
Link-1-121	Jun-170	Jun-171	CONDUIT	401.5	0.3000
0.0130					
Link-123	Diversion-8-220-3	Jun-607	CONDUIT	675.8	0.8879
0.0150					
Link-124	Jun-123·4	Jun-124·4	CONDUIT	386.7	5.6397
0.0090					
Link-126	Jun-126	Jun-127	CONDUIT	307.5	0.3000
0.0150					
Link-1-265	Jun-305	Jun-200	CONDUIT	114.4	1.3810
0.0130					
Link-1-265-11	J2180	J2175	CONDUIT	259.9	1.3081
0.0090					
Link-129	Jun-125·1	Jun-126	CONDUIT	92.9	5.8887
0.0150					
Link-1-292	Jun-97-1	Jun-95-1	CONDUIT	137.7	2.8109
0.0150					
Link-136	J3000	J864	CONDUIT	1041.2	1.0075
0.0150					
Link-141	J4430	Out-8-260	CONDUIT	95.0	4632.1226
0.0150					
Link-1-420	Jun-235	Stor-04-194	CONDUIT	1659.5	1.3257
0.0150					
Link-1-420·2	Diversion-2-119	Jun-170	CONDUIT	566.4	3.7448
0.0150					
Link-143	J572	Jun-204	CONDUIT	250.3	1.3664
0.0150					
Link-1-439	Jun-979	Jun-155	CONDUIT	1044.2	1.0898
0.0150					
Link-144	Jun-204	Out-8-259-1	CONDUIT	98.2	4488.5901
0.0150					
Link-1-448	Jun-137	Jun-987	CONDUIT	38.9	0.3084
0.0150					
Link-145	J-5201	Out-8-256	CONDUIT	88.2	4992.2580
0.0150					
Link-147	Stor-08-256	J-5201	CONDUIT	868.6	1.0165
0.0150					
Link-147·1	Jun-127	Jun-216	CONDUIT	138.0	12.7536
0.0150					
Link-148	J1418	Jun-105	CONDUIT	26.2	0.8391
0.0130					
Link-1-485	Jun-190	Jun-477	CONDUIT	676.3	1.4107
0.0150					
Link-1-489	Jun-050	Jun-125	CONDUIT	292.0	0.3000
0.0150					

Link-149	Jun-187	Jun-141	CONDUIT	355.9	0.3000
0.0130					
Link-149·1	Diversion-8-242-2	Jun-690	CONDUIT	595.4	0.5039
0.0150					
Link-1-493	Jun-249	Jun-142	CONDUIT	1007.2	0.3000
0.0130					
Link-1-496	Jun-138	Jun-540	CONDUIT	359.2	0.3007
0.0130					
Link-15	Jun-200	Jun-190	CONDUIT	60.3	1.4087
0.0150					
Link-1-575	Diversion-7-213-1	Jun-142	CONDUIT	459.8	0.6568
0.0150					
Link-1-577·1	Jun-108	Diversion-8-220-3	CONDUIT	599.9	1.2519
0.0090					
Link-1-594	Diversion-7-204-3	Jun-149	CONDUIT	409.5	0.3000
0.0150					
Link-16	J625	Jun-1200	CONDUIT	38.3	0.3000
0.0150					
Link-161	Jun-195	Jun-487	CONDUIT	177.4	0.3000
0.0150					
Link-162	Jun-196	j76	CHANNEL	380.3	0.3000
0.0320					
Link-166	Jun-230	Jun-689	CONDUIT	1709.7	1.1791
0.0150					
Link-168	J3254	Jun-105	CONDUIT	32.6	6.7443
0.0130					
Link-169	Jun-229	Jun-186	CONDUIT	1132.7	0.5500
0.0130					
Link-169·1	Jun-122	Jun-123	CONDUIT	405.2	0.4936
0.0090					
Link-172	Jun-124	Jun-122	CONDUIT	70.8	2.8229
0.0090					
Link-173	Jun-129	Jun-130·5	CONDUIT	154.7	2.7738
0.0130					
Link-177	Jun-209	j703	CONDUIT	115.2	0.3000
0.0150					
Link-181	Jun-133	Jun-134	CONDUIT	170.1	6.4683
0.0130					
Link-182	Jun-134	Jun-135	CONDUIT	50.5	0.3962
0.0130					
Link-183	J1799	Jun-1017	CONDUIT	71.2	1.3910
0.0130					
Link-184	Jun-163	Jun-164	CONDUIT	275.8	0.3010
0.0130					
Link-185	Jun-139	Jun-140	CONDUIT	361.6	5.5314
0.0130					
Link-185·4	Jun-165	Jun-220	CONDUIT	725.1	0.3006
0.0130					
Link-186	Jun-140	J-4901	CONDUIT	294.4	4.7558
0.0130					

Link-186·5	Jun-130·5	Jun-136·5	CONDUIT	299.1	0.3009
0.0130					
Link-188	J724	J2930	CONDUIT	197.3	1.0493
0.0090					
Link-189	Jun-253	Jun-204	CONDUIT	277.2	2.1611
0.0150					
Link-189·1	Jun-136·5	Jun-122·5	CONDUIT	257.0	3.2883
0.0130					
Link-191	Jun-138·1	Jun-139·5	CONDUIT	48.1	0.3000
0.0130					
Link-192·5	Jun-140·5	Jun-138·1	CONDUIT	192.4	0.3015
0.0130					
Link-193	Jun-139·5	Jun-141·1	CONDUIT	178.6	0.3528
0.0130					
Link-194	Jun-108·1	Jun-169·1	CONDUIT	350.1	0.3000
0.0130					
Link-194·5	Jun-142·1	Jun-141·1	CONDUIT	49.0	1.6718
0.0130					
Link-198	J3690	J3692	CONDUIT	149.3	1.4128
0.0090					
Link-202	Jun-170·1	Jun-172	CONDUIT	53.8	4.7770
0.0090					
Link-204	J1172	J-2201	CONDUIT	533.1	0.3001
0.0150					
Link-207	J3745	J3746	CONDUIT	81.5	0.3000
0.0090					
Link-208	Jun-135	Jun-154	CONDUIT	10.7	0.9372
0.0130					
Link-21	j96	j715	CONDUIT	324.5	0.3000
0.0150					
Link-210	Jun-176	Jun-225	CONDUIT	76.6	0.3003
0.0090					
Link-211	Jun-634	Jun-118	CONDUIT	270.0	4.4444
0.0150					
Link-212	Jun-246	Jun-247	CONDUIT	1491.7	0.9701
0.0130					
Link-212·1	Jun-179	Jun-180	CONDUIT	94.6	0.3000
0.0130					
Link-213	J4098	J4100	CONDUIT	197.1	6.5510
0.0130					
Link-215	Jun-691	Jun-694	CONDUIT	935.7	0.3003
0.0130					
Link-218	Diversion-8-220-3	Jun-581	CONDUIT	1354.4	1.7182
0.0150					
Link-218·1	Jun-122·5	Jun-139·5	CONDUIT	159.6	2.8514
0.0130					
Link-222	Jun-141·1	Stor-6-153	CONDUIT	74.2	9.4853
0.0130					
Link-227	Stor-6-152	Jun-135·5	CONDUIT	78.3	0.3000
0.0090					

Link-232	j81	j80	CONDUIT	158.3	1.0673
0.0130					
Link-233	j80	j82	CONDUIT	135.4	1.0711
0.0130					
Link-233·1	Jun-152	Jun-153	CONDUIT	2805.9	1.1454
0.0130					
Link-238	Jun-02000	Jun-192·4	CONDUIT	484.1	1.2787
0.0090					
Link-246	Jun-123	J3254	CONDUIT	610.3	2.2121
0.0130					
Link-247	Jun-180	J1217	CONDUIT	414.7	0.3000
0.0130					
Link-248	Jun-440·1	J764	CONDUIT	390.1	0.3101
0.0130					
Link-249	J864	J16400	CONDUIT	423.0	0.3000
0.0150					
Link-249·1	J764	Jun-06000	CONDUIT	27.4	0.3000
0.0130					
Link-250	Jun-136	Jun-133	CONDUIT	530.4	0.3000
0.0130					
Link-250·4	Jun-203·1	Diversion-5-122-1	CONDUIT	1613.8	1.2393
0.0130					
Link-251	Jun-205·4	Jun-204·4	CONDUIT	43.0	0.5119
0.0130					
Link-251·5	Jun-162·5	Jun-163·5	CONDUIT	140.4	4.0088
0.0130					
Link-252	Jun-206·1	J-6601	CONDUIT	1457.9	0.3000
0.0150					
Link-256	Jun-209·1	Jun-665	CONDUIT	638.1	0.3000
0.0130					
Link-257	Jun-242	Jun-295	CONDUIT	130.0	0.6384
0.0130					
Link-257·1	J3697	Jun-174·1	CONDUIT	958.5	1.4294
0.0130					
Link-258	Jun-211·1	Jun-175	CONDUIT	932.0	7.1048
0.0090					
Link-260	J3693	J3697	CONDUIT	380.0	1.4238
0.0090					
Link-262	J2930	J2180	CONDUIT	444.7	1.1086
0.0130					
Link-263·4	J2175	J3580	CONDUIT	397.2	0.7678
0.0130					
Link-264	J3761	Jun-225	CONDUIT	692.1	1.0244
0.0130					
Link-266	J3580	J3583	CONDUIT	299.1	1.1701
0.0090					
Link-267	Jun-149	Jun-169	CONDUIT	157.6	0.3172
0.0130					
Link-267·1	Jun-91-1	J3761	CONDUIT	617.8	1.1072
0.0090					

Link-268	J3583	Jun-226	CONDUIT	318.1	4.4143
0.0130					
Link-269	Jun-169·1	Jun-227	CONDUIT	284.6	0.3000
0.0130					
Link-271	Jun-212-1	Jun-213	CONDUIT	393.9	0.3000
0.0130					
Link-274	J3681	Jun-149·1	CONDUIT	929.2	1.4282
0.0090					
Link-275	Jun-149·1	J3690	CONDUIT	98.8	1.2451
0.0090					
Link-275·5	J3678	J3680	CONDUIT	141.7	0.6494
0.0090					
Link-276	J1567	Jun-188	CONDUIT	113.7	0.3431
0.0090					
Link-276·4	Diversion-5-122	J3681	DIRECT	1351.8	0.7967
0.0150					
Link-277	Jun-119	Jun-105	CONDUIT	355.3	0.7881
0.0090					
Link-277·4	Diversion-5-122	Jun-123·4	DIRECT	2050.7	2.2480
0.0150					
Link-278	Jun-216	Jun-217	CONDUIT	329.7	0.3002
0.0150					
Link-279	Jun-124·4	Jun-125·1	CONDUIT	355.5	6.1580
0.0150					
Link-280	J4506	Jun-1300	CONDUIT	170.2	0.6053
0.0150					
Link-281	J1344	Jun-116	CONDUIT	523.5	3.1099
0.0090					
Link-282	Jun-35-1	Jun-218	CONDUIT	1257.5	0.3181
0.0150					
Link-284	Jun-172	Jun-223	CONDUIT	41.8	2.3952
0.0150					
Link-285	Jun-191	Jun-192	CONDUIT	675.9	0.5918
0.0090					
Link-285·4	J3711	Jun-211·1	CONDUIT	84.6	5.4479
0.0150					
Link-286	Jun-218	Jun-94-1	CONDUIT	240.5	0.3000
0.0150					
Link-287	Jun-94-1	Jun-97·4	CONDUIT	1276.8	0.3015
0.0150					
Link-289	Diversion-5-124	Jun-224	CONDUIT	504.8	28.6212
0.0150					
Link-290	Diversion-5-124	J3745	CONDUIT	1379.9	12.4384
0.0150					
Link-292	Jun-247	Jun-687	CONDUIT	827.0	0.6058
0.0130					
Link-292·1	Diversion-5-127	Jun-176	CONDUIT	851.2	16.0687
0.0150					
Link-293	Diversion-5-127	J740	CONDUIT	1069.1	14.0843
0.0150					

Link-294	Diversion-5-125	J-5701	CONDUIT	1115.8	3.5266	0.0150
Link-295	Diversion-5-125	Jun-7-1	CONDUIT	1028.7	0.3000	0.0150
Link-296	Jun-392	Jun-687	CONDUIT	712.0	0.3441	0.0090
Link-296·1	J-4801	Jun-440·1	CONDUIT	261.6	0.3097	0.0130
Link-298	Jun-192	J3406	CONDUIT	1591.4	2.2722	0.0130
Link-298·4	Jun-219	Jun-161	CONDUIT	809.8	0.3001	0.0130
Link-299	J1425	Jun-198	CONDUIT	778.0	0.3000	0.0130
Link-299·4	Jun-220	Jun-163	CONDUIT	461.4	0.3000	0.0150
Link-300	Jun-198	J1428	CONDUIT	252.6	6.5875	0.0130
Link-300·4	Diversion-5-130	Out-5-130	CONDUIT	173.7	2558.4739	0.0150
Link-300·5	J1920	J3678	CONDUIT	542.2	1.2025	0.0090
Link-301·4	Diversion-5-130	Jun-221	CONDUIT	674.1	0.3000	0.0150
Link-302	Jun-85·4	Jun-209·1	CONDUIT	509.5	0.3003	0.0150
Link-303	Diversion-5-132-1	Diversion-5-132-2	CONDUIT	172.1	1.0693	0.0150
Link-304	Diversion-5-132-1	Jun-226	CONDUIT	345.8	0.3000	0.0150
Link-305	J4092	J4095	CONDUIT	91.8	0.9690	0.0130
Link-305·4	Diversion-5-132-2	Jun-165	CONDUIT	121.0	0.3000	0.0150
Link-306	j711	j712	CONDUIT	528.9	0.9775	0.0130
Link-306·1	J4095	J4096	CONDUIT	210.9	4.1159	0.0130
Link-306·4	Diversion-5-132-2	Out-5-132	CONDUIT	74.2	5974.5920	0.0150
Link-307	J4096	J4098	CONDUIT	499.9	2.0802	0.0130
Link-307·4	Jun-221	Jun-220	CONDUIT	402.5	3.2672	0.0150
Link-308	j1477	j80	CONDUIT	54.6	2.4363	0.0130
Link-308·1	Jun-164	Jun-373	CONDUIT	142.3	0.3022	0.0130
Link-309	J4100	J4103	CONDUIT	460.0	2.5151	0.0130

Link-309·4	Jun-213	Stor-5-135	CONDUIT	234.8	0.3000
0.0150					
Link-310	Stor-5-135	Jun-179	CONDUIT	193.8	2.1052
0.0150					
Link-311	Diversion-5-132	Jun-164	CONDUIT	174.6	6.9743
0.0150					
Link-312	Diversion-5-132	Out-5-136	CONDUIT	135.9	3264.1339
0.0150					
Link-313	Jun-205·1	J3609	CONDUIT	138.8	0.3315
0.0130					
Link-313·4	Jun-222	Jun-223	CONDUIT	121.7	0.7152
0.0130					
Link-314	Jun-223	Jun-211·1	CONDUIT	40.1	1.9442
0.0130					
Link-315	Jun-224	Jun-204·4	CONDUIT	775.1	1.2565
0.0090					
Link-316	Jun-204·4	J3746	CONDUIT	856.1	2.0627
0.0090					
Link-316·5	Jun-190·1	Jun-175	CONDUIT	303.7	0.3000
0.0130					
Link-317	Jun-409	Jun-695	CONDUIT	48.8	0.3073
0.0130					
Link-317·1	J3746	Jun-91-1	CONDUIT	94.4	1.2609
0.0090					
Link-318	Jun-225	J724	CONDUIT	14.5	1.3076
0.0130					
Link-318·5	Jun-201	Jun-205·4	CONDUIT	660.8	0.7279
0.0130					
Link-319	Jun-226	Jun-108·1	CONDUIT	116.3	0.3008
0.0130					
Link-320	Jun-404	Jun-414	CONDUIT	338.8	0.3011
0.0150					
Link-320·1	Jun-227	Jun-212-1	CONDUIT	332.5	0.3008
0.0130					
Link-321	Jun-7-1	Jun-206·1	CONDUIT	425.0	0.3011
0.0150					
Link-323	Jun-96-1	Jun-97-1	CONDUIT	359.5	0.3005
0.0130					
Link-324	Jun-231	Jun-232	CONDUIT	195.2	1.9976
0.0130					
Link-325	Jun-232	J4506	CONDUIT	188.6	3.3089
0.0130					
Link-328	Jun-103	J4481	CONDUIT	141.5	0.3000
0.0130					
Link-329·4	Jun-161	Jun-608	CONDUIT	1177.2	0.3000
0.0130					
Link-33	Jun-400	Jun-410	CONDUIT	318.8	0.3000
0.0150					
Link-330	Jun-192·4	Jun-109	CONDUIT	18.1	1.2714
0.0090					

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  Link-332        Jun-217         Jun-35-1        CONDUIT          102.0    6.0986
    0.0150
  Link-334        Diversion-6-137 Out-6-137       CONDUIT          333.2 1398.5594
    0.0150
  Link-335        Diversion-6-137 J1920           CONDUIT          657.3    1.4848
    0.0150
  Link-337        Jun-204·1       Jun-235         CONDUIT          273.8    0.7305
    0.0090
  Link-337·5      Jun-153         Jun-199·5       CONDUIT          335.4    1.1507
    0.0130
  Link-338        j49             J43             CONDUIT          479.4    0.4798
    0.0130
  Link-338·1      J3680           Jun-199·5       CONDUIT           72.3    1.1065
    0.0090
  Link-339        Jun-381         j49             CONDUIT         1543.5    0.4801
    0.0130
  Link-339·1      Jun-199·5       Jun-200·1       CONDUIT          257.6    0.9706
    0.0130
  Link-340        Jun-200·1       J3681           CONDUIT           75.1    0.3596
    0.0150
  Link-342        j712            j97             CONDUIT          329.1    0.9906
    0.0130
  Link-342·1      J1447           Jun-243         CONDUIT           84.6    0.4137
    0.0130
  Link-342·5      Diversion-6-141 Jun-153         CONDUIT          269.9    1.5340
    0.0150
  Link-343        Jun-295         Jun-384         CONDUIT          363.8    0.6899
    0.0130
  Link-343·1      Jun-244         Jun-437         CONDUIT          269.9    4.4468
    0.0090
  Link-343·5      Diversion-6-141 Out-6-141       CONDUIT          217.9 2133.9085
    0.0150
  Link-344        J3609           J1425           CONDUIT          343.9    2.2655
    0.0090
  Link-346        J1714           J1267           CONDUIT           38.5    7.4189
    0.0090
  Link-346·5      Diversion-6-150-2Jun-190·1       CONDUIT          344.8    9.9606
     0.0150
  Link-347        Jun-247·1       Jun-205·1       CONDUIT          215.4    2.3953
    0.0150
  Link-347·5      Diversion-6-150-2J625            CONDUIT          155.8   17.9472
     0.0150
  Link-348        Diversion-6-150-1Diversion-6-150-2CONDUIT          131.2
7.6231      0.0150
  Link-349        Jun-123·2       Jun-124·2       CONDUIT          118.3    0.3000
    0.0090
  Link-349·5      Diversion-6-150-1Jun-162·5       CONDUIT          486.8   10.0070
     0.0150
  Link-351        Diversion-6-152 J510            CONDUIT          552.2    1.9541
    0.0150
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Link-352	Diversion-6-152	Jun-136·5	CONDUIT	920.1	5.6876
0.0150					
Link-353	Jun-252	Jun-446	CONDUIT	206.0	2.4268
0.0150					
Link-354	Diversion-6-151	Jun-142·1	CONDUIT	605.6	1.3441
0.0150					
Link-355	Jun-390	Jun-381	CONDUIT	1054.8	1.3699
0.0130					
Link-355·1	Jun-236	Jun-254	CONDUIT	845.9	4.7286
0.0130					
Link-355·5	Diversion-6-151	Jun-201	CONDUIT	174.3	1.2561
0.0150					
Link-356	Jun-391	Jun-381	CONDUIT	712.0	0.4803
0.0130					
Link-356·1	Diversion-6-153	Jun-140·5	CONDUIT	244.9	1.8821
0.0150					
Link-357	Diversion-6-149	Jun-174·1	CONDUIT	336.7	14.8500
0.0150					
Link-358	J2834	Jun-256	CONDUIT	801.8	3.1142
0.0130					
Link-358·2	Diversion-2-109	Jun-137	CONDUIT	63.1	0.3012
0.0130					
Link-358·5	Diversion-6-149	J3711	CONDUIT	844.9	6.4112
0.0150					
Link-359	Diversion-6-153	J3746	CONDUIT	1057.3	2.0694
0.0150					
Link-361	Jun-118·1	Jun-119·2	CONDUIT	408.6	1.6822
0.0130					
Link-361·5	Diversion-6-155	J2930	CONDUIT	459.1	8.5513
0.0150					
Link-363	Diversion-6-155	Out-6-155	CONDUIT	364.4	12.8506
0.0150					
Link-364	Diversion-6-148	J3692	CONDUIT	300.8	9.1039
0.0150					
Link-365	j95	j96	CONDUIT	269.2	0.6910
0.0130					
Link-365·5	Diversion-6-148	J3697	CONDUIT	545.3	6.6571
0.0150					
Link-366	Jun-1200	Stor-06-150	CONDUIT	551.2	2.1643
0.0150					
Link-367	J1447·2	Diversion-2-118-1	CONDUIT	84.6	12.5163
0.0130					
Link-367·5	J5080	Stor-6-152	CONDUIT	169.8	5.2223
0.0150					
Link-368	Jun-163·5	Stor-6-152	CONDUIT	350.4	0.9075
0.0150					
Link-369	Jun-135·5	Jun-129	CONDUIT	158.0	1.8733
0.0150					
Link-371	j698	j702	CONDUIT	406.9	0.3000
0.0130					

Link-371·1	Jun-243	Jun-244	CONDUIT	460.5	0.6515
0.0130					
Link-371·2	Jun-150·1	Jun-151·1	CONDUIT	141.3	0.3000
0.0090					
Link-377	Jun-155	J1134	CONDUIT	570.9	6.6708
0.0130					
Link-379	Jun-230·1	Jun-276	CONDUIT	1560.6	2.6913
0.0090					
Link-380	Jun-277	Jun-230·1	CONDUIT	166.9	0.5993
0.0090					
Link-385	j703	j72	CONDUIT	270.2	0.3000
0.0150					
Link-386	j715	Jun-424	CONDUIT	267.1	0.3000
0.0150					
Link-386·1	Jun-283·1	J-8301	CONDUIT	409.2	3.9102
0.0090					
Link-387	Jun-358	j85	CONDUIT	147.8	1.3534
0.0130					
Link-387·1	Jun-284	Jun-283·1	CONDUIT	861.6	1.0446
0.0090					
Link-391	Jun-429	Jun-428	CONDUIT	499.3	0.5007
0.0090					
Link-391·1	Jun-119·2	Jun-162	CONDUIT	2146.9	0.7685
0.0130					
Link-392	Jun-428	Jun-391	CONDUIT	323.9	0.4786
0.0090					
Link-392·1	J1666	Out-2-107	CONDUIT	132.4	0.3000
0.0130					
Link-393	J1267	Jun-118·1	CONDUIT	32.0	0.3000
0.0130					
Link-395	Jun-431	j1797	CONDUIT	108.5	0.5993
0.0130					
Link-395·1	Jun-254	Jun-277	CONDUIT	322.8	1.5490
0.0150					
Link-396	J3406	J-6801	CONDUIT	593.1	3.5977
0.0150					
Link-397	Diversion-4-166	Out-4-166	CONDUIT	141.7	3175.9475
0.0150					
Link-397·2	J4481	J1666	CONDUIT	205.0	0.6926
0.0150					
Link-398	Diversion-4-166	Jun-53-1	CONDUIT	283.2	0.3531
0.0150					
Link-398·2	Jun-162	Jun-979	CONDUIT	41.7	0.3000
0.0150					
Link-40	Jun-36-1	Jun-37-1	CONDUIT	54.1	0.3000
0.0130					
Link-400·2	Jun-89·2	Jun-102	CONDUIT	228.2	0.3000
0.0150					
Link-401	Jun-437	Jun-246	CONDUIT	10.7	0.5629
0.0130					

Link-401·2	Jun-102	J1128	CONDUIT	215.6	0.3015
0.0150					
Link-402	J1128	J1111	CONDUIT	333.6	1.9452
0.0150					
Link-403	Jun-440	Jun-441	CONDUIT	103.5	5.0034
0.0090					
Link-403·1	Jun-494	Diversion-8-242-2	CONDUIT	59.0	0.4407
0.0150					
Link-403·2	J1111	Jun-112·1	CONDUIT	41.2	0.3000
0.0150					
Link-404	J-7601	J1447	CONDUIT	1441.6	1.2244
0.0150					
Link-405	Diversion-4-183	Out-4-183	CONDUIT	582.7	758.5639
0.0150					
Link-405·2	J2400	J1714	CONDUIT	559.0	3.5726
0.0150					
Link-406	Jun-171	Jun-695	CONDUIT	33.8	41.6050
0.0130					
Link-408	Diversion-4-183	J3254	CONDUIT	797.4	0.3000
0.0150					
Link-409	Jun-446	Jun-281	CONDUIT	146.6	1.3641
0.0150					
Link-409·1	Diversion-4-184	Out-4-184	CONDUIT	150.9	2944.5291
0.0150					
Link-410	j82	j92	CONDUIT	718.6	1.0701
0.0130					
Link-410·1	Jun-280·1	Jun-286	CONDUIT	257.4	1.1657
0.0150					
Link-410·2	Jun-987	J-6201	CONDUIT	410.8	0.5964
0.0150					
Link-411	Jun-441	j87	CONDUIT	538.2	0.5407
0.0130					
Link-411·1	Jun-286	Jun-124	CONDUIT	289.9	1.7250
0.0150					
Link-412	Diversion-4-184	Jun-286	CONDUIT	209.9	0.4763
0.0150					
Link-413	Diversion-4-196	Out-4-196	CONDUIT	244.0	1817.6974
0.0150					
Link-414	Diversion-4-196	Jun-204·1	CONDUIT	921.3	0.3000
0.0150					
Link-415	J1428	Jun-204·1	CONDUIT	1206.6	0.9415
0.0150					
Link-415·2	Jun-1011	J2840	CHANNEL	48.0	0.3000
0.0130					
Link-418	Jun-154	Jun-139	CONDUIT	725.5	1.6815
0.0130					
Link-419	Stor-04-194	Jun-276	CONDUIT	263.6	0.3000
0.0090					
Link-42	J712·1	J-4801	CONDUIT	40.5	0.3948
0.0130					

Link-421	Jun-105	Stor-04-194	CONDUIT	740.3	1.1211
0.0150					
Link-422	Jun-455	Jun-456	CONDUIT	203.6	0.9677
0.0130					
Link-422·1	J1568	Stor-04-194	CONDUIT	627.5	0.8159
0.0150					
Link-423	j1798	Jun-457	CONDUIT	195.2	0.5994
0.0130					
Link-423·1	Stor-04-194	Jun-252	CONDUIT	258.7	1.1596
0.0150					
Link-423·2	Diversion-2-118-1	Jun-29-1	CONDUIT	197.5	0.3190
0.0150					
Link-424	j97	j96	CONDUIT	80.1	0.9859
0.0130					
Link-42421	Stor-8-238	Jun-691	CONDUIT	1066.9	0.6852
0.0090					
Link-424-32	Jun-29-1	Jun-646	CONDUIT	616.5	1.7439
0.0150					
Link-425	Diversion-4-180	Out-4-180	CONDUIT	155.9	2830.8423
0.0150					
Link-428	Jun-460	Jun-390	CONDUIT	264.8	1.3711
0.0130					
Link-428·1	Jun-257	Jun-229·1	CONDUIT	1809.1	0.3317
0.0130					
Link-428·2	Jun-124·2	Diversion-2-119	CONDUIT	1812.4	0.3002
0.0150					
Link-429	Jun-400·1	J2834	CONDUIT	189.4	0.3000
0.0130					
Link-429·2	Diversion-2-119	Jun-634	CONDUIT	529.0	4.3871
0.0150					
Link-43	J571	J572	CONDUIT	137.5	0.6473
0.0150					
Link-43·1	J2842	Jun-400·1	CONDUIT	192.7	10.0918
0.0150					
Link-43·2	Jun-49·2	J-5801	CONDUIT	606.8	0.3000
0.0150					
Link-430	Jun-256	Jun-36-1	CONDUIT	63.7	0.3139
0.0130					
Link-431	Jun-463	Jun-431	CONDUIT	966.6	0.6011
0.0130					
Link-431·1	J1300	Jun-1012	CONDUIT	67.7	0.3000
0.0150					
Link-432	j1797	Jun-483	CONDUIT	740.0	0.3432
0.0130					
Link-432·1	Stor-04-193	Jun-287	CONDUIT	150.9	0.3314
0.0150					
Link-433	Jun-85·2	Jun-89·2	CONDUIT	99.1	0.3028
0.0150					
Link-434	Diversion-4-180	Jun-07000	CONDUIT	167.1	0.3000
0.0150					

Link-434·2	Jun-112·1	Jun-957	CONDUIT	183.3	0.3001
0.0150					
Link-435	J2149	Jun-209	CONDUIT	314.8	0.3000
0.0150					
Link-435·2	Jun-957	Jun-96-1	CONDUIT	1945.2	1.5279
0.0150					
Link-437	Jun-110	Jun-212	CONDUIT	977.9	1.3131
0.0130					
Link-438	j72	Jun-287	CONDUIT	570.8	0.3000
0.0150					
Link-438·2	J1134	Jun-1016	CONDUIT	32.6	0.3069
0.0150					
Link-439	j87	j85	CONDUIT	973.6	0.5402
0.0130					
Link-440	j92	j95	CONDUIT	283.2	0.6885
0.0130					
Link-440·1	Jun-229·1	Jun-192	CONDUIT	1343.8	4.4649
0.0130					
Link-441	Jun-169	Jun-481	CONDUIT	265.8	0.3000
0.0130					
Link-441·1	Diversion-4-165	Out-4-165	CONDUIT	151.1	2990.8646
0.0150					
Link-441·2	Jun-95-1	Jun-150·1	CONDUIT	2035.7	0.3414
0.0150					
Link-442	Diversion-4-165	Jun-192	CONDUIT	579.5	0.3000
0.0150					
Link-442·2	Jun-151·1	Out-2-119	CONDUIT	848.9	0.3004
0.0150					
Link-444	Jun-52·1	J1344	CONDUIT	188.9	0.8945
0.0090					
Link-446	Jun-373	J639	CONDUIT	845.6	1.6486
0.0130					
Link-446·1	Jun-288	Jun-88-1	CONDUIT	768.0	0.9115
0.0090					
Link-446·2	Jun-1015	Out-2-111	CONDUIT	547.3	0.3000
0.0150					
Link-447	j85	Jun-482	CONDUIT	784.1	0.3000
0.0130					
Link-447·1	J-8301	Jun-288	CONDUIT	978.9	0.8173
0.0090					
Link-447·2	J1056	Diversion-2-109	CONDUIT	74.6	0.8044
0.0150					
Link-448	Jun-88-1	Jun-52·1	CONDUIT	270.9	0.3691
0.0090					
Link-448·2	Diversion-2-109	Jun-1015	CONDUIT	76.7	0.3000
0.0150					
Link-449	Jun-188	J1568	CONDUIT	56.3	1.5642
0.0150					
Link-450	J4103	J4107	CONDUIT	558.2	4.7116
0.0130					

Link-451	J4107	Jun-184	CONDUIT	245.0	1.7348
0.0150					
Link-451·2	Diversion-2-117	J1447·2	CONDUIT	745.3	0.5408
0.0150					
Link-452	Jun-184	J2842	CONDUIT	753.3	2.9273
0.0130					
Link-452·2	Diversion-2-117	J1015	CONDUIT	477.6	0.3000
0.0150					
Link-453	j66	j698	CONDUIT	262.1	0.3000
0.0130					
Link-453·1	J1015	Jun-70·2	CONDUIT	91.2	13.8377
0.0150					
Link-454	j702	j1481	CONDUIT	437.8	0.3000
0.0130					
Link-454·2	Diversion-2-118-2	J-2201	CONDUIT	241.4	13.9224
0.0150					
Link-455·2	Diversion-2-118-2	Jun-1011	CONDUIT	530.3	6.7925
0.0150					
Link-456	Jun-37-1	Jun-447	CONDUIT	306.2	0.9471
0.0130					
Link-456·2	Diversion-2-119-2	Jun-49·2	CONDUIT	232.4	0.3013
0.0150					
Link-457	Jun-116	Jun-119	CONDUIT	650.3	3.5262
0.0090					
Link-457·2	Diversion-2-119-2	J1300	CONDUIT	720.2	1.7995
0.0150					
Link-458	Diversion-4-189	Out-4-189	CONDUIT	220.9	2033.0391
0.0150					
Link-459	Jun-1016	Jun-270-1	CONDUIT	2230.2	1.4532
0.0150					
Link-460	Diversion-4-189	J-7601	CONDUIT	1268.4	0.8672
0.0150					
Link-462	j1481	j1480	CONDUIT	59.9	0.3000
0.0130					
Link-462·1	J1787	Jun-95-1	CONDUIT	61.1	0.3000
0.0150					
Link-463	Jun-1017	J2840	CONDUIT	53.6	0.3000
0.0130					
Link-465	Jun-1012	J1799	CONDUIT	337.9	0.3000
0.0150					
Link-468	J1057	Jun-270-1	CONDUIT	99.2	2.5091
0.0150					
Link-472	J2840	Jun-635	CHANNEL	149.1	0.3000
0.0130					
Link-473	Jun-447	j66	CONDUIT	389.4	0.3000
0.0130					
Link-473·1	Jun-270-1	Diversion-2-117	CONDUIT	993.9	0.3000
0.0150					
Link-477	Diversion-2-118-1	Out-4-198-2	CONDUIT	268.6	3.3508
0.0150					

Link-479	Jun-366	Stor-7-201	CONDUIT	71.4	2.8003
0.0150					
Link-484	Jun-477	Jun-280	CONDUIT	143.9	1.4106
0.0150					
Link-486	Jun-150	j81	CONDUIT	146.1	1.0334
0.0150					
Link-491	Jun-478	Jun-460	CONDUIT	1850.8	1.3718
0.0150					
Link-494	Jun-142	Jun-187	CONDUIT	685.7	0.3004
0.0130					
Link-497	Jun-479	Out-18	CONDUIT	200.9	2199.0441
0.0150					
Link-500	J43	j44	CONDUIT	38.8	0.4898
0.0150					
Link-501	Jun-212	j85	CONDUIT	33.2	0.4819
0.0150					
Link-504	Jun-384	j92	CONDUIT	434.5	0.6905
0.0150					
Link-505	Jun-151	Jun-441	CONDUIT	335.1	0.5462
0.0150					
Link-506	j44	Jun-480	CONDUIT	356.5	0.4797
0.0150					
Link-507	Jun-480	Jun-212	CONDUIT	576.0	0.4791
0.0150					
Link-508	Jun-290	Jun-488	CONDUIT	671.4	0.3000
0.0150					
Link-509	Jun-376	Jun-488	CONDUIT	743.6	1.0758
0.0150					
Link-509·1	Jun-576	Jun-688	CONDUIT	727.5	0.6090
0.0150					
Link-510	Jun-374	Jun-489	CONDUIT	1032.6	0.3000
0.0150					
Link-510·1	Diversion-8-242-2	Jun-404	CONDUIT	576.7	0.3000
0.0150					
Link-511	Jun-468	Stor-7-201	CONDUIT	1648.9	0.3639
0.0150					
Link-512	j1480	Jun-196	CONDUIT	1706.0	0.3000
0.0150					
Link-514	Jun-403	j76	CONDUIT	1444.6	0.3000
0.0150					
Link-514·1	Jun-581	J560	CONDUIT	151.3	0.3766
0.0150					
Link-516	Jun-424	Stor-7-201	CONDUIT	550.1	0.3000
0.0150					
Link-518	Jun-474	Stor-7-201	CONDUIT	702.9	0.3000
0.0150					
Link-519	Jun-481	Jun-440	CONDUIT	594.7	0.3000
0.0130					
Link-519·1	Jun-583	Jun-494	CONDUIT	640.0	0.5203
0.0150					

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  Link-52         J-5701          Diversion-5-126 CONDUIT           59.2    0.3000
    0.0130
  Link-520        Jun-427         Jun-481         CONDUIT          412.4    1.6005
    0.0150
  Link-521        Diversion-7-200-1Jun-468         DIRECT           705.3    1.1342
     0.0150
  Link-522        Diversion-7-200-1Diversion-7-200-2DIRECT           625.5
0.3000      0.0150
  Link-523        Diversion-7-200-2j66             DIRECT           581.4    0.3000
     0.0150
  Link-524        Diversion-7-200-2Jun-290         DIRECT           619.4    1.1301
     0.0150
  Link-525        Jun-281         Jun-195         CONDUIT          2128.5    0.3000
    0.0150
  Link-526        Jun-280         Jun-195         CONDUIT          2135.6    0.3000
    0.0150
  Link-530        Diversion-7-203-2Diversion-7-203-3CONDUIT          189.6
3.1644      0.0150
  Link-531        Diversion-7-203-2Jun-150         CONDUIT          430.6    0.3000
     0.0150
  Link-532        Diversion-7-203-3Jun-242         CONDUIT          183.3    0.5455
     0.0150
  Link-533        Diversion-7-203-3Diversion-7-203-4CONDUIT          379.8
0.3000      0.0150
  Link-534        Diversion-7-203-4Jun-403         CONDUIT          295.7    1.6908
     0.0150
  Link-535        Diversion-7-203-4j711            CONDUIT          403.4    0.3000
     0.0150
  Link-536        Diversion-7-202-1Jun-376         CONDUIT          344.9    0.3000
     0.0150
  Link-537        Diversion-7-202-1Diversion-7-202-2DIRECT           217.5
0.4597      0.0150
  Link-538        Diversion-7-202-2Jun-374         CONDUIT          186.1    2.6874
     0.0150
  Link-54         Jun-230·4       Jun-62·4        CONDUIT           75.5    0.3047
    0.0150
  Link-540        Diversion-7-202-2Diversion-7-202-3CONDUIT          158.1
0.6326      0.0150
  Link-541        Diversion-7-202-3Jun-366         CONDUIT          554.0    1.6246
     0.0150
  Link-543        Diversion-7-204-1j1477           CONDUIT          237.1    1.6319
     0.0150
  Link-544        Diversion-7-204-1Diversion-7-204-2DIRECT           347.3
0.4319      0.0150
  Link-544·1      Jun-607         Jun-112         CONDUIT           54.8    6.3139
    0.0130
  Link-546        Diversion-7-204-2Diversion-7-204-3CONDUIT          399.5
0.3000      0.0150
  Link-546·1      Jun-283         Jun-578         CONDUIT          519.1    4.1476
    0.0130
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  Link-547        Diversion-7-204-2Jun-151         CONDUIT          311.8    1.4433
     0.0150
  Link-549        Diversion-7-204-3j49             CONDUIT          394.2    1.8213
     0.0150
  Link-550        Diversion-7-205-1Jun-305         CONDUIT          361.3    1.6606
     0.0150
  Link-551        Diversion-7-205-1Diversion-7-205-2CONDUIT          269.1
0.7432      0.0150
  Link-552        Diversion-7-205-2Jun-429         CONDUIT          422.1    0.3000
     0.0150
  Link-553        Diversion-7-205-2Diversion-7-205-3CONDUIT          267.5
0.3738      0.0150
  Link-554        Diversion-7-205-3Jun-427         CONDUIT          336.1    0.3000
     0.0150
  Link-555        Diversion-7-205-3Jun-479         CONDUIT          235.5    0.4247
     0.0150
  Link-556        Diversion-7-206-1Jun-428         CONDUIT          378.5    4.0953
     0.0150
  Link-557        Diversion-7-206-1Diversion-7-206-2CONDUIT          138.5
0.7222      0.0150
  Link-558        Diversion-7-206-2Jun-460         CONDUIT          378.3    0.3675
     0.0150
  Link-559        Diversion-7-206-2Jun-381         CONDUIT          609.4    3.1948
     0.0150
  Link-56         J-6201          Out-2-112-1     CONDUIT          202.9    0.3007
    0.0130
  Link-560        Diversion-7-210-1Jun-430         DIRECT           238.2    1.6796
     0.0150
  Link-561        Diversion-7-210-1Diversion-7-210-2DIRECT           152.0
0.6579      0.0150
  Link-562        Diversion-7-210-2Jun-400         CONDUIT          346.7    0.8652
     0.0150
  Link-563        Diversion-7-210-2Diversion-7-210-3DIRECT           463.5
0.3000      0.0150
  Link-564        Diversion-7-210-3Jun-050         CONDUIT          219.8    0.4550
     0.0150
  Link-565        Diversion-7-210-3j44             DIRECT           441.7    2.8004
     0.0150
  Link-566        Diversion-7-207-2Jun-463         CONDUIT          334.7    4.1825
     0.0150
  Link-567        Diversion-7-207-2Diversion-7-207-1CONDUIT           10.0
10.0000      0.0130
  Link-568        Diversion-7-207-1Jun-249         CONDUIT           10.0  120.0000
     0.0130
  Link-57         J-5101          Jun-52·1        CONDUIT          628.6    4.2950
    0.0150
  Link-57·4       J-6601          J-6701          CONDUIT           59.0    0.3049
    0.0150
  Link-572        Diversion-7-207-1Jun-246         CONDUIT          100.0    0.3000
     0.0130
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  Link-573        Diversion-7-212-1j1797           CONDUIT          729.5    0.3000
     0.0150
  Link-573·1      Jun-635         Jun-183         CHANNEL          379.6    1.3750
    0.0130
  Link-574        Diversion-7-212-1Out-16          CONDUIT          560.1  791.8088
     0.0150
  Link-575·1      Jun-112         Jun-636         CONDUIT          115.8    0.4662
    0.0090
  Link-576        Diversion-7-213-1Diversion-7-213-2CONDUIT          754.5
0.3000      0.0150
  Link-577        Diversion-7-213-2Jun-187         CONDUIT          446.0    1.1390
     0.0150
  Link-578        Diversion-7-213-2Diversion-7-213-3CONDUIT          359.2
0.5567      0.0150
  Link-579        Diversion-7-213-3Jun-247         CONDUIT          396.4    0.3000
     0.0150
  Link-58         Jun-53-1        J-5401          CONDUIT          431.4    1.6224
    0.0150
  Link-58·2       J-5801          Jun-283         CONDUIT          137.9    6.2631
    0.0130
  Link-580        Diversion-7-213-3Diversion-7-213-4CONDUIT          668.8
0.3000      0.0150
  Link-581        Diversion-7-213-4Jun-483         CONDUIT          463.6    1.5101
     0.0150
  Link-582        Diversion-7-213-4Diversion-7-213-5CONDUIT          247.0
0.3000      0.0150
  Link-583        Diversion-7-213-5Jun-138         CONDUIT          322.1    1.1735
     0.0150
  Link-584        Diversion-7-213-5Jun-455         CONDUIT         1246.6    0.5559
     0.0150
  Link-585        Diversion-7-209-1Diversion-7-209-2DIRECT           258.1
0.3875      0.0150
  Link-586        Diversion-7-209-1j95             CONDUIT          257.1    3.2242
     0.0150
  Link-586·1      Jun-646         Jun-390·1       CONDUIT          131.7    7.3886
    0.0130
  Link-587        Diversion-7-209-2Diversion-7-209-3CONDUIT          206.3
1.4541      0.0150
  Link-588        Diversion-7-209-2j87             CONDUIT          640.1    0.3000
     0.0150
  Link-588·1      Jun-410·1       J813            CONDUIT         3812.2    0.5501
    0.0130
  Link-589        Diversion-7-209-3Jun-383         CONDUIT          411.0    0.3000
     0.0150
  Link-59         Jun-186         Stor-08-265     CONDUIT          376.6    7.1260
    0.0090
  Link-590        Diversion-7-209-3Diversion-7-209-4CONDUIT          143.8
0.6954      0.0150
  Link-591        Diversion-7-209-4j85             CONDUIT          541.9    0.5536
     0.0150
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  Link-592        Diversion-7-209-4Jun-600         CONDUIT          156.2    0.6404
     0.0150
  Link-593        Diversion-7-202-3j97             CONDUIT          529.6    1.5786
     0.0150
  Link-595        Jun-410         Jun-100         CONDUIT          489.4    0.3000
    0.0150
  Link-596        Jun-482         Jun-474         CONDUIT          449.4    0.3000
    0.0130
  Link-597        Jun-600         Jun-482         CONDUIT          236.8    1.6895
    0.0150
  Link-598        Jun-383         Jun-358         CONDUIT          297.8    0.3358
    0.0150
  Link-599        Jun-430         Jun-410         CONDUIT          306.5    0.3000
    0.0150
  Link-60         J-5401          J-5101          CONDUIT          278.5    1.4362
    0.0150
  Link-600        Diversion-7-203-1Jun-195         CONDUIT          100.0   11.9988
     0.0150
  Link-601        Diversion-7-203-1Diversion-7-203-2CONDUIT          219.1
1.3694      0.0150
  Link-602        Jun-483         j1798           CONDUIT          785.9    0.6146
    0.0130
  Link-604        J-4901          Stor-04-194     CONDUIT         2458.2    0.9763
    0.0130
  Link-605        Jun-487         Jun-196         CHANNEL          155.2    0.3223
    0.0320
  Link-606        Jun-287         Jun-487         CHANNEL           98.1    4.5867
    0.0320
  Link-607        j76             Jun-489         CHANNEL          534.1    0.3000
    0.0320
  Link-608        Jun-488         Stor-7-201      CHANNEL          732.2    0.5463
    0.0320
  Link-609        Jun-661         Jun-683         CONDUIT          342.9    0.3000
    0.0090
  Link-61         Jun-1400        Jun-53-1        CONDUIT          242.4    2.8877
    0.0150
  Link-610        Jun-489         Jun-488         CHANNEL          623.0    0.3000
    0.0320
  Link-611        Jun-665         J1221           CONDUIT          844.1    9.6711
    0.0130
  Link-612        Stor-7-201      Out-20          CONDUIT          250.0    0.7000
    0.0150
  Link-620        Jun-476         Jun-692         CONDUIT          974.3    0.3000
    0.0130
  Link-625        Diversion-8-214 Out-8-214       CONDUIT           98.4 4517.6375
    0.0150
  Link-626        Diversion-8-214 Jun-390·1       CONDUIT          382.6    0.3000
    0.0150
  Link-627        Diversion-8-215 Jun-390·1       CONDUIT          555.6    2.5397
    0.0150
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  Link-629        Jun-183         Jun-683         CHANNEL           74.5    0.6713
    0.0130
  Link-630        Jun-248         Jun-636         CHANNEL          629.3    1.7416
    0.0130
  Link-631        Jun-636         Jun-414         CHANNEL          423.6    3.4796
    0.0300
  Link-634        Jun-414         Jun-682         CHANNEL          233.2    0.5403
    0.0300
  Link-635        Diversion-8-215 Diversion-8-215-1CONDUIT          309.6    0.3230
     0.0150
  Link-636        Diversion-8-215-1Out-8-215       CONDUIT          285.1 1563.5853
     0.0150
  Link-637        Diversion-8-215-1Jun-183         CONDUIT          649.5    0.3000
     0.0150
  Link-638        Jun-683         Jun-248         CHANNEL          726.4    0.7627
    0.0130
  Link-640        Diversion-8-216 Out-8-216       CONDUIT          144.0 3095.7838
    0.0150
  Link-641        Diversion-8-216 Jun-661         CONDUIT          149.7    0.8416
    0.0150
  Link-642        Diversion-8-217 Jun-173         CONDUIT          367.6    0.3000
    0.0150
  Link-643        Diversion-8-217 Out-8-217       CONDUIT          159.1 2802.0873
    0.0150
  Link-646        Diversion-8-218 Out-8-218       CONDUIT          137.5 3238.3307
    0.0150
  Link-647        Diversion-8-220-1Out-8-220       CONDUIT          419.4 1061.6430
     0.0150
  Link-648        Diversion-8-220-1Diversion-8-220-2CONDUIT          376.1
0.3000      0.0150
  Link-649        Diversion-8-220-2Jun-248         CONDUIT          320.0    0.3250
     0.0150
  Link-65         Diversion-5-126 Jun-219         CONDUIT         1418.7    0.4716
    0.0130
  Link-650        Diversion-8-220-2Jun-111         CONDUIT          498.8    2.2675
     0.0150
  Link-653        Diversion-8-221 Jun-578         CONDUIT          456.0    0.3355
    0.0150
  Link-654        Diversion-8-221 Out-8-221       CONDUIT          178.6 2488.9412
    0.0150
  Link-657        Jun-578         Jun-636         CONDUIT          620.7    0.7202
    0.0150
  Link-658        Diversion-8-222 Out-8-222       CONDUIT          449.0  989.9998
    0.0150
  Link-659        Diversion-8-222 Jun-578         CONDUIT         1240.4    0.3000
    0.0150
  Link-66         Jun-70·2        J1172           CONDUIT          193.6    0.3000
    0.0150
  Link-66·4       Diversion-5-126 J-7401          CONDUIT         1551.0    0.3000
    0.0130
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Link-660	Diversion-8-223	Out-8-224-1	CONDUIT	145.4	3064.5938	0.0150
Link-661	Diversion-8-223	Jun-230	CONDUIT	240.1	0.4290	0.0150
Link-662	Diversion-8-224	Out-8-224	CONDUIT	99.3	4479.1142	0.0150
Link-663	Diversion-8-224	Jun-410·1	CONDUIT	563.2	0.4030	0.0150
Link-665	Diversion-8-227	Out-8-227	CONDUIT	224.1	1976.2617	0.0150
Link-666	Diversion-8-227	Diversion-8-227-2	CONDUIT	332.3	0.9028	0.0150
Link-667	Diversion-8-227-2	Jun-373	CONDUIT	517.2	0.3000	0.0150
Link-668	Diversion-8-227-2	J1221	CONDUIT	574.2	0.7471	0.0150
Link-669	Diversion-8-228	Out-8-228	CONDUIT	204.3	2166.9523	0.0150
Link-670	Diversion-8-228	J560	CONDUIT	613.5	0.3000	0.0150
Link-671	J560	Jun-682	CONDUIT	598.2	0.3611	0.0150
Link-672	Jun-687	Jun-455	CONDUIT	420.0	0.5928	0.0130
Link-673	Diversion-8-229	Out-8-229	CONDUIT	279.8	1581.0164	0.0150
Link-674	Diversion-8-229	Jun-682	CONDUIT	736.1	0.3000	0.0150
Link-68	J4547	J1690	CONDUIT	28.0	0.3000	0.0090
Link-68·4	J-7401	Jun-01·4	CONDUIT	828.0	1.2162	0.0130
Link-681	Jun-118	Jun-576	CONDUIT	947.1	1.1086	0.0150
Link-682	Diversion-8-218	Jun-118	CONDUIT	544.5	0.3000	0.0150
Link-683	Jun-688	Jun-583	CONDUIT	1166.7	0.6411	0.0150
Link-684	Jun-689	Jun-04000	CONDUIT	80.0	0.3000	0.0150
Link-685	Diversion-8-234	Jun-689	CONDUIT	195.2	0.6098	0.0150
Link-686	Diversion-8-234	J3000	CONDUIT	636.1	1.7574	0.0150
Link-687	Diversion-8-235	Out-8-235	CONDUIT	100.9	4396.3125	0.0150
Link-688	Diversion-8-235	Jun-04000	CONDUIT	900.6	0.3000	0.0150
Link-689	Diversion-8-237	Out-8-237	CONDUIT	133.6	3310.8715	0.0150

Link-69	J16400	Stor-08-256	CONDUIT	185.1	1.1940
0.0150					
Link-690	Diversion-8-237	Jun-476	CONDUIT	677.5	0.3000
0.0150					
Link-691	J639	Stor-8-240	CONDUIT	199.5	0.5214
0.0130					
Link-692	Jun-690	Jun-682	CONDUIT	431.2	0.3000
0.0130					
Link-693	Diversion-8-242	Jun-682	CONDUIT	713.6	0.3000
0.0150					
Link-694	Diversion-8-242	Jun-690	CONDUIT	512.4	0.3000
0.0150					
Link-695	Stor-8-253-2	J16400	CONDUIT	190.8	1.9862
0.0150					
Link-696	Stor-8-253	J16400	CONDUIT	118.1	2.0999
0.0150					
Link-697	Diversion-8-254	J864	CONDUIT	436.6	0.3825
0.0150					
Link-698	Diversion-8-254	Out-8-254	CONDUIT	171.4	2575.0948
0.0150					
Link-70	J-6701	Jun-230·4	CONDUIT	816.4	0.3001
0.0150					
Link-700	J813	Jun-229	CONDUIT	2488.7	0.5501
0.0130					
Link-704	Diversion-8-246	J813	CONDUIT	427.3	0.7582
0.0150					
Link-707	Jun-692	Jun-691	CONDUIT	518.1	0.3000
0.0130					
Link-708	J1221	Jun-476	CONDUIT	517.5	0.3000
0.0130					
Link-709	Diversion-8-250	Out-8-250	CONDUIT	187.0	2363.4808
0.0150					
Link-710	Diversion-8-250	Jun-692	CONDUIT	391.9	0.4491
0.0150					
Link-713	Stor-08-265	Jun-355	CONDUIT	315.6	2.5601
0.0090					
Link-714	Jun-292	Jun-186	CONDUIT	910.4	0.3098
0.0130					
Link-715	Jun-694	Jun-292	CONDUIT	1074.3	0.3000
0.0130					
Link-717	Jun-390·1	Jun-392	CONDUIT	756.8	1.0544
0.0130					
Link-718	Jun-173	Jun-661	CONDUIT	403.3	0.3000
0.0090					
Link-719	Jun-608	Jun-171	CONDUIT	676.3	0.3002
0.0130					
Link-720	Jun-695	Jun-410·1	CONDUIT	730.7	0.5501
0.0130					
Link-721	J1217	J1221	CONDUIT	691.7	0.4164
0.0130					

Link-73	J-6801	J1344	CONDUIT	51.9	0.3662
0.0150					
Link-77·2	Stor-2-109	J1043	CONDUIT	47.5	0.9893
0.0090					
Link-78	Jun-62·4	Jun-85·4	CONDUIT	1033.5	0.3000
0.0150					
Link-79	J1047	J1043	CONDUIT	292.0	0.7158
0.0090					
Link-80	J1043	J1056	CONDUIT	194.9	1.5036
0.0090					
Link-80·4	Jun-14·4	Jun-35-1	CONDUIT	117.9	3.7561
0.0150					
Link-81	Jun-111	Jun-112	CONDUIT	49.9	0.3006
0.0090					
Link-87	Jun-97·4	Jun-7-1	CONDUIT	757.7	0.3000
0.0150					
Link-89	J-2201	Jun-108	CONDUIT	106.3	6.4716
0.0090					
Link-90	J4548	J1690	CONDUIT	43.0	0.3000
0.0090					
Link-90·5	J510	Jun-11-1	CONDUIT	540.7	3.3679
0.0150					
Link-91	J1690	J2400	CONDUIT	116.8	5.7001
0.0150					
Link-91·5	Jun-11-1	J5080	CONDUIT	347.5	2.7769
0.0150					
Link-92·2	J3279	J1787	CONDUIT	50.7	0.3000
0.0130					
Link-96·1	Jun-07000	J1582	CONDUIT	652.9	1.0062
0.0150					
Link-97	Diversion-2-107	Jun-85·2	CONDUIT	923.9	2.8587
0.0150					
Link-99	Diversion-2-107	Jun-203·1	CONDUIT	616.9	0.3000
0.0150					

****
Cross Section Summary
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Link ID	Shape	Depth/ Diameter	Width	No. of Barrels	Cross Sectional Area	Full Flow Hydraulic Radius	Design Flow Capacity
		ft	ft		ft²	ft	cfs

Link-01·4	CIRCULAR	0.67	0.67	1	0.35	0.17	1.16
Link-02	CIRCULAR	2.50	2.50	1	4.91	0.63	22.53
Link-03	CIRCULAR	2.00	2.00	1	3.14	0.50	51.85
Link-03·1	CIRCULAR	2.50	2.50	1	4.91	0.63	23.75
Link-04	CIRCULAR	0.67	0.67	1	0.35	0.17	67.03
Link-09	CIRCULAR	1.50	1.50	1	1.77	0.38	6.84
Link-09·4	CIRCULAR	0.67	0.67	1	0.35	0.17	0.93
Link-100	CIRCULAR	1.25	1.25	1	1.23	0.31	5.11
Link-101	CIRCULAR	2.00	2.00	1	3.14	0.50	27.31
Link-102	CIRCULAR	1.25	1.25	1	1.23	0.31	15.68
Link-104	CIRCULAR	1.50	1.50	1	1.77	0.38	10.44
Link-105	CIRCULAR	2.00	2.00	1	3.14	0.50	26.55
Link-106	CIRCULAR	2.50	2.50	1	4.91	0.63	47.50
Link-107	CIRCULAR	2.50	2.50	1	4.91	0.63	69.86
Link-1-07	CIRCULAR	0.67	0.67	1	0.35	0.17	1.51
Link-108	CIRCULAR	2.50	2.50	1	4.91	0.63	143.19
Link-1-101	CIRCULAR	0.67	0.67	1	0.35	0.17	1.33
Link-1-115	CIRCULAR	2.00	2.00	1	3.14	0.50	12.40
Link-1-121	CIRCULAR	1.00	1.00	1	0.79	0.25	1.95
Link-123	CIRCULAR	1.50	1.50	1	1.77	0.38	8.58
Link-124	CIRCULAR	1.25	1.25	1	1.23	0.31	22.16
Link-126	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-1-265	CIRCULAR	1.25	1.25	1	1.23	0.31	7.59
Link-1-265-11	CIRCULAR	3.00	3.00	1	7.07	0.75	110.19
Link-129	CIRCULAR	2.00	2.00	1	3.14	0.50	47.58

Link-1-292	CIRCULAR	1.50	1.50	1	1.77	0.38	15.26
Link-136	CIRCULAR	1.50	1.50	1	1.77	0.38	9.14
Link-141	CIRCULAR	0.67	0.67	1	0.35	0.17	71.28
Link-1-420	CIRCULAR	1.50	1.50	1	1.77	0.38	10.48
Link-1-420·2	CIRCULAR	1.50	1.50	1	1.77	0.38	17.62
Link-143	CIRCULAR	2.00	2.00	1	3.14	0.50	22.92
Link-1-439	CIRCULAR	1.50	1.50	1	1.77	0.38	9.50
Link-144	CIRCULAR	0.67	0.67	1	0.35	0.17	70.17
Link-1-448	CIRCULAR	1.50	1.50	1	1.77	0.38	5.06
Link-145	CIRCULAR	0.67	0.67	1	0.35	0.17	74.00
Link-147	CIRCULAR	2.00	2.00	1	3.14	0.50	19.77
Link-147·1	CIRCULAR	2.50	2.50	1	4.91	0.63	126.95
Link-148	CIRCULAR	1.25	1.25	1	1.23	0.31	5.92
Link-1-485	CIRCULAR	1.50	1.50	1	1.77	0.38	10.81
Link-1-489	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-149	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-149·1	CIRCULAR	1.50	1.50	1	1.77	0.38	6.46
Link-1-493	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-1-496	CIRCULAR	2.00	2.00	1	3.14	0.50	12.40
Link-15	CIRCULAR	0.67	0.67	1	0.35	0.17	1.24
Link-1-575	CIRCULAR	1.50	1.50	1	1.77	0.38	7.38
Link-1-577·1	CIRCULAR	1.50	1.50	1	1.77	0.38	16.98
Link-1-594	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-16	CIRCULAR	0.67	0.67	1	0.35	0.17	0.57
Link-161	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35

Link-162	RECT_OPEN	3.00	100.00	1	300.00	2.83	1526.73
Link-166	CIRCULAR	0.67	0.67	1	0.35	0.17	1.14
Link-168	CIRCULAR	1.50	1.50	1	1.77	0.38	27.28
Link-169	CIRCULAR	4.00	4.00	1	12.57	1.00	106.53
Link-169·1	CIRCULAR	1.25	1.25	1	1.23	0.31	6.56
Link-172	CIRCULAR	1.25	1.25	1	1.23	0.31	15.68
Link-173	CIRCULAR	1.25	1.25	1	1.23	0.31	10.76
Link-177	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-181	CIRCULAR	2.00	2.00	1	3.14	0.50	57.54
Link-182	CIRCULAR	2.00	2.00	1	3.14	0.50	14.24
Link-183	CIRCULAR	2.00	2.00	1	3.14	0.50	26.68
Link-184	CIRCULAR	3.00	3.00	1	7.07	0.75	36.59
Link-185	CIRCULAR	2.00	2.00	1	3.14	0.50	53.21
Link-185·4	CIRCULAR	1.50	1.50	1	1.77	0.38	5.76
Link-186	CIRCULAR	2.00	2.00	1	3.14	0.50	49.33
Link-186·5	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-188	CIRCULAR	3.00	3.00	1	7.07	0.75	98.69
Link-189	CIRCULAR	2.00	2.00	1	3.14	0.50	28.82
Link-189·1	CIRCULAR	1.25	1.25	1	1.23	0.31	11.71
Link-191	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-192·5	CIRCULAR	1.25	1.25	1	1.23	0.31	3.55
Link-193	CIRCULAR	1.25	1.25	1	1.23	0.31	3.84
Link-194	CIRCULAR	3.50	3.50	1	9.62	0.88	55.11
Link-194·5	CIRCULAR	1.25	1.25	1	1.23	0.31	8.35
Link-198	CIRCULAR	2.50	2.50	1	4.91	0.63	70.42

Link-202	CIRCULAR	1.50	1.50	1	1.77	0.38	33.16
Link-204	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-207	CIRCULAR	1.50	1.50	1	1.77	0.38	8.31
Link-208	CIRCULAR	2.00	2.00	1	3.14	0.50	21.90
Link-21	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-210	CIRCULAR	2.00	2.00	1	3.14	0.50	17.91
Link-211	CIRCULAR	1.50	1.50	1	1.77	0.38	19.19
Link-212	CIRCULAR	2.00	2.00	1	3.14	0.50	22.28
Link-212·1	CIRCULAR	2.50	2.50	1	4.91	0.63	22.47
Link-213	CIRCULAR	1.50	1.50	1	1.77	0.38	26.89
Link-215	CIRCULAR	3.00	3.00	1	7.07	0.75	36.55
Link-218	CIRCULAR	1.50	1.50	1	1.77	0.38	11.93
Link-218·1	CIRCULAR	1.25	1.25	1	1.23	0.31	10.91
Link-222	CIRCULAR	1.25	1.25	1	1.23	0.31	19.90
Link-227	CIRCULAR	1.25	1.25	1	1.23	0.31	5.11
Link-232	CIRCULAR	1.25	1.25	1	1.23	0.31	6.67
Link-233	CIRCULAR	1.50	1.50	1	1.77	0.38	10.87
Link-233·1	CIRCULAR	2.00	2.00	1	3.14	0.50	24.21
Link-238	CIRCULAR	1.50	1.50	1	1.77	0.38	17.16
Link-246	CIRCULAR	1.25	1.25	1	1.23	0.31	9.61
Link-247	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-248	CIRCULAR	2.00	2.00	1	3.14	0.50	12.60
Link-249	CIRCULAR	2.00	2.00	1	3.14	0.50	10.74
Link-249·1	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-250	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39

Link-250·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	25.18					
Link-251	CIRCULAR	2.00	2.00	1	3.14	
0.50	16.19					
Link-251·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	21.03					
Link-252	CIRCULAR	2.50	2.50	1	4.91	
0.63	19.47					
Link-256	CIRCULAR	2.50	2.50	1	4.91	
0.63	22.47					
Link-257	CIRCULAR	1.25	1.25	1	1.23	
0.31	5.16					
Link-257·1	CIRCULAR	2.50	2.50	1	4.91	
0.63	49.04					
Link-258	CIRCULAR	2.50	2.50	1	4.91	
0.63	157.92					
Link-260	CIRCULAR	2.50	2.50	1	4.91	
0.63	70.70					
Link-262	CIRCULAR	3.00	3.00	1	7.07	
0.75	70.23					
Link-263·4	CIRCULAR	3.00	3.00	1	7.07	
0.75	58.44					
Link-264	CIRCULAR	3.00	3.00	1	7.07	
0.75	67.51					
Link-266	CIRCULAR	3.50	3.50	1	9.62	
0.88	157.20					
Link-267	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.92					
Link-267·1	CIRCULAR	3.00	3.00	1	7.07	
0.75	101.38					
Link-268	CIRCULAR	3.50	3.50	1	9.62	
0.88	211.38					
Link-269	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-271	CIRCULAR	4.00	4.00	1	12.57	
1.00	78.68					
Link-274	CIRCULAR	2.50	2.50	1	4.91	
0.63	70.80					
Link-275	CIRCULAR	2.50	2.50	1	4.91	
0.63	66.11					
Link-275·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	12.23					
Link-276	CIRCULAR	1.25	1.25	1	1.23	
0.31	5.47					
Link-276·4	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-277	CIRCULAR	2.00	2.00	1	3.14	
0.50	29.01					
Link-277·4	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					

Link-278	CIRCULAR	2.50	2.50	1	4.91	0.63	19.48
Link-279	CIRCULAR	2.00	2.00	1	3.14	0.50	48.65
Link-280	CIRCULAR	1.50	1.50	1	1.77	0.38	7.08
Link-281	CIRCULAR	2.00	2.00	1	3.14	0.50	57.63
Link-282	CIRCULAR	2.50	2.50	1	4.91	0.63	20.05
Link-284	CIRCULAR	1.50	1.50	1	1.77	0.38	14.09
Link-285	CIRCULAR	1.25	1.25	1	1.23	0.31	7.18
Link-285·4	CIRCULAR	1.50	1.50	1	1.77	0.38	21.25
Link-286	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-287	CIRCULAR	2.50	2.50	1	4.91	0.63	19.52
Link-289	CIRCULAR	2.50	2.50	1	4.91	0.63	190.18
Link-290	CIRCULAR	1.50	1.50	1	1.77	0.38	32.11
Link-292	CIRCULAR	2.00	2.00	1	3.14	0.50	17.61
Link-292·1	CIRCULAR	1.50	1.50	1	1.77	0.38	36.49
Link-293	CIRCULAR	1.50	1.50	1	1.77	0.38	34.17
Link-294	CIRCULAR	1.50	1.50	1	1.77	0.38	17.10
Link-295	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-296	CIRCULAR	1.25	1.25	1	1.23	0.31	5.47
Link-296·1	CIRCULAR	2.00	2.00	1	3.14	0.50	12.59
Link-298	CIRCULAR	1.50	1.50	1	1.77	0.38	15.83
Link-298·4	CIRCULAR	1.50	1.50	1	1.77	0.38	5.75
Link-299	CIRCULAR	1.50	1.50	1	1.77	0.38	5.75
Link-299·4	CIRCULAR	3.00	3.00	1	7.07	0.75	31.66
Link-300	CIRCULAR	1.50	1.50	1	1.77	0.38	26.96
Link-300·4	CIRCULAR	1.50	1.50	1	1.77	0.38	460.48

Link-300·5	CIRCULAR	1.50	1.50	1	1.77	0.38	16.64
Link-301·4	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-302	CIRCULAR	2.50	2.50	1	4.91	0.63	19.48
Link-303	CIRCULAR	1.50	1.50	1	1.77	0.38	9.41
Link-304	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-305	CIRCULAR	1.50	1.50	1	1.77	0.38	10.34
Link-305·4	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-306	CIRCULAR	1.25	1.25	1	1.23	0.31	6.39
Link-306·1	CIRCULAR	1.50	1.50	1	1.77	0.38	21.31
Link-306·4	CIRCULAR	1.50	1.50	1	1.77	0.38	703.68
Link-307	CIRCULAR	1.50	1.50	1	1.77	0.38	15.15
Link-307·4	CIRCULAR	2.00	2.00	1	3.14	0.50	35.44
Link-308	CIRCULAR	1.25	1.25	1	1.23	0.31	10.08
Link-308·1	CIRCULAR	3.00	3.00	1	7.07	0.75	36.66
Link-309	CIRCULAR	1.50	1.50	1	1.77	0.38	16.66
Link-309·4	CIRCULAR	4.00	4.00	1	12.57	1.00	68.19
Link-310	CIRCULAR	1.50	1.50	1	1.77	0.38	13.21
Link-311	CIRCULAR	1.50	1.50	1	1.77	0.38	24.04
Link-312	CIRCULAR	1.50	1.50	1	1.77	0.38	520.12
Link-313	CIRCULAR	1.50	1.50	1	1.77	0.38	6.05
Link-313·4	CIRCULAR	2.50	2.50	1	4.91	0.63	34.69
Link-314	CIRCULAR	2.50	2.50	1	4.91	0.63	57.19
Link-315	CIRCULAR	2.50	2.50	1	4.91	0.63	66.41
Link-316	CIRCULAR	2.50	2.50	1	4.91	0.63	85.09
Link-316·5	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39

Link-317	CIRCULAR	1.50	1.50	1	1.77
0.38	5.82				
Link-317·1	CIRCULAR	2.50	2.50	1	4.91
0.63	66.53				
Link-318	CIRCULAR	3.00	3.00	1	7.07
0.75	76.27				
Link-318·5	CIRCULAR	2.00	2.00	1	3.14
0.50	19.30				
Link-319	CIRCULAR	3.50	3.50	1	9.62
0.88	55.18				
Link-320	CIRCULAR	1.50	1.50	1	1.77
0.38	5.00				
Link-320·1	CIRCULAR	3.50	3.50	1	9.62
0.88	55.18				
Link-321	CIRCULAR	2.50	2.50	1	4.91
0.63	19.51				
Link-323	CIRCULAR	1.50	1.50	1	1.77
0.38	5.76				
Link-324	CIRCULAR	2.00	2.00	1	3.14
0.50	31.97				
Link-325	CIRCULAR	2.00	2.00	1	3.14
0.50	41.15				
Link-328	CIRCULAR	1.50	1.50	1	1.77
0.38	5.75				
Link-329·4	CIRCULAR	1.50	1.50	1	1.77
0.38	5.75				
Link-33	CIRCULAR	0.67	0.67	1	0.35
0.17	0.57				
Link-330	CIRCULAR	1.50	1.50	1	1.77
0.38	17.11				
Link-332	CIRCULAR	2.50	2.50	1	4.91
0.63	87.79				
Link-334	CIRCULAR	1.50	1.50	1	1.77
0.38	340.46				
Link-335	CIRCULAR	1.50	1.50	1	1.77
0.38	11.09				
Link-337	CIRCULAR	1.50	1.50	1	1.77
0.38	12.97				
Link-337·5	CIRCULAR	2.00	2.00	1	3.14
0.50	24.27				
Link-338	CIRCULAR	1.50	1.50	1	1.77
0.38	7.28				
Link-338·1	CIRCULAR	1.50	1.50	1	1.77
0.38	15.96				
Link-339	CIRCULAR	1.50	1.50	1	1.77
0.38	7.28				
Link-339·1	CIRCULAR	2.00	2.00	1	3.14
0.50	22.29				
Link-340	CIRCULAR	2.50	2.50	1	4.91
0.63	21.32				

Link-342	CIRCULAR	1.50	1.50	1	1.77
0.38	10.46				
Link-342·1	CIRCULAR	2.00	2.00	1	3.14
0.50	14.55				
Link-342·5	CIRCULAR	1.50	1.50	1	1.77
0.38	11.28				
Link-343	CIRCULAR	1.50	1.50	1	1.77
0.38	8.72				
Link-343·1	CIRCULAR	2.00	2.00	1	3.14
0.50	68.91				
Link-343·5	CIRCULAR	1.50	1.50	1	1.77
0.38	420.54				
Link-344	CIRCULAR	1.50	1.50	1	1.77
0.38	22.84				
Link-346	CIRCULAR	1.50	1.50	1	1.77
0.38	41.33				
Link-346·5	CIRCULAR	1.50	1.50	1	1.77
0.38	28.73				
Link-347	CIRCULAR	1.50	1.50	1	1.77
0.38	14.09				
Link-347·5	CIRCULAR	1.50	1.50	1	1.77
0.38	38.57				
Link-348	CIRCULAR	1.50	1.50	1	1.77
0.38	25.14				
Link-349	CIRCULAR	2.00	2.00	1	3.14
0.50	17.90				
Link-349·5	CIRCULAR	1.50	1.50	1	1.77
0.38	28.80				
Link-351	CIRCULAR	1.50	1.50	1	1.77
0.38	12.73				
Link-352	CIRCULAR	1.50	1.50	1	1.77
0.38	21.71				
Link-353	CIRCULAR	2.00	2.00	1	3.14
0.50	30.54				
Link-354	CIRCULAR	1.50	1.50	1	1.77
0.38	10.55				
Link-355	CIRCULAR	1.50	1.50	1	1.77
0.38	12.29				
Link-355·1	CIRCULAR	2.00	2.00	1	3.14
0.50	49.19				
Link-355·5	CIRCULAR	1.50	1.50	1	1.77
0.38	10.20				
Link-356	CIRCULAR	1.50	1.50	1	1.77
0.38	7.28				
Link-356·1	CIRCULAR	1.50	1.50	1	1.77
0.38	12.49				
Link-357	CIRCULAR	1.50	1.50	1	1.77
0.38	35.08				
Link-358	CIRCULAR	3.50	3.50	1	9.62
0.88	177.55				

Link-358·2	CIRCULAR	2.00	2.00	1	3.14	
0.50	12.41					
Link-358·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	23.05					
Link-359	CIRCULAR	1.50	1.50	1	1.77	
0.38	13.10					
Link-361	CIRCULAR	2.50	2.50	1	4.91	
0.63	53.20					
Link-361·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	26.62					
Link-363	CIRCULAR	1.50	1.50	1	1.77	
0.38	32.63					
Link-364	CIRCULAR	1.50	1.50	1	1.77	
0.38	27.47					
Link-365	CIRCULAR	3.00	3.00	1	7.07	
0.75	55.44					
Link-365·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	23.49					
Link-366	CIRCULAR	1.50	1.50	1	1.77	
0.38	13.39					
Link-367	CIRCULAR	2.00	2.00	1	3.14	
0.50	80.03					
Link-367·5	CIRCULAR	1.50	1.50	1	1.77	
0.38	20.80					
Link-368	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.67					
Link-369	CIRCULAR	1.50	1.50	1	1.77	
0.38	12.46					
Link-371	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-371·1	CIRCULAR	2.00	2.00	1	3.14	
0.50	18.26					
Link-371·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.31					
Link-377	CIRCULAR	2.00	2.00	1	3.14	
0.50	58.43					
Link-379	CIRCULAR	2.00	2.00	1	3.14	
0.50	53.61					
Link-380	CIRCULAR	2.00	2.00	1	3.14	
0.50	25.30					
Link-385	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-386	CIRCULAR	4.50	4.50	1	15.90	
1.13	93.35					
Link-386·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	30.00					
Link-387	CIRCULAR	2.00	2.00	1	3.14	
0.50	26.32					
Link-387·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	15.51					

Link-391	CIRCULAR	1.50	1.50	1	1.77
0.38	10.74				
Link-391·1	CIRCULAR	2.50	2.50	1	4.91
0.63	35.96				
Link-392	CIRCULAR	1.50	1.50	1	1.77
0.38	10.50				
Link-392·1	CIRCULAR	2.50	2.50	1	4.91
0.63	22.47				
Link-393	CIRCULAR	2.50	2.50	1	4.91
0.63	22.47				
Link-395	CIRCULAR	2.00	2.00	1	3.14
0.50	17.51				
Link-395·1	CIRCULAR	1.50	1.50	1	1.77
0.38	11.33				
Link-396	CIRCULAR	1.50	1.50	1	1.77
0.38	17.27				
Link-397	CIRCULAR	1.50	1.50	1	1.77
0.38	513.05				
Link-397·2	CIRCULAR	1.50	1.50	1	1.77
0.38	7.58				
Link-398	CIRCULAR	1.50	1.50	1	1.77
0.38	5.41				
Link-398·2	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-40	CIRCULAR	3.50	3.50	1	9.62
0.88	55.11				
Link-400·2	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-401	CIRCULAR	2.00	2.00	1	3.14
0.50	16.97				
Link-401·2	CIRCULAR	1.50	1.50	1	1.77
0.38	5.00				
Link-402	CIRCULAR	1.50	1.50	1	1.77
0.38	12.70				
Link-403	CIRCULAR	1.50	1.50	1	1.77
0.38	33.94				
Link-403·1	CIRCULAR	1.50	1.50	1	1.77
0.38	6.04				
Link-403·2	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-404	CIRCULAR	1.50	1.50	1	1.77
0.38	10.07				
Link-405	CIRCULAR	1.50	1.50	1	1.77
0.38	250.74				
Link-405·2	CIRCULAR	1.50	1.50	1	1.77
0.38	17.21				
Link-406	CIRCULAR	2.00	2.00	1	3.14
0.50	145.92				
Link-408	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				

Link-409	CIRCULAR	2.00	2.00	1	3.14	0.50	22.90
Link-409·1	CIRCULAR	1.50	1.50	1	1.77	0.38	494.00
Link-410	CIRCULAR	2.00	2.00	1	3.14	0.50	23.40
Link-410·1	CIRCULAR	1.50	1.50	1	1.77	0.38	9.83
Link-410·2	CIRCULAR	1.50	1.50	1	1.77	0.38	7.03
Link-411	CIRCULAR	2.00	2.00	1	3.14	0.50	16.64
Link-411·1	CIRCULAR	1.50	1.50	1	1.77	0.38	11.96
Link-412	CIRCULAR	1.50	1.50	1	1.77	0.38	6.28
Link-413	CIRCULAR	1.50	1.50	1	1.77	0.38	388.13
Link-414	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-415	CIRCULAR	1.50	1.50	1	1.77	0.38	8.83
Link-415·2	RECT_OPEN	8.00	15.00	1	120.00	3.87	1852.24
Link-418	CIRCULAR	2.00	2.00	1	3.14	0.50	29.34
Link-419	CIRCULAR	2.00	2.00	1	3.14	0.50	17.90
Link-42	CIRCULAR	0.67	0.67	1	0.35	0.17	0.76
Link-421	CIRCULAR	3.00	3.00	1	7.07	0.75	61.21
Link-422	CIRCULAR	2.00	2.00	1	3.14	0.50	22.25
Link-422·1	CIRCULAR	1.50	1.50	1	1.77	0.38	8.22
Link-423	CIRCULAR	2.00	2.00	1	3.14	0.50	17.51
Link-423·1	CIRCULAR	2.00	2.00	1	3.14	0.50	21.11
Link-423·2	CIRCULAR	1.50	1.50	1	1.77	0.38	5.14
Link-424	CIRCULAR	2.00	2.00	1	3.14	0.50	22.46
Link-42421	CIRCULAR	1.50	1.50	1	1.77	0.38	12.56
Link-424-32	CIRCULAR	1.50	1.50	1	1.77	0.38	12.02
Link-425	CIRCULAR	1.50	1.50	1	1.77	0.38	484.37

Link-428	CIRCULAR	2.00	2.00	1	3.14	0.50	26.49
Link-428·1	CIRCULAR	2.00	2.00	1	3.14	0.50	13.03
Link-428·2	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-429	CIRCULAR	3.50	3.50	1	9.62	0.88	55.11
Link-429·2	CIRCULAR	1.50	1.50	1	1.77	0.38	19.07
Link-43	CIRCULAR	2.00	2.00	1	3.14	0.50	15.77
Link-43·1	CIRCULAR	1.50	1.50	1	1.77	0.38	28.92
Link-43·2	CIRCULAR	0.67	0.67	1	0.35	0.17	0.57
Link-430	CIRCULAR	3.50	3.50	1	9.62	0.88	56.37
Link-431	CIRCULAR	2.00	2.00	1	3.14	0.50	17.54
Link-431·1	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-432	CIRCULAR	2.00	2.00	1	3.14	0.50	13.25
Link-432·1	CIRCULAR	1.50	1.50	1	1.77	0.38	5.24
Link-433	CIRCULAR	1.50	1.50	1	1.77	0.38	5.01
Link-434	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-434·2	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-435	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-435·2	CIRCULAR	1.50	1.50	1	1.77	0.38	11.25
Link-437	CIRCULAR	2.50	2.50	1	4.91	0.63	47.00
Link-438	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-438·2	CIRCULAR	1.50	1.50	1	1.77	0.38	5.04
Link-439	CIRCULAR	2.50	2.50	1	4.91	0.63	30.15
Link-440	CIRCULAR	2.50	2.50	1	4.91	0.63	34.03
Link-440·1	CIRCULAR	2.00	2.00	1	3.14	0.50	47.80
Link-441	CIRCULAR	2.50	2.50	1	4.91	0.63	22.47

Link-441·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	497.87					
Link-441·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.32					
Link-442	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-442·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-444	CIRCULAR	2.00	2.00	1	3.14	
0.50	30.90					
Link-446	CIRCULAR	2.00	2.00	1	3.14	
0.50	29.05					
Link-446·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	14.49					
Link-446·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-447	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-447·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	13.72					
Link-447·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.16					
Link-448	CIRCULAR	2.00	2.00	1	3.14	
0.50	19.85					
Link-448·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-449	CIRCULAR	1.50	1.50	1	1.77	
0.38	11.39					
Link-450	CIRCULAR	1.50	1.50	1	1.77	
0.38	22.80					
Link-451	CIRCULAR	1.50	1.50	1	1.77	
0.38	11.99					
Link-451·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.69					
Link-452	CIRCULAR	1.50	1.50	1	1.77	
0.38	17.97					
Link-452·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-453	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-453·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	33.87					
Link-454	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-454·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	33.97					
Link-455·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	23.73					
Link-456	CIRCULAR	3.50	3.50	1	9.62	
0.88	97.91					

Link-456·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.00					
Link-457	CIRCULAR	2.00	2.00	1	3.14	
0.50	61.36					
Link-457·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	12.21					
Link-458	CIRCULAR	1.50	1.50	1	1.77	
0.38	410.48					
Link-459	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.97					
Link-460	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.48					
Link-462	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-462·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-463	CIRCULAR	2.00	2.00	1	3.14	
0.50	12.39					
Link-465	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-468	CIRCULAR	1.50	1.50	1	1.77	
0.38	14.42					
Link-472	RECT_OPEN	8.00	15.00	1	120.00	
3.87	1852.24					
Link-473	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-473·1	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-477	CIRCULAR	1.50	1.50	1	1.77	
0.38	16.66					
Link-479	CIRCULAR	1.50	1.50	1	1.77	
0.38	15.23					
Link-484	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.81					
Link-486	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.25					
Link-491	CIRCULAR	2.00	2.00	1	3.14	
0.50	22.96					
Link-494	CIRCULAR	2.00	2.00	1	3.14	
0.50	12.40					
Link-497	CIRCULAR	1.50	1.50	1	1.77	
0.38	426.91					
Link-500	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.37					
Link-501	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.32					
Link-504	CIRCULAR	1.67	1.67	1	2.18	
0.42	10.02					
Link-505	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.73					

Link-506	CIRCULAR	0.67	0.67	1	0.35	0.17	0.73
Link-507	CIRCULAR	0.67	0.67	1	0.35	0.17	0.72
Link-508	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-509	CIRCULAR	1.50	1.50	1	1.77	0.38	9.44
Link-509·1	CIRCULAR	1.50	1.50	1	1.77	0.38	7.10
Link-510	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-510·1	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-511	CIRCULAR	4.50	4.50	1	15.90	1.13	102.81
Link-512	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-514	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-514·1	CIRCULAR	1.50	1.50	1	1.77	0.38	5.59
Link-516	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-518	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-519	CIRCULAR	2.50	2.50	1	4.91	0.63	22.47
Link-519·1	CIRCULAR	1.50	1.50	1	1.77	0.38	6.57
Link-52	CIRCULAR	0.67	0.67	1	0.35	0.17	0.66
Link-520	CIRCULAR	1.50	1.50	1	1.77	0.38	11.52
Link-521	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-522	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-523	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-524	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-525	CIRCULAR	2.00	2.00	1	3.14	0.50	10.74
Link-526	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-530	CIRCULAR	1.50	1.50	1	1.77	0.38	16.19
Link-531	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99

Link-532	CIRCULAR	1.50	1.50	1	1.77	0.38	6.72
Link-533	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-534	CIRCULAR	4.50	4.50	1	15.90	1.13	221.61
Link-535	CIRCULAR	4.50	4.50	1	15.90	1.13	93.35
Link-536	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-537	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-538	CIRCULAR	1.50	1.50	1	1.77	0.38	14.92
Link-54	CIRCULAR	2.50	2.50	1	4.91	0.63	19.62
Link-540	CIRCULAR	1.50	1.50	1	1.77	0.38	7.24
Link-541	CIRCULAR	1.50	1.50	1	1.77	0.38	11.60
Link-543	CIRCULAR	1.50	1.50	1	1.77	0.38	11.63
Link-544	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-544·1	CIRCULAR	1.50	1.50	1	1.77	0.38	26.39
Link-546	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-546·1	CIRCULAR	1.50	1.50	1	1.77	0.38	21.39
Link-547	CIRCULAR	1.50	1.50	1	1.77	0.38	10.94
Link-549	CIRCULAR	1.50	1.50	1	1.77	0.38	12.29
Link-550	CIRCULAR	1.50	1.50	1	1.77	0.38	11.73
Link-551	CIRCULAR	1.50	1.50	1	1.77	0.38	7.85
Link-552	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-553	CIRCULAR	1.50	1.50	1	1.77	0.38	5.57
Link-554	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-555	CIRCULAR	1.50	1.50	1	1.77	0.38	5.93
Link-556	CIRCULAR	1.50	1.50	1	1.77	0.38	18.42
Link-557	CIRCULAR	1.50	1.50	1	1.77	0.38	7.74

Link-558	CIRCULAR	1.50	1.50	1	1.77	0.38	5.52
Link-559	CIRCULAR	1.50	1.50	1	1.77	0.38	16.27
Link-56	CIRCULAR	1.00	1.00	1	0.79	0.25	1.95
Link-560	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-561	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-562	CIRCULAR	1.50	1.50	1	1.77	0.38	8.47
Link-563	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-564	CIRCULAR	1.50	1.50	1	1.77	0.38	6.14
Link-565	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-566	CIRCULAR	1.50	1.50	1	1.77	0.38	18.62
Link-567	CIRCULAR	2.50	2.50	1	4.91	0.63	129.71
Link-568	CIRCULAR	2.50	2.50	1	4.91	0.63	449.32
Link-57	CIRCULAR	1.50	1.50	1	1.77	0.38	18.87
Link-57·4	CIRCULAR	2.50	2.50	1	4.91	0.63	19.63
Link-572	CIRCULAR	2.50	2.50	1	4.91	0.63	22.47
Link-573	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-573·1	RECT_OPEN	8.00	15.00	1	120.00	3.87	3965.34
Link-574	CIRCULAR	1.50	1.50	1	1.77	0.38	256.17
Link-575·1	CIRCULAR	1.50	1.50	1	1.77	0.38	10.36
Link-576	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-577	CIRCULAR	1.50	1.50	1	1.77	0.38	9.72
Link-578	CIRCULAR	1.50	1.50	1	1.77	0.38	6.79
Link-579	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-58	CIRCULAR	1.50	1.50	1	1.77	0.38	11.60
Link-58·2	CIRCULAR	1.00	1.00	1	0.79	0.25	8.92

Link-580	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-581	CIRCULAR	1.50	1.50	1	1.77
0.38	11.19				
Link-582	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-583	CIRCULAR	1.50	1.50	1	1.77
0.38	9.86				
Link-584	CIRCULAR	1.50	1.50	1	1.77
0.38	6.79				
Link-585	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-586	CIRCULAR	1.50	1.50	1	1.77
0.38	16.35				
Link-586·1	CIRCULAR	2.00	2.00	1	3.14
0.50	61.49				
Link-587	CIRCULAR	1.50	1.50	1	1.77
0.38	10.98				
Link-588	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-588·1	CIRCULAR	2.00	2.00	1	3.14
0.50	16.78				
Link-589	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-59	CIRCULAR	4.00	4.00	1	12.57
1.00	553.87				
Link-590	CIRCULAR	1.50	1.50	1	1.77
0.38	7.59				
Link-591	CIRCULAR	1.50	1.50	1	1.77
0.38	6.77				
Link-592	CIRCULAR	1.50	1.50	1	1.77
0.38	7.29				
Link-593	CIRCULAR	1.50	1.50	1	1.77
0.38	11.44				
Link-595	CIRCULAR	0.67	0.67	1	0.35
0.17	0.57				
Link-596	CIRCULAR	3.50	3.50	1	9.62
0.88	55.11				
Link-597	CIRCULAR	1.50	1.50	1	1.77
0.38	11.83				
Link-598	CIRCULAR	1.50	1.50	1	1.77
0.38	5.28				
Link-599	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-60	CIRCULAR	1.50	1.50	1	1.77
0.38	10.91				
Link-600	CIRCULAR	1.50	1.50	1	1.77
0.38	31.53				
Link-601	CIRCULAR	1.50	1.50	1	1.77
0.38	10.65				

Link-602	CIRCULAR	2.00	2.00	1	3.14	0.50	17.74
Link-604	CIRCULAR	2.00	2.00	1	3.14	0.50	22.35
Link-605	RECT_OPEN	3.00	100.00	1	300.00	2.83	1582.38
Link-606	RECT_OPEN	3.00	100.00	1	300.00	2.83	5969.67
Link-607	RECT_OPEN	3.00	100.00	1	300.00	2.83	1526.73
Link-608	RECT_OPEN	3.00	100.00	1	300.00	2.83	2060.19
Link-609	CIRCULAR	2.00	2.00	1	3.14	0.50	17.90
Link-61	CIRCULAR	1.50	1.50	1	1.77	0.38	15.47
Link-610	RECT_OPEN	3.00	100.00	1	300.00	2.83	1526.73
Link-611	CIRCULAR	2.50	2.50	1	4.91	0.63	127.56
Link-612	CIRCULAR	12.00	12.00	1	113.10	3.00	1949.89
Link-620	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53
Link-625	CIRCULAR	1.50	1.50	1	1.77	0.38	611.89
Link-626	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-627	CIRCULAR	1.50	1.50	1	1.77	0.38	14.51
Link-629	RECT_OPEN	8.00	15.00	1	120.00	3.87	2770.78
Link-630	RECT_OPEN	8.00	15.00	1	120.00	3.87	4462.89
Link-631	RECT_OPEN	8.00	15.00	1	120.00	3.87	2733.53
Link-634	RECT_OPEN	8.00	15.00	1	120.00	3.87	1077.18
Link-635	CIRCULAR	1.50	1.50	1	1.77	0.38	5.17
Link-636	CIRCULAR	1.50	1.50	1	1.77	0.38	359.98
Link-637	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-638	RECT_OPEN	8.00	15.00	1	120.00	3.87	2953.27
Link-640	CIRCULAR	1.50	1.50	1	1.77	0.38	506.53
Link-641	CIRCULAR	1.50	1.50	1	1.77	0.38	8.35

Link-642	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-643	CIRCULAR	1.50	1.50	1	1.77
0.38	481.91				
Link-646	CIRCULAR	1.50	1.50	1	1.77
0.38	518.06				
Link-647	CIRCULAR	1.50	1.50	1	1.77
0.38	296.63				
Link-648	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-649	CIRCULAR	1.50	1.50	1	1.77
0.38	5.19				
Link-65	CIRCULAR	1.50	1.50	1	1.77
0.38	7.21				
Link-650	CIRCULAR	1.50	1.50	1	1.77
0.38	13.71				
Link-653	CIRCULAR	1.50	1.50	1	1.77
0.38	5.27				
Link-654	CIRCULAR	1.50	1.50	1	1.77
0.38	454.18				
Link-657	CIRCULAR	1.50	1.50	1	1.77
0.38	7.73				
Link-658	CIRCULAR	1.50	1.50	1	1.77
0.38	286.44				
Link-659	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-66	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-66·4	CIRCULAR	0.67	0.67	1	0.35
0.17	0.66				
Link-660	CIRCULAR	1.50	1.50	1	1.77
0.38	503.97				
Link-661	CIRCULAR	1.50	1.50	1	1.77
0.38	5.96				
Link-662	CIRCULAR	1.50	1.50	1	1.77
0.38	609.28				
Link-663	CIRCULAR	1.50	1.50	1	1.77
0.38	5.78				
Link-665	CIRCULAR	1.50	1.50	1	1.77
0.38	404.71				
Link-666	CIRCULAR	1.50	1.50	1	1.77
0.38	8.65				
Link-667	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-668	CIRCULAR	1.50	1.50	1	1.77
0.38	7.87				
Link-669	CIRCULAR	1.50	1.50	1	1.77
0.38	423.78				
Link-670	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				

Link-671	CIRCULAR	1.50	1.50	1	1.77	0.38	5.47
Link-672	CIRCULAR	2.00	2.00	1	3.14	0.50	17.42
Link-673	CIRCULAR	1.50	1.50	1	1.77	0.38	361.98
Link-674	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-68	CIRCULAR	1.25	1.25	1	1.23	0.31	5.11
Link-68·4	CIRCULAR	0.67	0.67	1	0.35	0.17	1.33
Link-681	CIRCULAR	1.50	1.50	1	1.77	0.38	9.59
Link-682	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-683	CIRCULAR	1.50	1.50	1	1.77	0.38	7.29
Link-684	CIRCULAR	2.00	2.00	1	3.14	0.50	10.74
Link-685	CIRCULAR	1.50	1.50	1	1.77	0.38	7.11
Link-686	CIRCULAR	1.50	1.50	1	1.77	0.38	12.07
Link-687	CIRCULAR	1.50	1.50	1	1.77	0.38	603.62
Link-688	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-689	CIRCULAR	1.50	1.50	1	1.77	0.38	523.83
Link-69	CIRCULAR	2.00	2.00	1	3.14	0.50	21.42
Link-690	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-691	CIRCULAR	2.00	2.00	1	3.14	0.50	16.33
Link-692	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-693	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-694	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-695	CIRCULAR	1.50	1.50	1	1.77	0.38	12.83
Link-696	CIRCULAR	1.50	1.50	1	1.77	0.38	13.19
Link-697	CIRCULAR	1.50	1.50	1	1.77	0.38	5.63
Link-698	CIRCULAR	1.50	1.50	1	1.77	0.38	461.97

Link-70	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-700	CIRCULAR	3.00	3.00	1	7.07	0.75	49.47
Link-704	CIRCULAR	1.50	1.50	1	1.77	0.38	7.93
Link-707	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53
Link-708	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53
Link-709	CIRCULAR	1.50	1.50	1	1.77	0.38	442.59
Link-710	CIRCULAR	1.50	1.50	1	1.77	0.38	6.10
Link-713	CIRCULAR	2.50	2.50	1	4.91	0.63	94.80
Link-714	CIRCULAR	3.00	3.00	1	7.07	0.75	37.12
Link-715	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53
Link-717	CIRCULAR	1.50	1.50	1	1.77	0.38	10.79
Link-718	CIRCULAR	2.00	2.00	1	3.14	0.50	17.90
Link-719	CIRCULAR	1.50	1.50	1	1.77	0.38	5.76
Link-720	CIRCULAR	2.00	2.00	1	3.14	0.50	16.78
Link-721	CIRCULAR	2.00	2.00	1	3.14	0.50	14.60
Link-73	CIRCULAR	1.50	1.50	1	1.77	0.38	5.51
Link-77·2	CIRCULAR	1.25	1.25	1	1.23	0.31	9.28
Link-78	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-79	CIRCULAR	1.25	1.25	1	1.23	0.31	7.89
Link-80	CIRCULAR	1.25	1.25	1	1.23	0.31	11.44
Link-80·4	CIRCULAR	0.67	0.67	1	0.35	0.17	2.03
Link-81	CIRCULAR	0.83	0.83	1	0.55	0.21	1.74
Link-87	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-89	CIRCULAR	1.25	1.25	1	1.23	0.31	23.74
Link-90	CIRCULAR	1.25	1.25	1	1.23	0.31	5.11

Link-90·5	CIRCULAR	0.67	0.67	1	0.35	0.17	1.92
Link-91	CIRCULAR	1.50	1.50	1	1.77	0.38	21.74
Link-91·5	CIRCULAR	0.67	0.67	1	0.35	0.17	1.75
Link-92·2	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-96·1	CIRCULAR	1.50	1.50	1	1.77	0.38	9.13
Link-97	CIRCULAR	1.50	1.50	1	1.77	0.38	15.39
Link-99	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99

Runoff Quantity Continuity	Volume acre-ft	Depth inches
Total Precipitation	690.176	1.400
Surface Runoff	11.294	0.023
Continuity Error (%)	-0.002	

Flow Routing Continuity	Volume acre-ft	Volume Mgallons
External Inflow	0.000	0.000
External Outflow	85.450	27.845
Initial Stored Volume	0.000	0.000
Final Stored Volume	16.326	5.320
Continuity Error (%)	0.042	

Composite Curve Number Computations Report

Subbasin 100

Soil/Surface Description	Area (acres)	Soil Group	CN
-	142.46	-	64.00
Composite Area & Weighted CN	142.46		

64.00

Subbasin 101

Soil/Surface Description	Area (acres)	Soil Group	CN
-	130.38	-	69.00
Composite Area & Weighted CN	130.38		69.00

Subbasin 102

Soil/Surface Description	Area (acres)	Soil Group	CN
-	86.82	-	77.00
Composite Area & Weighted CN	86.82		77.00

Subbasin 103

Soil/Surface Description	Area (acres)	Soil Group	CN
-	77.77	-	71.00
Composite Area & Weighted CN	77.77		71.00

Subbasin 104

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	126.04	-	83.00
Composite Area & Weighted CN	126.04		83.00

Subbasin 105

Soil/Surface Description	Area (acres)	Soil Group	CN
-	113.89	-	66.00
Composite Area & Weighted CN	113.89		66.00

Subbasin 106

Soil/Surface Description	Area (acres)	Soil Group	CN
-	26.80	-	72.00
Composite Area & Weighted CN	26.80		72.00

Subbasin 107

Soil/Surface Description	Area (acres)	Soil Group	CN
-	168.07	-	63.00
Composite Area & Weighted CN	168.07		63.00

Subbasin 108

Soil/Surface Description	Area (acres)	Soil Group	CN
-	63.56	-	70.00
Composite Area & Weighted CN	63.56		70.00

Subbasin 109

Soil/Surface Description	Area (acres)	Soil Group	CN
-	35.13	-	49.00
Composite Area & Weighted CN	35.13		49.00

Subbasin 110

Soil/Surface Description	Area (acres)	Soil Group	CN
-	49.32	-	49.00
Composite Area & Weighted CN	49.32		49.00

Subbasin 111

Soil/Surface Description	Area (acres)	Soil Group	CN

```
-----
  -                                                    35.95            -
 49.00
  Composite Area & Weighted CN                         35.95
 49.00

  ---------------
  Subbasin 112
  ---------------
                                                        Area           Soil
  Soil/Surface Description                             (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    11.97            -
 54.00
  Composite Area & Weighted CN                         11.97
 54.00

  ---------------
  Subbasin 113
  ---------------
                                                        Area           Soil
  Soil/Surface Description                             (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    27.45            -
 57.00
  Composite Area & Weighted CN                         27.45
 57.00

  ---------------
  Subbasin 114
  ---------------
                                                        Area           Soil
  Soil/Surface Description                             (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    57.76            -
 57.00
  Composite Area & Weighted CN                         57.76
 57.00

  ---------------
  Subbasin 115
```

Soil/Surface Description	Area (acres)	Soil Group	CN
-	48.77	-	57.00
Composite Area & Weighted CN	48.77		57.00

Subbasin 116

Soil/Surface Description	Area (acres)	Soil Group	CN
-	36.53	-	58.00
Composite Area & Weighted CN	36.53		58.00

Subbasin 117

Soil/Surface Description	Area (acres)	Soil Group	CN
-	64.65	-	75.00
Composite Area & Weighted CN	64.65		75.00

Subbasin 118

Soil/Surface Description	Area (acres)	Soil Group	CN
-	32.59	-	

87.00
Composite Area & Weighted CN 32.59
87.00

Subbasin 119

Soil/Surface Description	Area (acres)	Soil Group	CN
-	99.80	-	66.00
Composite Area & Weighted CN	99.80		66.00

Subbasin 120

Soil/Surface Description	Area (acres)	Soil Group	CN
-	178.46	-	80.00
Composite Area & Weighted CN	178.46		80.00

Subbasin 121

Soil/Surface Description	Area (acres)	Soil Group	CN
-	207.08	-	61.00
Composite Area & Weighted CN	207.08		61.00

Subbasin 122

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	242.37	-	81.00
Composite Area & Weighted CN	242.37		81.00

Subbasin 123

Soil/Surface Description	Area (acres)	Soil Group	CN
-	27.15	-	91.00
Composite Area & Weighted CN	27.15		91.00

Subbasin 124

Soil/Surface Description	Area (acres)	Soil Group	CN
-	85.07	-	69.00
Composite Area & Weighted CN	85.07		69.00

Subbasin 125

Soil/Surface Description	Area (acres)	Soil Group	CN
-	246.48	-	55.00
Composite Area & Weighted CN	246.48		

55.00

Subbasin 126

Soil/Surface Description	Area (acres)	Soil Group	CN
-	91.16	-	60.00
Composite Area & Weighted CN	91.16		60.00

Subbasin 127

Soil/Surface Description	Area (acres)	Soil Group	CN
-	180.74	-	55.00
Composite Area & Weighted CN	180.74		55.00

Subbasin 128

Soil/Surface Description	Area (acres)	Soil Group	CN
-	39.79	-	84.00
Composite Area & Weighted CN	39.79		84.00

Subbasin 129

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.42	-	89.00
Composite Area & Weighted CN	14.42		89.00

Subbasin 130

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.79	-	89.00
Composite Area & Weighted CN	13.79		89.00

Subbasin 131

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.62	-	89.00
Composite Area & Weighted CN	11.62		89.00

Subbasin 132

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.44	-	89.00
Composite Area & Weighted CN	13.44		89.00

Subbasin 133

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.19	-	95.00
Composite Area & Weighted CN	11.19		95.00

Subbasin 134

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.09	-	89.00
Composite Area & Weighted CN	16.09		89.00

Subbasin 135

Soil/Surface Description	Area (acres)	Soil Group	CN
-	15.69	-	89.00
Composite Area & Weighted CN	15.69		89.00

Subbasin 136

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   8.89   -
 95.00
  Composite Area & Weighted CN   8.89
 95.00

  Subbasin 137

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   36.34   -
 84.00
  Composite Area & Weighted CN   36.34
 84.00

  Subbasin 138

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   10.77   -
 79.00
  Composite Area & Weighted CN   10.77
 79.00

  Subbasin 139

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   51.46   -
 78.00
  Composite Area & Weighted CN   51.46
 78.00

  Subbasin 140

Soil/Surface Description	Area (acres)	Soil Group	CN
-	5.88	-	79.00
Composite Area & Weighted CN	5.88		79.00

Subbasin 141

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.53	-	69.00
Composite Area & Weighted CN	22.53		69.00

Subbasin 142

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.84	-	84.00
Composite Area & Weighted CN	11.84		84.00

Subbasin 143

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.81	-	

69.00
Composite Area & Weighted CN 7.81
69.00

Subbasin 144

Soil/Surface Description	Area (acres)	Soil Group	CN
-	8.30	-	81.00
Composite Area & Weighted CN	8.30		81.00

Subbasin 145

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.25	-	69.00
Composite Area & Weighted CN	16.25		69.00

Subbasin 146

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.85	-	79.00
Composite Area & Weighted CN	14.85		79.00

Subbasin 147

Soil/Surface Description	Area	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	67.49	-	83.00
Composite Area & Weighted CN	67.49		83.00

Subbasin 148

Soil/Surface Description	Area (acres)	Soil Group	CN
-	37.65	-	79.00
Composite Area & Weighted CN	37.65		79.00

Subbasin 149

Soil/Surface Description	Area (acres)	Soil Group	CN
-	61.84	-	73.00
Composite Area & Weighted CN	61.84		73.00

Subbasin 150

Soil/Surface Description	Area (acres)	Soil Group	CN
-	39.16	-	69.00
Composite Area & Weighted CN	39.16		

69.00

Subbasin 151

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.49	-	69.00
Composite Area & Weighted CN	13.49		69.00

Subbasin 152

Soil/Surface Description	Area (acres)	Soil Group	CN
-	25.55	-	69.00
Composite Area & Weighted CN	25.55		69.00

Subbasin 153

Soil/Surface Description	Area (acres)	Soil Group	CN
-	31.88	-	79.00
Composite Area & Weighted CN	31.88		79.00

Subbasin 154

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.06	-	70.00
Composite Area & Weighted CN	22.06		70.00

Subbasin 155

Soil/Surface Description	Area (acres)	Soil Group	CN
-	42.22	-	86.00
Composite Area & Weighted CN	42.22		86.00

Subbasin 156

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.21	-	89.00
Composite Area & Weighted CN	22.21		89.00

Subbasin 157

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.77	-	50.00
Composite Area & Weighted CN	16.77		50.00

Subbasin 158

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.48	-	51.00
Composite Area & Weighted CN	22.48		51.00

Subbasin 159

Soil/Surface Description	Area (acres)	Soil Group	CN
-	24.11	-	83.00
Composite Area & Weighted CN	24.11		83.00

Subbasin 160

Soil/Surface Description	Area (acres)	Soil Group	CN
-	71.35	-	84.00
Composite Area & Weighted CN	71.35		84.00

Subbasin 161

Soil/Surface Description	Area (acres)	Soil Group	CN

```
-----
  -                                                    32.80            -
 79.00
  Composite Area & Weighted CN                         32.80
 79.00

  ---------------
  Subbasin 162
  ---------------
                                                        Area           Soil
  Soil/Surface Description                            (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                     6.40            -
 69.00
  Composite Area & Weighted CN                          6.40
 69.00

  ---------------
  Subbasin 163
  ---------------
                                                        Area           Soil
  Soil/Surface Description                            (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    30.38            -
 68.00
  Composite Area & Weighted CN                         30.38
 68.00

  ---------------
  Subbasin 164
  ---------------
                                                        Area           Soil
  Soil/Surface Description                            (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                     8.71            -
 69.00
  Composite Area & Weighted CN                          8.71
 69.00

  ---------------
  Subbasin 165
```

Soil/Surface Description	Area (acres)	Soil Group	CN
-	8.05	-	69.00
Composite Area & Weighted CN	8.05		69.00

Subbasin 166

Soil/Surface Description	Area (acres)	Soil Group	CN
-	29.40	-	69.00
Composite Area & Weighted CN	29.40		69.00

Subbasin 167

Soil/Surface Description	Area (acres)	Soil Group	CN
-	86.97	-	79.00
Composite Area & Weighted CN	86.97		79.00

Subbasin 168

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.72	-	

69.00
Composite Area & Weighted CN 4.72
69.00

Subbasin 169

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.06	-	67.00
Composite Area & Weighted CN	23.06		67.00

Subbasin 170

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.51	-	84.00
Composite Area & Weighted CN	6.51		84.00

Subbasin 171

Soil/Surface Description	Area (acres)	Soil Group	CN
-	5.12	-	69.00
Composite Area & Weighted CN	5.12		69.00

Subbasin 172

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	119.44	-	69.00
Composite Area & Weighted CN	119.44		69.00

Subbasin 173

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.60	-	79.00
Composite Area & Weighted CN	22.60		79.00

Subbasin 174

Soil/Surface Description	Area (acres)	Soil Group	CN
-	18.83	-	83.00
Composite Area & Weighted CN	18.83		83.00

Subbasin 175

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.14	-	79.00
Composite Area & Weighted CN	12.14		

79.00

Subbasin 176

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.77	-	84.00
Composite Area & Weighted CN	21.77		84.00

Subbasin 177

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.20	-	84.00
Composite Area & Weighted CN	9.20		84.00

Subbasin 178

Soil/Surface Description	Area (acres)	Soil Group	CN
-	8.50	-	84.00
Composite Area & Weighted CN	8.50		84.00

Subbasin 179

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	32.69	-	98.00
Composite Area & Weighted CN	32.69		98.00

Subbasin 180

Soil/Surface Description	Area (acres)	Soil Group	CN
-	41.43	-	86.00
Composite Area & Weighted CN	41.43		86.00

Subbasin 181

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.31	-	94.00
Composite Area & Weighted CN	7.31		94.00

Subbasin 182

Soil/Surface Description	Area (acres)	Soil Group	CN
-	29.94	-	80.00
Composite Area & Weighted CN	29.94		80.00

Subbasin 183

Soil/Surface Description	Area (acres)	Soil Group	CN
-	41.84	-	81.00
Composite Area & Weighted CN	41.84		81.00

Subbasin 184

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.47	-	81.00
Composite Area & Weighted CN	16.47		81.00

Subbasin 185

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.96	-	81.00
Composite Area & Weighted CN	16.96		81.00

Subbasin 186

Soil/Surface Description	Area (acres)	Soil Group	CN

```
-----
  -                                                    6.10            -
 93.00
  Composite Area & Weighted CN                         6.10
 93.00

  ---------------
  Subbasin 187
  ---------------
                                                      Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                   18.79            -
 83.00
  Composite Area & Weighted CN                        18.79
 83.00

  ---------------
  Subbasin 188
  ---------------
                                                      Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                   31.26            -
 81.00
  Composite Area & Weighted CN                        31.26
 81.00

  ---------------
  Subbasin 189
  ---------------
                                                      Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                   37.44            -
 85.00
  Composite Area & Weighted CN                        37.44
 85.00

  ---------------
  Subbasin 190
```

Soil/Surface Description	Area (acres)	Soil Group	CN
-	37.43	-	83.00
Composite Area & Weighted CN	37.43		83.00

Subbasin 191

Soil/Surface Description	Area (acres)	Soil Group	CN
-	36.15	-	86.00
Composite Area & Weighted CN	36.15		86.00

Subbasin 192

Soil/Surface Description	Area (acres)	Soil Group	CN
-	17.60	-	57.00
Composite Area & Weighted CN	17.60		57.00

Subbasin 193

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.96	-	

80.00
Composite Area & Weighted CN 12.96
80.00

Subbasin 194

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.60	-	85.00
Composite Area & Weighted CN	21.60		85.00

Subbasin 195

Soil/Surface Description	Area (acres)	Soil Group	CN
-	31.04	-	65.00
Composite Area & Weighted CN	31.04		65.00

Subbasin 196

Soil/Surface Description	Area (acres)	Soil Group	CN
-	24.32	-	53.00
Composite Area & Weighted CN	24.32		53.00

Subbasin 197

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.21	-	86.00
Composite Area & Weighted CN	12.21		86.00

Subbasin 198

Soil/Surface Description	Area (acres)	Soil Group	CN
-	38.29	-	69.00
Composite Area & Weighted CN	38.29		69.00

Subbasin 199

Soil/Surface Description	Area (acres)	Soil Group	CN
-	35.39	-	61.00
Composite Area & Weighted CN	35.39		61.00

Subbasin 200

Soil/Surface Description	Area (acres)	Soil Group	CN
-	63.60	-	95.00
Composite Area & Weighted CN	63.60		

95.00

Subbasin 201

Soil/Surface Description	Area (acres)	Soil Group	CN
-	39.76	-	80.00
Composite Area & Weighted CN	39.76		80.00

Subbasin 202

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.63	-	95.00
Composite Area & Weighted CN	14.63		95.00

Subbasin 203

Soil/Surface Description	Area (acres)	Soil Group	CN
-	35.32	-	92.00
Composite Area & Weighted CN	35.32		92.00

Subbasin 204

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.85	-	95.00
Composite Area & Weighted CN	23.85		95.00

Subbasin 205

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.02	-	87.00
Composite Area & Weighted CN	23.02		87.00

Subbasin 206

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.60	-	77.00
Composite Area & Weighted CN	14.60		77.00

Subbasin 207

Soil/Surface Description	Area (acres)	Soil Group	CN
-	63.56	-	82.00
Composite Area & Weighted CN	63.56		82.00

Subbasin 208

Soil/Surface Description	Area (acres)	Soil Group	CN
-	32.84	-	83.00
Composite Area & Weighted CN	32.84		83.00

Subbasin 209

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.25	-	95.00
Composite Area & Weighted CN	23.25		95.00

Subbasin 210

Soil/Surface Description	Area (acres)	Soil Group	CN
-	29.77	-	95.00
Composite Area & Weighted CN	29.77		95.00

Subbasin 211

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   19.81   -
 95.00
  Composite Area & Weighted CN   19.81
 95.00

  Subbasin 212

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   32.35   -
 64.00
  Composite Area & Weighted CN   32.35
 64.00

  Subbasin 213

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   55.84   -
 63.00
  Composite Area & Weighted CN   55.84
 63.00

  Subbasin 214

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   13.26   -
 83.00
  Composite Area & Weighted CN   13.26
 83.00

  Subbasin 215

Soil/Surface Description	Area (acres)	Soil Group	CN
-	26.54	-	78.00
Composite Area & Weighted CN	26.54		78.00

Subbasin 216

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.61	-	89.00
Composite Area & Weighted CN	7.61		89.00

Subbasin 217

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.94	-	83.00
Composite Area & Weighted CN	11.94		83.00

Subbasin 218

Soil/Surface Description	Area (acres)	Soil Group	CN
-	15.05	-	

74.00
Composite Area & Weighted CN 15.05
74.00

Subbasin 219

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.93	-	63.00
Composite Area & Weighted CN	12.93		63.00

Subbasin 220

Soil/Surface Description	Area (acres)	Soil Group	CN
-	25.63	-	62.00
Composite Area & Weighted CN	25.63		62.00

Subbasin 221

Soil/Surface Description	Area (acres)	Soil Group	CN
-	15.84	-	64.00
Composite Area & Weighted CN	15.84		64.00

Subbasin 222

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	18.22	-	78.00
Composite Area & Weighted CN	18.22		78.00

Subbasin 223

Soil/Surface Description	Area (acres)	Soil Group	CN
-	5.34	-	89.00
Composite Area & Weighted CN	5.34		89.00

Subbasin 224

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.38	-	89.00
Composite Area & Weighted CN	6.38		89.00

Subbasin 225

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.92	-	89.00
Composite Area & Weighted CN	16.92		

89.00

Subbasin 226

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.90	-	89.00
Composite Area & Weighted CN	23.90		89.00

Subbasin 227

Soil/Surface Description	Area (acres)	Soil Group	CN
-	25.60	-	89.00
Composite Area & Weighted CN	25.60		89.00

Subbasin 228

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.51	-	53.00
Composite Area & Weighted CN	14.51		53.00

Subbasin 229

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	26.17	-	74.00
Composite Area & Weighted CN	26.17		74.00

Subbasin 230

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.14	-	59.00
Composite Area & Weighted CN	23.14		59.00

Subbasin 231

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.62	-	48.00
Composite Area & Weighted CN	21.62		48.00

Subbasin 232

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.28	-	57.00
Composite Area & Weighted CN	14.28		57.00

Subbasin 233

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.10	-	62.00
Composite Area & Weighted CN	23.10		62.00

Subbasin 234

Soil/Surface Description	Area (acres)	Soil Group	CN
-	20.47	-	93.00
Composite Area & Weighted CN	20.47		93.00

Subbasin 235

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.51	-	89.00
Composite Area & Weighted CN	23.51		89.00

Subbasin 236

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   21.54   -
 95.00
  Composite Area & Weighted CN   21.54
 95.00

  Subbasin 237

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   20.51   -
 95.00
  Composite Area & Weighted CN   20.51
 95.00

  Subbasin 238

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   16.45   -
 95.00
  Composite Area & Weighted CN   16.45
 95.00

  Subbasin 239

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   9.15   -
 95.00
  Composite Area & Weighted CN   9.15
 95.00

  Subbasin 240

Soil/Surface Description	Area (acres)	Soil Group	CN
-	20.30	-	95.00
Composite Area & Weighted CN	20.30		95.00

Subbasin 241

Soil/Surface Description	Area (acres)	Soil Group	CN
-	5.47	-	57.00
Composite Area & Weighted CN	5.47		57.00

Subbasin 242

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.34	-	86.00
Composite Area & Weighted CN	12.34		86.00

Subbasin 243

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.06	-	

57.00
Composite Area & Weighted CN 4.06
57.00

Subbasin 244

Soil/Surface Description	Area (acres)	Soil Group	CN
-	10.32	-	57.00
Composite Area & Weighted CN	10.32		57.00

Subbasin 245

Soil/Surface Description	Area (acres)	Soil Group	CN
-	33.48	-	95.00
Composite Area & Weighted CN	33.48		95.00

Subbasin 246

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.67	-	95.00
Composite Area & Weighted CN	22.67		95.00

Subbasin 247

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.05	-	94.00
Composite Area & Weighted CN	11.05		94.00

Subbasin 248

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.60	-	95.00
Composite Area & Weighted CN	12.60		95.00

Subbasin 249

Soil/Surface Description	Area (acres)	Soil Group	CN
-	3.59	-	95.00
Composite Area & Weighted CN	3.59		95.00

Subbasin 250

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.93	-	95.00
Composite Area & Weighted CN	9.93		

95.00

Subbasin 251

Soil/Surface Description	Area (acres)	Soil Group	CN
-	59.92	-	95.00
Composite Area & Weighted CN	59.92		95.00

Subbasin 252

Soil/Surface Description	Area (acres)	Soil Group	CN
-	48.44	-	90.00
Composite Area & Weighted CN	48.44		90.00

Subbasin 253

Soil/Surface Description	Area (acres)	Soil Group	CN
-	29.99	-	88.00
Composite Area & Weighted CN	29.99		88.00

Subbasin 254

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	12.92	-	95.00
Composite Area & Weighted CN	12.92		95.00

Subbasin 255

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.04	-	89.00
Composite Area & Weighted CN	6.04		89.00

Subbasin 256

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.02	-	95.00
Composite Area & Weighted CN	13.02		95.00

Subbasin 257

Soil/Surface Description	Area (acres)	Soil Group	CN
-	3.98	-	95.00
Composite Area & Weighted CN	3.98		95.00

Subbasin 258

Soil/Surface Description	Area (acres)	Soil Group	CN
-	10.73	-	95.00
Composite Area & Weighted CN	10.73		95.00

Subbasin 259

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.91	-	95.00
Composite Area & Weighted CN	14.91		95.00

Subbasin 260

Soil/Surface Description	Area (acres)	Soil Group	CN
-	39.59	-	94.00
Composite Area & Weighted CN	39.59		94.00

Subbasin 261

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   26.07   -
 95.00
  Composite Area & Weighted CN   26.07
 95.00

  Subbasin 262

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   27.97   -
 95.00
  Composite Area & Weighted CN   27.97
 95.00

  Subbasin 263

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   5.59   -
 88.00
  Composite Area & Weighted CN   5.59
 88.00

  Subbasin 264

                                                       Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   6.13   -
 92.00
  Composite Area & Weighted CN   6.13
 92.00

  Subbasin 265

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.62	-	92.00
Composite Area & Weighted CN	7.62		92.00

****
Subbasin Runoff Summary
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Subbasin ID	Total Precip in	Total Runoff in	Peak Runoff cfs	Weighted Curve Number	Time of Concentration days	Time of Concentration hh:mm:ss
100	1.35	0.01	0.77	64.000	0	01:05:35
101	1.35	0.04	2.76	69.000	0	00:38:54
102	1.35	0.15	8.47	77.000	0	00:45:10
103	1.35	0.06	2.56	71.000	0	00:47:00
104	1.35	0.30	22.03	83.000	0	01:03:58
105	1.35	0.02	1.09	66.000	0	00:52:39
106	1.35	0.07	1.40	72.000	0	00:22:41
107	1.35	0.01	0.74	63.000	0	00:37:58
108	1.35	0.05	1.58	70.000	0	00:52:09
109	1.35	0.00	0.00	49.000	0	00:43:13
110	1.35	0.00	0.00	49.000	0	00:48:18
111	1.35	0.00	0.00	49.000	0	00:35:12
112	1.35	0.00	0.00	54.000	0	00:25:33
113	1.35	0.00	0.00	57.000	0	00:40:31
114	1.35	0.00	0.00	57.000	0	00:34:36
115	1.35	0.00	0.00	57.000	0	00:56:52
116	1.35	0.00	0.00	58.000	0	00:38:39
117	1.35	0.12	5.12	75.000	0	00:35:14
118	1.35	0.43	10.49	87.000	0	00:41:19
119	1.35	0.02	0.92	66.000	0	01:03:52
120	1.35	0.22	23.61	80.000	0	00:55:34
121	1.35	0.00	0.20	61.000	0	00:50:54
122	1.35	0.24	33.15	81.000	0	01:06:04
123	1.35	0.62	13.41	91.000	0	00:36:21
124	1.35	0.04	1.63	69.000	0	00:50:53
125	1.35	0.00	0.00	55.000	0	01:10:30
126	1.35	0.00	0.01	60.000	0	00:27:36
127	1.35	0.00	0.00	55.000	0	00:49:51
128	1.35	0.33	11.02	84.000	0	00:23:48

129	1.35	0.52	6.52	89.000	0	00:24:10
130	1.35	0.52	6.37	89.000	0	00:21:31
131	1.35	0.52	4.68	89.000	0	00:37:57
132	1.35	0.52	5.71	89.000	0	00:31:37
133	1.35	0.88	9.29	95.000	0	00:21:30
134	1.35	0.52	5.49	89.000	0	00:57:31
135	1.35	0.52	5.29	89.000	0	00:59:10
136	1.35	0.88	6.32	95.000	0	00:38:03
137	1.35	0.33	8.56	84.000	0	00:41:48
138	1.35	0.19	1.51	79.000	0	00:35:14
139	1.35	0.17	5.39	78.000	0	00:52:36
140	1.35	0.19	0.84	79.000	0	00:33:01
141	1.35	0.04	0.36	69.000	0	01:28:04
142	1.35	0.33	3.12	84.000	0	00:29:18
143	1.35	0.04	0.18	69.000	0	00:31:24
144	1.35	0.24	1.42	81.000	0	00:40:12
145	1.35	0.04	0.32	69.000	0	00:48:15
146	1.35	0.19	1.88	79.000	0	00:45:57
147	1.35	0.30	12.99	83.000	0	00:52:25
148	1.35	0.19	4.46	79.000	0	00:53:32
149	1.35	0.09	2.48	73.000	0	01:13:36
150	1.35	0.04	0.89	69.000	0	00:31:47
151	1.35	0.04	0.33	69.000	0	00:26:27
152	1.35	0.04	0.62	69.000	0	00:25:37
153	1.35	0.19	5.07	79.000	0	00:22:37
154	1.35	0.05	0.71	70.000	0	00:24:33
155	1.35	0.40	14.53	86.000	0	00:22:07
156	1.35	0.52	10.31	89.000	0	00:20:48
157	1.35	0.00	0.00	50.000	0	00:41:25
158	1.35	0.00	0.00	51.000	0	00:17:16
159	1.35	0.30	5.68	83.000	0	00:30:11
160	1.35	0.33	17.54	84.000	0	00:37:12
161	1.35	0.19	5.21	79.000	0	00:22:48
162	1.35	0.04	0.17	69.000	0	00:16:01
163	1.35	0.03	0.49	68.000	0	00:35:45
164	1.35	0.04	0.23	69.000	0	00:17:17
165	1.35	0.04	0.18	69.000	0	00:31:35
166	1.35	0.04	0.68	69.000	0	00:30:21
167	1.35	0.19	12.22	79.000	0	00:35:10
168	1.35	0.04	0.13	69.000	0	00:15:52
169	1.35	0.03	0.28	67.000	0	00:27:27
170	1.35	0.33	1.86	84.000	0	00:20:19
171	1.35	0.04	0.14	69.000	0	00:17:21
172	1.35	0.04	2.66	69.000	0	00:33:49
173	1.35	0.19	3.44	79.000	0	00:27:06
174	1.35	0.30	4.62	83.000	0	00:25:27
175	1.35	0.19	1.82	79.000	0	00:28:36
176	1.35	0.33	5.81	84.000	0	00:28:06
177	1.35	0.33	2.28	84.000	0	00:36:36
178	1.35	0.33	2.27	84.000	0	00:27:43

179	1.35	1.13	44.60	98.000	0	00:04:30
180	1.35	0.40	14.38	86.000	0	00:21:04
181	1.35	0.80	5.90	94.000	0	00:14:31
182	1.35	0.22	5.37	80.000	0	00:22:54
183	1.35	0.24	8.20	81.000	0	00:25:58
184	1.35	0.24	3.22	81.000	0	00:26:20
185	1.35	0.24	3.34	81.000	0	00:25:19
186	1.35	0.74	4.21	93.000	0	00:19:45
187	1.35	0.30	4.32	83.000	0	00:32:51
188	1.35	0.24	6.15	81.000	0	00:25:30
189	1.35	0.36	8.83	85.000	0	00:53:39
190	1.35	0.30	8.25	83.000	0	00:37:15
191	1.35	0.40	11.44	86.000	0	00:31:50
192	1.35	0.00	0.00	57.000	0	00:59:15
193	1.35	0.22	2.16	80.000	0	00:30:26
194	1.35	0.36	5.27	85.000	0	00:49:55
195	1.35	0.01	0.24	65.000	0	00:45:28
196	1.35	0.00	0.00	53.000	0	00:37:16
197	1.35	0.40	4.27	86.000	0	00:19:58
198	1.35	0.04	0.80	69.000	0	00:40:33
199	1.35	0.00	0.04	61.000	0	00:43:57
200	1.35	0.88	48.19	95.000	0	00:31:00
201	1.35	0.22	4.06	80.000	0	01:29:00
202	1.35	0.88	11.84	95.000	0	00:24:00
203	1.35	0.68	18.43	92.000	0	00:41:00
204	1.35	0.88	18.76	95.000	0	00:27:00
205	1.35	0.43	9.12	87.000	0	00:16:00
206	1.35	0.15	1.60	77.000	0	00:33:00
207	1.35	0.27	13.81	82.000	0	00:27:00
208	1.35	0.30	8.66	83.000	0	00:17:00
209	1.35	0.88	19.80	95.000	0	00:19:00
210	1.35	0.88	24.33	95.000	0	00:23:00
211	1.35	0.88	16.70	95.000	0	00:20:00
212	1.35	0.01	0.21	64.000	0	00:30:00
213	1.35	0.01	0.24	63.000	0	00:40:00
214	1.35	0.30	3.24	83.000	0	00:26:00
215	1.35	0.17	3.44	78.000	0	00:30:00
216	1.35	0.52	3.20	89.000	0	00:33:00
217	1.35	0.30	1.65	83.000	0	01:36:00
218	1.35	0.10	1.11	74.000	0	00:26:00
219	1.35	0.01	0.06	63.000	0	00:29:00
220	1.35	0.00	0.09	62.000	0	00:16:00
221	1.35	0.01	0.10	64.000	0	00:27:00
222	1.35	0.17	2.46	78.000	0	00:26:00
223	1.35	0.52	2.40	89.000	0	00:25:00
224	1.35	0.52	2.89	89.000	0	00:24:00
225	1.35	0.52	7.66	89.000	0	00:24:00
226	1.35	0.52	10.82	89.000	0	00:24:00
227	1.35	0.52	10.94	89.000	0	00:31:00
228	1.35	0.00	0.00	53.000	0	00:27:00

229	1.35	0.10	1.79	74.000	0	00:33:00
230	1.35	0.00	0.00	59.000	0	00:31:00
231	1.35	0.00	0.00	48.000	0	00:47:00
232	1.35	0.00	0.00	57.000	0	00:34:00
233	1.35	0.00	0.07	62.000	0	00:31:00
234	1.35	0.74	14.22	93.000	0	00:19:00
235	1.35	0.52	10.48	89.000	0	00:26:00
236	1.35	0.88	16.18	95.000	0	00:32:00
237	1.35	0.88	17.88	95.000	0	00:17:00
238	1.35	0.88	12.81	95.000	0	00:28:00
239	1.35	0.88	7.07	95.000	0	00:29:00
240	1.35	0.88	14.45	95.000	0	00:38:00
241	1.35	0.00	0.00	57.000	0	00:27:00
242	1.35	0.40	3.94	86.000	0	00:31:00
243	1.35	0.00	0.00	57.000	0	00:28:00
244	1.35	0.00	0.00	57.000	0	00:31:00
245	1.35	0.88	24.91	95.000	0	00:33:00
246	1.35	0.88	16.13	95.000	0	00:38:00
247	1.35	0.80	8.18	94.000	0	00:23:00
248	1.35	0.88	9.38	95.000	0	00:33:00
249	1.35	0.88	2.82	95.000	0	00:27:00
250	1.35	0.88	7.81	95.000	0	00:27:00
251	1.35	0.88	45.00	95.000	0	00:32:00
252	1.35	0.57	21.44	90.000	0	00:38:00
253	1.35	0.47	12.92	88.000	0	00:18:00
254	1.35	0.88	9.62	95.000	0	00:33:00
255	1.35	0.52	2.43	89.000	0	00:38:00
256	1.35	0.88	8.95	95.000	0	00:42:00
257	1.35	0.88	3.60	95.000	0	00:14:00
258	1.35	0.88	8.36	95.000	0	00:28:00
259	1.35	0.88	8.47	95.000	0	01:05:00
260	1.35	0.80	24.55	94.000	0	00:43:00
261	1.35	0.88	18.22	95.000	0	00:40:00
262	1.35	0.88	20.08	95.000	0	00:37:00
263	1.35	0.47	2.11	88.000	0	00:34:00
264	1.35	0.68	3.86	92.000	0	00:19:00
265	1.35	0.68	4.44	92.000	0	00:28:00

****
Node Depth Summary
****

Node ID	Average Depth	Maximum Depth	Maximum HGL	Time of Max Occurrence	Total Flooded	Total Retention Time

Time	Attained	Attained	Attained			Volume	Flooded
	ft	ft	ft	days	hh:mm	acre-in	minutes
hh:mm:ss							
J1015	0.01	0.17	4478.36	0	01:45	0	0
0:00:00							
J1043	0.00	0.00	4538.50	0	00:00	0	0
0:00:00							
J1047	8.00	8.00	4548.59	0	00:00	0	0
0:00:00							
J1056	0.00	0.00	4535.57	0	00:00	0	0
0:00:00							
J1057	8.00	8.00	4490.90	0	00:00	0	0
0:00:00							
J1111	0.03	0.22	4546.69	0	03:24	0	0
0:00:00							
J1128	0.03	0.22	4553.18	0	03:23	0	0
0:00:00							
J1134	0.38	0.92	4513.84	0	01:42	0	0
0:00:00							
J1172	0.01	0.17	4465.16	0	01:46	0	0
0:00:00							
J1217	1.19	1.80	4426.39	0	02:22	0	0
0:00:00							
J1221	1.31	2.03	4423.74	0	02:14	0	0
0:00:00							
J1267	0.29	0.67	4586.64	0	01:30	0	0
0:00:00							
J1300	0.00	0.00	4463.20	0	00:00	0	0
0:00:00							
J1344	0.54	1.35	4460.66	0	01:14	0	0
0:00:00							
J1418	0.00	0.00	4417.52	0	00:00	0	0
0:00:00							
J1425	0.02	0.09	4461.34	0	03:26	0	0
0:00:00							
J1428	0.22	0.74	4445.10	0	00:55	0	0
0:00:00							
J1447	0.36	1.04	4464.39	0	01:12	0	0
0:00:00							
J1447·2	0.53	1.36	4476.95	0	01:47	0	0
0:00:00							
j1477	0.19	0.66	4409.79	0	00:50	0	0
0:00:00							
j1480	0.66	1.93	4406.04	0	01:08	0	0
0:00:00							

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  j1481              0.66      1.93   4406.08      0  01:08         0         0
0:00:00
  J1567              0.28      1.00   4416.39      0  01:05         0         0
0:00:00
  J1568              0.26      0.88   4415.00      0  01:05         0         0
0:00:00
  J1582              0.27      0.92   4407.35      0  00:58         0         0
0:00:00
  J16400             0.64      7.00   4419.21      0  01:00      0.03         7
0:00:00
  J1666              0.04      0.17   4560.46      0  03:25         0         0
0:00:00
  J1690              0.26      0.62   4616.08      0  01:35         0         0
0:00:00
  J1714              0.17      0.39   4589.22      0  01:36         0         0
0:00:00
  J1787              0.26      0.58   4511.89      0  01:45         0         0
0:00:00
  j1797              0.22      0.69   4434.23      0  01:08         0         0
0:00:00
  j1798              0.19      0.60   4426.77      0  01:14         0         0
0:00:00
  J1799              8.00      8.00   4469.99      0  00:00         0         0
0:00:00
  J1920              0.21      0.65   4650.89      0  01:15         0         0
0:00:00
  J2149              0.33      1.16   4406.16      0  00:59         0         0
0:00:00
  J2175              0.98      2.25   4454.66      0  01:21         0         0
0:00:00
  J2180              0.88      1.96   4457.77      0  01:21         0         0
0:00:00
  J-2201             0.01      0.16   4463.55      0  01:51         0         0
0:00:00
  J2400              0.17      0.39   4609.19      0  01:35         0         0
0:00:00
  J2834              0.46      1.36   4434.53      0  01:10         0         0
0:00:00
  J2840              0.09      0.27   4461.11      0  01:11         0         0
0:00:00
  J2842              0.28      0.84   4453.79      0  01:10         0         0
0:00:00
  J2930              0.88      1.96   4462.70      0  01:21         0         0
0:00:00
  J3000              0.27      0.99   4424.81      0  00:46         0         0
0:00:00
  J3254              0.20      0.68   4420.18      0  01:08         0         0
0:00:00
  J3279              0.26      0.58   4512.04      0  01:45         0         0
0:00:00
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J3406	0.20	0.47	4481.31	0	01:47	0	0	0:00:00
J3580	1.00	2.25	4451.61	0	01:22	0	0	0:00:00
J3583	0.71	1.48	4447.34	0	01:22	0	0	0:00:00
J3609	0.02	0.08	4469.12	0	03:25	0	0	0:00:00
J3662	8.38	8.93	4685.85	0	01:31	0	0	0:00:00
J3678	0.20	0.61	4644.33	0	01:16	0	0	0:00:00
J3680	0.20	0.61	4643.41	0	01:16	0	0	0:00:00
J3681	8.38	8.93	4648.16	0	01:34	0	0	0:00:00
J3690	0.59	1.48	4626.21	0	01:35	0	0	0:00:00
J3692	0.59	1.47	4624.09	0	01:35	0	0	0:00:00
J3693	0.59	1.47	4620.58	0	01:35	0	0	0:00:00
J3697	0.75	1.99	4615.69	0	01:35	0	0	0:00:00
J3711	0.07	0.18	4596.01	0	01:55	0	0	0:00:00
J3745	0.16	0.32	4478.68	0	01:48	0	0	0:00:00
J3746	0.74	1.65	4479.77	0	01:19	0	0	0:00:00
J3761	0.89	1.98	4472.07	0	01:20	0	0	0:00:00
J4092	0.00	0.00	4550.00	0	00:00	0	0	0:00:00
J4095	0.00	0.00	4549.11	0	00:00	0	0	0:00:00
J4096	0.00	0.00	4540.43	0	00:00	0	0	0:00:00
J4098	0.00	0.00	4530.03	0	00:00	0	0	0:00:00
J4100	0.00	0.00	4517.12	0	00:00	0	0	0:00:00
J4103	0.00	0.00	4505.55	0	00:00	0	0	0:00:00
J4107	0.00	0.00	4479.25	0	00:00	0	0	0:00:00
J43	0.45	1.07	4402.89	0	01:28	0	0	0:00:00
j44	4.22	7.00	4408.63	0	00:19	14.45	215	0:00:00

J4430	0.08	0.23	4399.82	0	01:00	0	0	0:00:00
J4481	0.04	0.19	4561.90	0	03:26	0	0	0:00:00
J4506	0.09	0.27	4536.94	0	03:39	0	0	0:00:00
J4547	0.26	0.63	4616.17	0	01:35	0	0	0:00:00
J4548	0.00	0.00	4615.54	0	00:00	0	0	0:00:00
J-4801	0.00	0.05	4456.88	0	03:20	0	0	0:00:00
j49	0.41	0.97	4405.09	0	01:27	0	0	0:00:00
J-4901	7.46	8.43	4441.43	0	01:10	0	0	0:00:00
J5080	0.00	0.00	4521.35	0	00:00	0	0	0:00:00
J510	0.00	0.00	4549.21	0	00:00	0	0	0:00:00
J-5101	0.41	1.34	4489.34	0	01:16	0	0	0:00:00
J-5201	0.51	1.81	4405.98	0	01:21	0	0	0:00:00
J-5401	0.78	7.00	4499.00	0	01:05	0.31	24	0:00:00
J560	0.02	0.12	4425.28	0	02:04	0	0	0:00:00
J-5701	0.00	0.00	4480.65	0	00:00	0	0	0:00:00
J571	0.45	1.56	4411.87	0	00:49	0	0	0:00:00
J572	0.45	1.55	4410.97	0	00:49	0	0	0:00:00
J-5801	0.30	0.67	4474.31	0	02:16	0	0	0:00:00
J-6201	0.00	0.00	4532.21	0	00:00	0	0	0:00:00
J625	0.00	0.00	4532.04	0	00:00	0	0	0:00:00
J639	1.36	7.00	4418.04	0	00:37	6.31	52	0:00:00
j66	0.66	1.93	4406.74	0	01:06	0	0	0:00:00
J-6601	0.72	1.76	4514.50	0	01:53	0	0	0:00:00
J-6701	0.72	1.76	4514.32	0	01:54	0	0	0:00:00
J-6801	0.47	0.97	4460.47	0	01:46	0	0	0:00:00

j698	0.66	1.93	4406.58	0	01:06	0	0	0:00:00
j702	0.66	1.93	4406.34	0	01:07	0	0	0:00:00
j703	0.33	1.16	4405.99	0	01:01	0	0	0:00:00
j711	0.25	0.61	4404.68	0	01:27	0	0	0:00:00
j712	0.25	0.61	4399.51	0	01:28	0	0	0:00:00
J712·1	0.00	0.05	4457.04	0	03:20	0	0	0:00:00
j715	0.50	1.41	4395.41	0	00:56	0	0	0:00:00
j72	0.33	1.16	4405.58	0	01:03	0	0	0:00:00
J724	0.83	1.82	4464.63	0	01:20	0	0	0:00:00
J740	0.00	0.00	4449.42	0	00:00	0	0	0:00:00
J-7401	0.00	0.00	4476.05	0	00:00	0	0	0:00:00
j76	0.22	0.56	4398.56	0	01:29	0	0	0:00:00
J-7601	0.32	0.99	4481.99	0	01:10	0	0	0:00:00
J764	0.01	0.04	4454.85	0	03:36	0	0	0:00:00
j79	0.00	0.00	4400.35	0	00:00	0	0	0:00:00
j80	0.28	0.91	4408.71	0	00:53	0	0	0:00:00
j81	0.20	0.56	4410.05	0	00:53	0	0	0:00:00
J813	0.49	1.50	4428.26	0	00:41	0	0	0:00:00
j82	0.28	0.91	4407.26	0	00:53	0	0	0:00:00
J-8301	0.39	1.17	4478.17	0	01:10	0	0	0:00:00
j85	0.58	1.53	4398.53	0	00:53	0	0	0:00:00
J864	0.75	7.00	4420.33	0	00:43	0.20	20	0:00:00
j87	0.38	1.15	4403.41	0	00:52	0	0	0:00:00
j92	0.30	0.90	4399.56	0	00:55	0	0	0:00:00
j95	0.34	1.02	4397.73	0	00:54	0	0	0:00:00

j96	0.50	1.41	4396.26	0	00:56	0	0	0:00:00
j97	0.27	0.71	4396.35	0	00:56	0	0	0:00:00
Jun-01·4	0.00	0.00	4465.98	0	00:00	0	0	0:00:00
Jun-02000	0.00	0.00	4461.82	0	00:00	0	0	0:00:00
Jun-04000	0.39	1.38	4435.03	0	01:04	0	0	0:00:00
Jun-050	0.94	7.00	4420.00	0	00:33	0.62	36	0:00:00
Jun-06000	0.01	0.04	4454.77	0	03:37	0	0	0:00:00
Jun-07000	0.32	1.16	4414.16	0	00:56	0	0	0:00:00
Jun-100	2.25	7.00	4418.00	0	00:23	0.61	107	0:00:00
Jun-1011	0.24	0.70	4461.68	0	01:10	0	0	0:00:00
Jun-1012	8.00	8.00	4471.00	0	00:00	0	0	0:00:00
Jun-1015	0.00	0.00	4534.84	0	00:00	0	0	0:00:00
Jun-1016	0.38	0.92	4513.74	0	01:42	0	0	0:00:00
Jun-1017	0.00	0.00	4461.00	0	00:00	0	0	0:00:00
Jun-102	0.03	0.22	4553.83	0	03:20	0	0	0:00:00
Jun-103	0.04	0.19	4562.32	0	03:25	0	0	0:00:00
Jun-105	0.60	1.56	4418.86	0	01:13	0	0	0:00:00
Jun-108	0.01	0.09	4456.60	0	01:51	0	0	0:00:00
Jun-108·1	1.50	7.00	4438.47	0	01:17	0.29	17	0:00:00
Jun-109	0.00	0.00	4455.40	0	00:00	0	0	0:00:00
Jun-110	0.33	0.67	4410.67	0	00:24	0	0	0:00:00
Jun-111	0.00	0.00	4439.69	0	00:00	0	0	0:00:00
Jun-11-1	0.00	0.00	4531.00	0	00:00	0	0	0:00:00
Jun-112	0.00	0.00	4439.54	0	00:00	0	0	0:00:00
Jun-112·1	0.03	0.22	4546.57	0	03:25	0	0	0:00:00

Jun-116	0.39	0.96	4443.99	0	01:14	0	0
0:00:00							
Jun-118	0.11	0.41	4453.41	0	01:17	0	0
0:00:00							
Jun-118·1	0.29	0.67	4586.55	0	01:30	0	0
0:00:00							
Jun-119	0.67	1.61	4421.61	0	01:14	0	0
0:00:00							
Jun-119·2	0.23	0.53	4579.53	0	01:31	0	0
0:00:00							
Jun-1200	0.00	0.00	4531.93	0	00:00	0	0
0:00:00							
Jun-122	0.25	0.87	4435.87	0	01:06	0	0
0:00:00							
Jun-122·5	0.08	0.20	4499.42	0	01:27	0	0
0:00:00							
Jun-123	0.25	0.87	4433.87	0	01:07	0	0
0:00:00							
Jun-123·2	0.00	0.00	4494.00	0	00:00	0	0
0:00:00							
Jun-123·4	0.34	0.80	4604.70	0	01:35	0	0
0:00:00							
Jun-124	0.22	0.71	4437.71	0	01:06	0	0
0:00:00							
Jun-124·2	0.00	0.00	4493.65	0	00:00	0	0
0:00:00							
Jun-124·4	0.35	0.80	4582.89	0	01:35	0	0
0:00:00							
Jun-125	1.78	7.00	4419.40	0	00:24	3.35	84
0:00:00							
Jun-125·1	6.23	6.68	4561.01	0	01:35	0	0
0:00:00							
Jun-126	6.75	7.80	4556.50	0	01:35	0	0
0:00:00							
Jun-127	17.91	18.96	4555.58	0	01:36	0	0
0:00:00							
Jun-129	0.00	0.00	4512.86	0	00:00	0	0
0:00:00							
Jun-130·5	0.00	0.00	4508.57	0	00:00	0	0
0:00:00							
Jun-1300	0.11	0.35	4535.99	0	03:40	0	0
0:00:00							
Jun-133	0.69	1.19	4491.19	0	01:12	0	0
0:00:00							
Jun-134	100.37	101.09	4480.59	0	01:12	0	0
0:00:00							
Jun-135	0.37	1.09	4480.39	0	01:12	0	0
0:00:00							
Jun-135·5	0.00	0.00	4515.82	0	00:00	0	0
0:00:00							

Jun-136	0.39	1.19	4492.78	0	01:10	0	0
0:00:00							
Jun-136·5	0.07	0.20	4507.87	0	01:26	0	0
0:00:00							
Jun-137	0.00	0.00	4534.78	0	00:00	0	0
0:00:00							
Jun-138	0.30	0.90	4435.02	0	01:14	0	0
0:00:00							
Jun-138·1	0.11	0.39	4495.20	0	01:06	0	0
0:00:00							
Jun-139	0.25	0.72	4467.72	0	01:14	0	0
0:00:00							
Jun-139·5	0.18	0.48	4495.15	0	01:19	0	0
0:00:00							
Jun-14·4	0.11	0.35	4533.78	0	03:42	0	0
0:00:00							
Jun-140	0.19	0.55	4447.55	0	01:14	0	0
0:00:00							
Jun-140·5	0.11	0.39	4495.78	0	01:05	0	0
0:00:00							
Jun-1400	0.33	1.02	4507.02	0	01:15	0	0
0:00:00							
Jun-141	0.30	0.90	4436.09	0	01:13	0	0
0:00:00							
Jun-141·1	0.18	0.48	4494.52	0	01:21	0	0
0:00:00							
Jun-142	0.30	0.90	4438.88	0	01:08	0	0
0:00:00							
Jun-142·1	0.00	0.00	4494.86	0	00:00	0	0
0:00:00							
Jun-149	0.28	0.77	4411.77	0	01:27	0	0
0:00:00							
Jun-149·1	0.59	1.48	4627.44	0	01:35	0	0
0:00:00							
Jun-150	0.27	0.80	4411.80	0	00:52	0	0
0:00:00							
Jun-150·1	0.26	0.55	4504.73	0	01:54	0	0
0:00:00							
Jun-151	0.21	0.77	4407.77	0	00:50	0	0
0:00:00							
Jun-151·1	0.27	0.57	4504.33	0	01:55	0	0
0:00:00							
Jun-152	0.47	1.24	4679.24	0	01:30	0	0
0:00:00							
Jun-153	0.40	0.99	4646.85	0	01:34	0	0
0:00:00							
Jun-154	0.29	0.85	4480.05	0	01:12	0	0
0:00:00							
Jun-155	0.27	0.63	4551.63	0	01:41	0	0
0:00:00							

Jun-161	0.00	0.00	4471.36	0	00:00	0	0	0:00:00
Jun-162	0.39	0.93	4563.43	0	01:38	0	0	0:00:00
Jun-162·5	0.08	0.21	4521.50	0	01:36	0	0	0:00:00
Jun-163	0.49	1.56	4427.80	0	00:56	0	0	0:00:00
Jun-163·5	0.13	0.32	4515.98	0	01:36	0	0	0:00:00
Jun-164	0.49	1.59	4427.00	0	00:57	0	0	0:00:00
Jun-165	0.11	0.55	4430.35	0	01:01	0	0	0:00:00
Jun-169	0.25	0.70	4411.20	0	01:28	0	0	0:00:00
Jun-169·1	1.50	7.00	4437.42	0	01:18	0.19	17	0:00:00
Jun-170	0.00	0.00	4467.00	0	00:00	0	0	0:00:00
Jun-170·1	0.22	0.66	4596.23	0	01:00	0	0	0:00:00
Jun-171	0.00	0.00	4465.80	0	00:00	0	0	0:00:00
Jun-172	0.35	1.17	4594.17	0	01:00	0	0	0:00:00
Jun-173	0.25	0.44	4456.47	0	01:56	0	0	0:00:00
Jun-174·1	1.01	7.00	4607.00	0	01:29	0.31	16	0:00:00
Jun-175	13.47	13.99	4538.99	0	01:17	0	0	0:00:00
Jun-176	0.00	0.00	4463.23	0	00:00	0	0	0:00:00
Jun-179	0.96	1.42	4427.53	0	02:20	0	0	0:00:00
Jun-180	4.58	7.00	4432.83	0	02:09	3.19	232	0:00:00
Jun-183	0.11	0.25	4456.25	0	01:19	0	0	0:00:00
Jun-184	0.00	0.00	4475.00	0	00:00	0	0	0:00:00
Jun-186	1.70	2.74	4409.58	0	01:22	0	0	0:00:00
Jun-187	0.30	0.90	4436.82	0	01:12	0	0	0:00:00
Jun-188	0.28	1.00	4416.00	0	01:05	0	0	0:00:00
Jun-190	0.19	0.67	4413.24	0	00:35	0	0	0:00:00

Jun-190·1	0.00	0.08	4525.74	0	01:31	0	0	0:00:00
Jun-191	0.09	0.22	4521.22	0	01:35	0	0	0:00:00
Jun-192	0.20	0.47	4517.47	0	01:44	0	0	0:00:00
Jun-192·4	0.00	0.00	4455.63	0	00:00	0	0	0:00:00
Jun-195	3.13	3.39	4403.39	0	01:05	0	0	0:00:00
Jun-196	0.65	1.82	4400.82	0	01:13	0	0	0:00:00
Jun-198	0.13	0.40	4461.40	0	00:55	0	0	0:00:00
Jun-199·5	0.48	1.22	4643.22	0	01:31	0	0	0:00:00
Jun-200	0.99	7.00	4420.42	0	00:34	0.49	46	0:00:00
Jun-200·1	0.61	1.57	4641.07	0	01:32	0	0	0:00:00
Jun-201	0.07	0.18	4500.99	0	01:25	0	0	0:00:00
Jun-203·1	0.10	0.32	4580.32	0	03:31	0	0	0:00:00
Jun-204	0.36	1.18	4407.18	0	00:50	0	0	0:00:00
Jun-204·1	0.22	0.73	4433.73	0	00:59	0	0	0:00:00
Jun-204·4	0.72	1.56	4497.34	0	01:18	0	0	0:00:00
Jun-205·1	1.02	1.08	4469.58	0	03:20	0	0	0:00:00
Jun-205·4	0.08	0.20	4496.20	0	01:29	0	0	0:00:00
Jun-206·1	0.72	1.76	4518.87	0	01:49	0	0	0:00:00
Jun-209	0.33	1.16	4406.16	0	01:01	0	0	0:00:00
Jun-209·1	0.70	1.75	4507.00	0	02:02	0	0	0:00:00
Jun-211·1	0.77	1.74	4592.96	0	01:17	0	0	0:00:00
Jun-212	0.42	0.63	4397.79	0	03:56	0	0	0:00:00
Jun-212-1	1.30	3.10	4431.67	0	01:36	0	0	0:00:00
Jun-213	1.30	2.82	4430.21	0	01:36	0	0	0:00:00
Jun-216	0.72	1.77	4537.98	0	01:36	0	0	0:00:00

Jun-217	7.33	7.73	4542.95	0	01:37	0	0	0:00:00
Jun-218	0.73	1.77	4526.77	0	01:40	0	0	0:00:00
Jun-219	0.00	0.00	4473.79	0	00:00	0	0	0:00:00
Jun-220	0.49	1.57	4429.19	0	00:55	0	0	0:00:00
Jun-221	0.25	0.87	4441.64	0	00:56	0	0	0:00:00
Jun-222	1.63	7.00	4599.87	0	01:16	7.58	52	0:00:00
Jun-223	1.03	2.50	4594.50	0	01:18	0	0	0:00:00
Jun-224	0.72	1.56	4507.08	0	01:18	0	0	0:00:00
Jun-225	0.89	1.97	4464.97	0	01:20	0	0	0:00:00
Jun-226	1.50	7.00	4438.82	0	01:16	0.82	17	0:00:00
Jun-227	1.46	7.00	4436.57	0	01:19	0.12	14	0:00:00
Jun-229	0.78	2.43	4415.50	0	00:55	0	0	0:00:00
Jun-229·1	0.27	0.62	4577.62	0	01:43	0	0	0:00:00
Jun-230	0.13	0.35	4454.32	0	00:56	0	0	0:00:00
Jun-230·1	0.14	0.40	4451.40	0	01:10	0	0	0:00:00
Jun-230·4	0.71	1.75	4511.86	0	01:56	0	0	0:00:00
Jun-231	0.06	0.19	4547.00	0	03:38	0	0	0:00:00
Jun-232	0.06	0.18	4543.09	0	03:38	0	0	0:00:00
Jun-235	0.21	0.66	4431.66	0	00:59	0	0	0:00:00
Jun-236	0.00	0.00	4497.00	0	00:00	0	0	0:00:00
Jun-242	0.19	0.58	4405.58	0	00:52	0	0	0:00:00
Jun-243	0.36	1.04	4464.04	0	01:12	0	0	0:00:00
Jun-244	5.16	5.45	4465.45	0	01:13	0	0	0:00:00
Jun-246	0.37	1.08	4454.02	0	01:10	0	0	0:00:00
Jun-247	0.41	1.25	4439.72	0	01:12	0	0	0:00:00

Jun-247·1	0.00	0.00	4474.66	0	00:00	0	0	0:00:00
Jun-248	0.08	0.23	4450.19	0	01:14	0	0	0:00:00
Jun-249	0.29	0.90	4441.90	0	01:05	0	0	0:00:00
Jun-252	0.49	1.62	4409.62	0	01:48	0	0	0:00:00
Jun-253	0.26	0.76	4412.75	0	01:00	0	0	0:00:00
Jun-254	0.00	0.00	4457.00	0	00:00	0	0	0:00:00
Jun-256	0.46	1.34	4409.54	0	01:11	0	0	0:00:00
Jun-257	0.26	0.63	4583.63	0	01:35	0	0	0:00:00
Jun-270-1	8.00	8.00	4488.41	0	00:00	0	0	0:00:00
Jun-276	6.50	7.00	4416.00	0	00:26	0	0	0:00:00
Jun-277	0.14	0.40	4452.40	0	01:10	0	0	0:00:00
Jun-280	0.18	0.52	4401.52	0	01:19	0	0	0:00:00
Jun-280·1	0.19	0.60	4445.60	0	01:05	0	0	0:00:00
Jun-281	1.93	7.00	4408.00	0	01:19	9.31	88	0:00:00
Jun-283	0.09	0.18	4465.18	0	02:13	0	0	0:00:00
Jun-283·1	0.25	0.69	4493.69	0	01:10	0	0	0:00:00
Jun-284	0.18	0.56	4502.56	0	01:05	0	0	0:00:00
Jun-286	0.22	0.71	4442.71	0	01:05	0	0	0:00:00
Jun-287	1.00	1.00	4405.00	0	00:00	0	0	0:00:00
Jun-288	0.39	1.17	4470.17	0	01:12	0	0	0:00:00
Jun-290	0.43	1.34	4400.34	0	00:55	0	0	0:00:00
Jun-29-1	0.64	1.50	4465.87	0	01:30	0	0	0:00:00
Jun-292	1.96	7.00	4416.66	0	01:07	0.39	26	0:00:00
Jun-295	0.19	0.55	4404.72	0	00:53	0	0	0:00:00
Jun-305	0.13	0.47	4415.47	0	00:51	0	0	0:00:00

Jun-35-1	7.32	7.73	4536.73	0	01:37	0	0	0:00:00
Jun-355	5.91	7.00	4383.92	0	00:56	0	0	0:00:00
Jun-358	0.21	0.77	4399.77	0	00:47	0	0	0:00:00
Jun-36-1	0.47	1.36	4409.36	0	01:11	0	0	0:00:00
Jun-366	0.17	0.55	4395.55	0	00:47	0	0	0:00:00
Jun-37-1	0.46	1.35	4409.25	0	01:12	0	0	0:00:00
Jun-373	0.49	1.59	4426.57	0	00:57	0	0	0:00:00
Jun-374	0.19	0.70	4400.70	0	00:45	0	0	0:00:00
Jun-376	0.22	0.83	4405.83	0	00:47	0	0	0:00:00
Jun-381	0.29	0.66	4412.19	0	01:11	0	0	0:00:00
Jun-383	0.21	0.80	4400.80	0	00:45	0	0	0:00:00
Jun-384	0.18	0.52	4402.18	0	00:54	0	0	0:00:00
Jun-390	0.16	0.33	4426.31	0	01:45	0	0	0:00:00
Jun-390·1	0.47	1.00	4444.89	0	01:19	0	0	0:00:00
Jun-391	0.15	0.53	4415.48	0	01:01	0	0	0:00:00
Jun-392	2.04	7.00	4442.91	0	01:03	2.22	89	0:00:00
Jun-400	2.30	7.00	4419.00	0	00:21	3.16	113	0:00:00
Jun-400·1	0.46	1.36	4434.86	0	01:10	0	0	0:00:00
Jun-403	0.21	0.56	4400.56	0	00:53	0	0	0:00:00
Jun-404	0.00	0.00	4425.28	0	00:00	0	0	0:00:00
Jun-409	0.00	0.00	4451.90	0	00:00	0	0	0:00:00
Jun-410	3.65	7.00	4418.50	0	00:20	6.05	188	0:00:00
Jun-410·1	0.08	0.42	4448.15	0	00:57	0	0	0:00:00
Jun-414	0.17	0.46	4424.72	0	01:17	0	0	0:00:00
Jun-424	0.50	1.40	4394.90	0	00:57	0	0	0:00:00

Jun-427	0.29	0.99	4417.99	0	00:53	0	0	0:00:00
Jun-428	0.12	0.44	4416.94	0	01:00	0	0	0:00:00
Jun-429	0.17	0.60	4419.60	0	00:54	0	0	0:00:00
Jun-430	0.78	7.00	4419.00	0	00:35	0.32	28	0:00:00
Jun-431	0.19	0.60	4434.79	0	01:08	0	0	0:00:00
Jun-437	0.33	0.95	4453.95	0	01:14	0	0	0:00:00
Jun-440	0.31	0.91	4411.26	0	00:57	0	0	0:00:00
Jun-440·1	0.00	0.04	4456.06	0	03:25	0	0	0:00:00
Jun-441	0.35	1.10	4406.27	0	00:56	0	0	0:00:00
Jun-446	0.47	1.50	4404.50	0	01:48	0	0	0:00:00
Jun-447	0.47	1.36	4406.36	0	01:12	0	0	0:00:00
Jun-455	0.65	1.78	4432.75	0	01:23	0	0	0:00:00
Jun-456	7.84	12.43	4441.43	0	01:24	0	0	0:00:00
Jun-457	6.11	7.00	4432.00	0	00:46	0	0	0:00:00
Jun-460	0.17	0.33	4429.94	0	01:17	0	0	0:00:00
Jun-463	0.18	0.60	4440.60	0	01:05	0	0	0:00:00
Jun-468	0.32	1.04	4400.04	0	00:55	0	0	0:00:00
Jun-474	0.61	1.67	4395.67	0	00:55	0	0	0:00:00
Jun-476	1.29	2.04	4422.20	0	02:16	0	0	0:00:00
Jun-477	0.12	0.35	4403.38	0	01:19	0	0	0:00:00
Jun-478	0.11	0.25	4455.25	0	01:35	0	0	0:00:00
Jun-479	0.12	0.47	4417.47	0	00:53	0	0	0:00:00
Jun-480	4.25	7.00	4406.92	0	00:21	0.00	216	0:00:00
Jun-481	0.31	0.91	4411.31	0	00:55	0	0	0:00:00
Jun-482	0.61	1.68	4396.68	0	00:53	0	0	0:00:00

Jun-483	0.22	0.69	4431.69	0	01:12	0	0	0:00:00
Jun-487	0.56	1.27	4400.77	0	01:28	0	0	0:00:00
Jun-488	0.44	1.34	4398.34	0	00:55	0	0	0:00:00
Jun-489	0.22	0.69	4398.19	0	00:52	0	0	0:00:00
Jun-49·2	2.23	7.00	4482.46	0	02:00	0.38	110	0:00:00
Jun-494	0.11	0.36	4427.62	0	01:34	0	0	0:00:00
Jun-52·1	0.46	1.35	4462.35	0	01:14	0	0	0:00:00
Jun-53-1	0.66	7.00	4506.00	0	01:07	0.14	17	0:00:00
Jun-540	6.17	7.00	4440.04	0	00:41	0	0	0:00:00
Jun-576	0.09	0.34	4442.84	0	01:21	0	0	0:00:00
Jun-578	0.26	0.66	4444.13	0	01:15	0	0	0:00:00
Jun-581	0.02	0.12	4425.85	0	02:02	0	0	0:00:00
Jun-583	0.11	0.35	4430.94	0	01:32	0	0	0:00:00
Jun-600	0.23	0.79	4399.79	0	00:49	0	0	0:00:00
Jun-607	0.00	0.00	4443.00	0	00:00	0	0	0:00:00
Jun-608	0.00	0.00	4467.83	0	00:00	0	0	0:00:00
Jun-62·4	0.71	1.75	4511.63	0	01:57	0	0	0:00:00
Jun-634	0.00	0.00	4465.00	0	00:00	0	0	0:00:00
Jun-635	0.77	0.89	4461.39	0	01:11	0	0	0:00:00
Jun-636	0.25	0.52	4439.52	0	01:17	0	0	0:00:00
Jun-646	0.36	0.71	4454.33	0	01:29	0	0	0:00:00
Jun-661	0.22	0.43	4456.17	0	01:10	0	0	0:00:00
Jun-665	0.65	1.58	4504.92	0	02:03	0	0	0:00:00
Jun-682	7.37	8.00	4431.00	0	00:25	0	0	0:00:00
Jun-683	0.22	0.43	4455.93	0	01:11	0	0	0:00:00

Jun-687	0.93	7.00	4440.46	0	01:06	0.11	17
0:00:00							
Jun-688	0.10	0.34	4438.41	0	01:25	0	0
0:00:00							
Jun-689	0.36	1.23	4435.04	0	00:46	0	0
0:00:00							
Jun-690	0.25	0.65	4424.65	0	01:06	0	0
0:00:00							
Jun-691	1.40	2.21	4417.90	0	02:18	0	0
0:00:00							
Jun-692	1.33	2.07	4419.31	0	02:18	0	0
0:00:00							
Jun-694	1.92	7.00	4419.88	0	01:08	0.14	23
0:00:00							
Jun-695	0.00	0.00	4451.75	0	00:00	0	0
0:00:00							
Jun-70·2	0.01	0.17	4465.74	0	01:46	0	0
0:00:00							
Jun-7-1	0.72	1.76	4520.15	0	01:48	0	0
0:00:00							
Jun-85·2	0.02	0.22	4554.81	0	03:17	0	0
0:00:00							
Jun-85·4	0.71	1.75	4508.53	0	02:00	0	0
0:00:00							
Jun-88-1	0.42	1.18	4463.18	0	01:13	0	0
0:00:00							
Jun-89·2	0.03	0.22	4554.51	0	03:17	0	0
0:00:00							
Jun-91-1	0.74	1.65	4478.58	0	01:19	0	0
0:00:00							
Jun-94-1	0.73	1.76	4526.27	0	01:41	0	0
0:00:00							
Jun-95-1	0.26	0.58	4511.71	0	01:45	0	0
0:00:00							
Jun-957	0.03	0.22	4546.02	0	03:26	0	0
0:00:00							
Jun-96-1	0.03	0.20	4516.28	0	03:34	0	0
0:00:00							
Jun-97·4	0.72	1.76	4522.42	0	01:45	0	0
0:00:00							
Jun-97-1	0.03	0.20	4515.20	0	03:36	0	0
0:00:00							
Jun-979	0.39	0.93	4563.31	0	01:38	0	0
0:00:00							
Jun-987	0.00	0.00	4534.66	0	00:00	0	0
0:00:00							
Out-1-100	0.00	0.00	4569.21	0	00:00	0	0
0:00:00							
Out-1-102	0.00	0.00	0.00	0	00:00	0	0
0:00:00							

Out-1-104	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-1-105	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-14	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-16	0.01	0.03	0.03	0	03:10	0	0
0:00:00							
Out-18	0.02	0.06	0.06	0	00:53	0	0
0:00:00							
Out-19	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-20	0.86	1.13	4392.38	0	02:55	0	0
0:00:00							
Out-2-107	0.04	0.17	4560.17	0	03:29	0	0
0:00:00							
Out-2-110	0.00	0.00	4400.00	0	00:00	0	0
0:00:00							
Out-2-111	0.00	0.00	4533.20	0	00:00	0	0
0:00:00							
Out-2-112-1	0.00	0.00	4531.60	0	00:00	0	0
0:00:00							
Out-2-112-2	0.00	0.00	4400.00	0	00:00	0	0
0:00:00							
Out-2-114	0.00	0.00	4400.00	0	00:00	0	0
0:00:00							
Out-2-119	0.27	0.57	4501.78	0	02:00	0	0
0:00:00							
Out-4-162	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-165	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-166	0.02	0.04	0.04	0	01:30	0	0
0:00:00							
Out-4-168	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-169	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-170	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-171	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-173	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-179	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-180	0.04	0.15	0.15	0	00:55	0	0
0:00:00							
Out-4-181	0.00	0.00	0.00	0	00:00	0	0
0:00:00							

Out-4-183	0.06	0.18	0.18	0	01:05	0	0
0:00:00							
Out-4-184	0.02	0.05	0.05	0	01:05	0	0
0:00:00							
Out-4-186	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-187	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-189	0.05	0.13	0.13	0	01:20	0	0
0:00:00							
Out-4-196	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-4-198-2	0.04	0.35	4464.35	0	01:48	0	0
0:00:00							
Out-5-126	0.00	0.01	0.01	0	03:37	0	0
0:00:00							
Out-5-128	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-5-129	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-5-130	0.03	0.09	0.09	0	00:55	0	0
0:00:00							
Out-5-132	0.02	0.05	0.05	0	01:00	0	0
0:00:00							
Out-5-134	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-5-136	0.03	0.08	0.08	0	01:00	0	0
0:00:00							
Out-6-137	0.05	0.12	0.12	0	01:15	0	0
0:00:00							
Out-6-138	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-139	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-140	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-141	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-142	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-143	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-144	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-145	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-146	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-6-147	0.00	0.00	0.00	0	00:00	0	0
0:00:00							

Out-6-155	0.19	0.64	4453.81	0	00:56	0	0
0:00:00							
Out-6-157	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-214	0.02	0.06	0.06	0	01:05	0	0
0:00:00							
Out-8-215	0.01	0.05	0.05	0	01:12	0	0
0:00:00							
Out-8-216	0.02	0.07	0.07	0	01:00	0	0
0:00:00							
Out-8-217	0.01	0.04	0.04	0	01:55	0	0
0:00:00							
Out-8-218	0.01	0.03	0.03	0	01:15	0	0
0:00:00							
Out-8-220	0.00	0.02	0.02	0	03:10	0	0
0:00:00							
Out-8-221	0.01	0.02	0.02	0	03:10	0	0
0:00:00							
Out-8-222	0.02	0.04	0.04	0	01:10	0	0
0:00:00							
Out-8-224	0.02	0.06	0.06	0	00:55	0	0
0:00:00							
Out-8-224-1	0.02	0.06	0.06	0	00:55	0	0
0:00:00							
Out-8-225	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-226	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-227	0.03	0.10	0.10	0	01:00	0	0
0:00:00							
Out-8-228	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-229	0.03	0.06	0.06	0	01:20	0	0
0:00:00							
Out-8-235	0.03	0.10	0.10	0	00:55	0	0
0:00:00							
Out-8-236	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-237	0.05	0.18	0.18	0	00:40	0	0
0:00:00							
Out-8-245	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-250	0.07	0.24	0.24	0	00:50	0	0
0:00:00							
Out-8-254	0.04	0.11	0.11	0	00:55	0	0
0:00:00							
Out-8-256	0.08	0.24	0.24	0	01:21	0	0
0:00:00							
Out-8-258	0.00	0.00	0.00	0	00:00	0	0
0:00:00							

Out-8-259	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-8-259-1	0.09	0.27	0.27	0	00:56	0	0
0:00:00							
Out-8-260	0.08	0.23	0.23	0	01:00	0	0
0:00:00							
Diversion-2-107	0.10	0.32	4581.32	0	02:44	0	0
0:00:00							
Diversion-2-109	0.00	0.00	4534.97	0	00:00	0	0
0:00:00							
Diversion-2-117	0.55	1.50	4481.12	0	01:34	0	0
0:00:00							
Diversion-2-118-1	8.03	8.35	4473.35	0	01:48	0	0
0:00:00							
Diversion-2-118-2	0.24	0.70	4497.70	0	01:10	0	0
0:00:00							
Diversion-2-119	0.00	0.00	4488.21	0	00:00	0	0
0:00:00							
Diversion-2-119-2	0.20	0.44	4476.60	0	03:15	0	0
0:00:00							
Diversion-3-120	0.52	1.28	4682.28	0	01:30	0	0
0:00:00							
Diversion-4-165	0.08	0.20	4518.20	0	01:30	0	0
0:00:00							
Diversion-4-166	0.02	0.04	4500.04	0	01:30	0	0
0:00:00							
Diversion-4-180	0.32	1.17	4414.17	0	00:55	0	0
0:00:00							
Diversion-4-183	0.13	0.41	4420.41	0	01:05	0	0
0:00:00							
Diversion-4-184	0.17	0.61	4443.61	0	01:05	0	0
0:00:00							
Diversion-4-189	0.19	0.52	4492.52	0	01:20	0	0
0:00:00							
Diversion-4-196	0.00	0.00	4435.00	0	00:00	0	0
0:00:00							
Diversion-5-122	0.00	0.00	4650.00	0	00:00	0	0
0:00:00							
Diversion-5-122-1	8.00	8.00	4568.00	0	00:00	0	0
0:00:00							
Diversion-5-124	0.08	0.17	4650.17	0	01:45	0	0
0:00:00							
Diversion-5-125	0.00	0.00	4520.00	0	00:00	0	0
0:00:00							
Diversion-5-126	0.00	0.00	4480.48	0	00:00	0	0
0:00:00							
Diversion-5-127	0.00	0.00	4600.00	0	00:00	0	0
0:00:00							
Diversion-5-130	0.23	0.87	4443.66	0	00:55	0	0
0:00:00							

Diversion-5-132	0.11	0.37	4437.96	0	01:00	0	0	0:00:00
Diversion-5-132-1	0.25	0.81	4432.81	0	01:00	0	0	0:00:00
Diversion-5-132-2	0.19	0.57	4430.73	0	01:00	0	0	0:00:00
Diversion-6-137	0.21	0.65	4660.65	0	01:15	0	0	0:00:00
Diversion-6-141	0.10	0.18	4650.18	0	02:25	0	0	0:00:00
Diversion-6-148	0.13	0.31	4650.31	0	01:25	0	0	0:00:00
Diversion-6-149	0.12	0.23	4650.23	0	01:50	0	0	0:00:00
Diversion-6-150-1	0.07	0.18	4570.18	0	01:24	0	0	0:00:00
Diversion-6-150-2	0.00	0.05	4560.05	0	01:30	0	0	0:00:00
Diversion-6-151	0.07	0.18	4503.18	0	01:25	0	0	0:00:00
Diversion-6-152	0.07	0.17	4560.17	0	01:16	0	0	0:00:00
Diversion-6-153	0.18	0.59	4500.59	0	01:05	0	0	0:00:00
Diversion-6-155	0.19	0.64	4500.64	0	00:55	0	0	0:00:00
Diversion-7-200-1	0.00	0.00	4407.00	0	00:00	0	0	0:00:00
Diversion-7-200-2	0.00	0.00	4406.00	0	00:00	0	0	0:00:00
Diversion-7-202-1	0.22	0.83	4406.83	0	00:45	0	0	0:00:00
Diversion-7-202-2	0.31	1.13	4406.13	0	00:45	0	0	0:00:00
Diversion-7-202-3	0.31	1.13	4405.13	0	00:46	0	0	0:00:00
Diversion-7-203-1	1.02	7.00	4422.00	0	00:49	1.23	37	0:00:00
Diversion-7-203-2	0.45	1.50	4413.50	0	00:53	0	0	0:00:00
Diversion-7-203-3	0.31	0.80	4406.80	0	01:24	0	0	0:00:00
Diversion-7-203-4	0.31	0.79	4405.79	0	00:53	0	0	0:00:00
Diversion-7-204-1	0.19	0.66	4413.66	0	00:50	0	0	0:00:00
Diversion-7-204-2	1.33	7.00	4418.50	0	00:30	3.12	56	0:00:00
Diversion-7-204-3	0.49	1.50	4412.80	0	00:33	0	0	0:00:00

Diversion-7-205-1	0.29	1.08	4422.08	0	00:50	0	0	0:00:00
Diversion-7-205-2	0.30	1.13	4420.13	0	00:51	0	0	0:00:00
Diversion-7-205-3	0.31	1.13	4419.13	0	00:52	0	0	0:00:00
Diversion-7-206-1	0.15	0.40	4432.40	0	01:15	0	0	0:00:00
Diversion-7-206-2	0.17	0.40	4431.40	0	01:15	0	0	0:00:00
Diversion-7-207-1	0.26	0.82	4453.82	0	01:05	0	0	0:00:00
Diversion-7-207-2	0.16	0.48	4454.48	0	01:05	0	0	0:00:00
Diversion-7-209-1	0.15	0.57	4405.57	0	00:40	0	0	0:00:00
Diversion-7-209-2	0.40	7.00	4411.00	0	00:39	0.01	6	0:00:00
Diversion-7-209-3	0.61	7.00	4408.00	0	00:35	0.13	18	0:00:00
Diversion-7-209-4	0.33	1.50	4401.50	0	00:45	0	0	0:00:00
Diversion-7-210-1	0.00	0.00	4416.00	0	00:00	0	0	0:00:00
Diversion-7-210-2	0.21	0.78	4415.78	0	00:45	0	0	0:00:00
Diversion-7-210-3	0.67	7.00	4421.00	0	00:37	0.15	21	0:00:00
Diversion-7-212-1	0.01	0.03	4435.03	0	03:10	0	0	0:00:00
Diversion-7-213-1	0.06	0.23	4441.23	0	03:15	0	0	0:00:00
Diversion-7-213-2	0.07	0.22	4441.22	0	03:21	0	0	0:00:00
Diversion-7-213-3	0.07	0.22	4439.22	0	03:23	0	0	0:00:00
Diversion-7-213-4	0.07	0.22	4438.22	0	03:28	0	0	0:00:00
Diversion-7-213-5	0.07	0.22	4438.12	0	03:30	0	0	0:00:00
Diversion-8-214	0.16	0.60	4444.60	0	01:05	0	0	0:00:00
Diversion-8-215	0.16	0.48	4458.48	0	01:10	0	0	0:00:00
Diversion-8-215-1	0.14	0.48	4457.48	0	01:12	0	0	0:00:00
Diversion-8-216	0.10	0.41	4457.41	0	01:00	0	0	0:00:00
Diversion-8-217	0.26	0.44	4457.44	0	01:55	0	0	0:00:00

Diversion-8-218	0.10	0.41	4454.41	0	01:15	0	0	0:00:00
Diversion-8-220-1	0.00	0.02	4452.02	0	03:10	0	0	0:00:00
Diversion-8-220-2	0.00	0.00	4451.00	0	00:00	0	0	0:00:00
Diversion-8-220-3	0.01	0.10	4449.10	0	01:54	0	0	0:00:00
Diversion-8-221	0.01	0.02	4445.02	0	03:10	0	0	0:00:00
Diversion-8-222	0.20	0.67	4445.67	0	01:10	0	0	0:00:00
Diversion-8-223	0.13	0.33	4455.33	0	00:55	0	0	0:00:00
Diversion-8-224	0.08	0.42	4450.42	0	00:55	0	0	0:00:00
Diversion-8-227	0.31	1.05	4430.05	0	01:00	0	0	0:00:00
Diversion-8-227-2	0.32	1.05	4427.05	0	01:01	0	0	0:00:00
Diversion-8-228	0.00	0.00	4426.00	0	00:00	0	0	0:00:00
Diversion-8-229	0.09	0.35	4424.35	0	01:20	0	0	0:00:00
Diversion-8-234	0.31	1.23	4436.23	0	00:45	0	0	0:00:00
Diversion-8-235	0.57	7.00	4442.00	0	00:50	0.04	15	0:00:00
Diversion-8-237	0.20	0.72	4422.72	0	00:40	0	0	0:00:00
Diversion-8-242	0.23	0.65	4424.65	0	01:05	0	0	0:00:00
Diversion-8-242-2	0.11	0.36	4427.36	0	01:35	0	0	0:00:00
Diversion-8-246	3.85	7.00	4437.00	0	00:21	6.04	197	0:00:00
Diversion-8-250	0.26	0.91	4419.91	0	00:50	0	0	0:00:00
Diversion-8-254	0.29	1.07	4416.07	0	00:55	0	0	0:00:00
Stor-04-159	0.00	0.00	4515.00	0	00:00	0	0	0:00:00
Stor-04-161	0.00	0.00	4478.00	0	00:00	0	0	0:00:00
Stor-04-193	1.38	1.79	4404.79	0	04:44	0	0	0:00:00
Stor-04-194	1.75	3.62	4412.62	0	01:48	0	0	0:00:00
Stor-06-150	0.00	0.00	4520.00	0	00:00	0	0	0:00:00

Stor-08-256	3.25	4.83	4414.83	0	01:10	0	0	0:00:00
Stor-08-265	5.44	7.03	4387.03	0	01:31	0	0	0:00:00
Stor-2-109	0.00	0.00	4538.97	0	00:00	0	0	0:00:00
Stor-5-135	4.16	5.66	4432.35	0	03:59	0	0	0:00:00
Stor-6-152	1.84	2.70	4515.18	0	06:00	0	0	0:00:00
Stor-6-153	0.00	0.00	4487.00	0	00:00	0	0	0:00:00
Stor-7-201	0.87	1.13	4394.13	0	02:55	0	0	0:00:00
Stor-8-238	3.01	3.82	4423.82	0	01:20	0	0	0:00:00
Stor-8-240	0.00	0.00	4410.00	0	00:00	0	0	0:00:00
Stor-8-253	1.88	2.37	4415.06	0	01:28	0	0	0:00:00
Stor-8-253-2	3.04	4.06	4417.06	0	01:06	0	0	0:00:00

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Node Flow Summary
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Node ID	Element Type	Maximum Lateral Inflow cfs	Peak Inflow cfs	Time of Peak Inflow Occurrence days	Time of Peak Inflow Occurrence hh:mm	Maximum Flooding Overflow cfs	Time of Maximum Flooding Occurrence days	Time of Maximum Flooding Occurrence hh:mm
J1015	JUNCTION	0.00	0.14	0	01:45	0.00		
J1043	JUNCTION	0.00	0.00	0	00:00	0.00		
J1047	JUNCTION	0.00	0.00	0	00:00	0.00		
J1056	JUNCTION	0.00	0.00	0	00:00	0.00		
J1057	JUNCTION	0.00	0.00	0	00:00	0.00		
J1111	JUNCTION	0.00	0.23	0	03:24	0.00		
J1128	JUNCTION	0.00	0.23	0	03:23	0.00		
J1134	JUNCTION	0.00	3.51	0	01:42	0.00		

J1172	JUNCTION	0.00	0.13	0	01:48	0.00	
J1217	JUNCTION	0.00	13.25	0	02:22	0.00	
J1221	JUNCTION	0.00	29.22	0	02:14	0.00	
J1267	JUNCTION	0.00	3.56	0	01:30	0.00	
J1300	JUNCTION	0.00	0.00	0	00:00	0.00	
J1344	JUNCTION	0.00	26.65	0	01:13	0.00	
J1418	JUNCTION	0.00	0.00	0	00:00	0.00	
J1425	JUNCTION	0.00	0.04	0	03:26	0.00	
J1428	JUNCTION	0.00	4.27	0	00:55	0.00	
J1447	JUNCTION	0.00	7.76	0	01:12	0.00	
J1447·2	JUNCTION	0.00	7.19	0	01:47	0.00	
j1477	JUNCTION	0.00	4.68	0	00:50	0.00	
j1480	JUNCTION	0.00	32.34	0	01:08	0.00	
j1481	JUNCTION	0.00	32.34	0	01:08	0.00	
J1567	JUNCTION	5.36	5.36	0	01:05	0.00	
J1568	JUNCTION	0.00	5.35	0	01:05	0.00	
J1582	JUNCTION	0.00	4.71	0	00:58	0.00	
J16400	JUNCTION	0.00	22.31	0	01:03	0.79	0
01:03							
J1666	JUNCTION	0.00	0.20	0	03:25	0.00	
J1690	JUNCTION	0.00	2.55	0	01:35	0.00	
J1714	JUNCTION	1.40	3.56	0	01:30	0.00	
J1787	JUNCTION	0.00	1.57	0	01:45	0.00	
j1797	JUNCTION	0.00	3.43	0	01:08	0.00	
j1798	JUNCTION	0.00	3.40	0	01:14	0.00	
J1799	JUNCTION	0.00	0.00	0	00:00	0.00	
J1920	JUNCTION	0.00	4.27	0	01:15	0.00	
J2149	JUNCTION	0.00	4.71	0	00:59	0.00	
J2175	JUNCTION	0.00	53.33	0	01:21	0.00	
J2180	JUNCTION	0.00	53.31	0	01:21	0.00	
J-2201	JUNCTION	0.00	0.12	0	01:51	0.00	
J2400	JUNCTION	0.00	2.55	0	01:35	0.00	
J2834	JUNCTION	0.00	17.50	0	01:10	0.00	
J2840	JUNCTION	0.00	10.46	0	01:11	0.00	
J2842	JUNCTION	17.52	17.52	0	01:10	0.00	
J2930	JUNCTION	0.00	53.36	0	01:21	0.00	
J3000	JUNCTION	0.00	7.09	0	00:46	0.00	
J3254	JUNCTION	0.00	6.27	0	01:08	0.00	
J3279	JUNCTION	1.57	1.57	0	01:45	0.00	
J3406	JUNCTION	0.00	3.34	0	01:47	0.00	
J3580	JUNCTION	10.26	58.69	0	01:22	0.00	
J3583	JUNCTION	0.00	58.52	0	01:22	0.00	
J3609	JUNCTION	0.00	0.04	0	03:25	0.00	
J3662	JUNCTION	0.00	11.74	0	01:31	0.00	
J3678	JUNCTION	0.00	4.27	0	01:16	0.00	
J3680	JUNCTION	0.00	4.27	0	01:16	0.00	
J3681	JUNCTION	0.00	43.50	0	01:34	0.00	
J3690	JUNCTION	0.00	43.48	0	01:35	0.00	
J3692	JUNCTION	0.00	45.63	0	01:35	0.00	
J3693	JUNCTION	0.00	45.63	0	01:35	0.00	

J3697	JUNCTION	0.00	47.78	0	01:35	0.00	
J3711	JUNCTION	0.00	0.62	0	01:55	0.00	
J3745	JUNCTION	0.00	0.81	0	01:48	0.00	
J3746	JUNCTION	0.00	51.55	0	01:19	0.00	
J3761	JUNCTION	0.71	52.12	0	01:20	0.00	
J4092	JUNCTION	0.00	0.00	0	00:00	0.00	
J4095	JUNCTION	0.00	0.00	0	00:00	0.00	
J4096	JUNCTION	0.00	0.00	0	00:00	0.00	
J4098	JUNCTION	0.00	0.00	0	00:00	0.00	
J4100	JUNCTION	0.00	0.00	0	00:00	0.00	
J4103	JUNCTION	0.00	0.00	0	00:00	0.00	
J4107	JUNCTION	0.00	0.00	0	00:00	0.00	
J43	JUNCTION	0.00	5.46	0	01:28	0.00	
j44	JUNCTION	0.00	10.24	0	01:00	9.51	0
01:00							
J4430	JUNCTION	18.21	18.21	0	01:00	0.00	
J4481	JUNCTION	0.00	0.20	0	03:26	0.00	
J4506	JUNCTION	0.00	0.52	0	03:39	0.00	
J4547	JUNCTION	2.55	2.55	0	01:35	0.00	
J4548	JUNCTION	0.00	0.00	0	00:00	0.00	
J-4801	JUNCTION	0.00	0.01	0	03:20	0.00	
j49	JUNCTION	0.00	5.49	0	01:27	0.00	
J-4901	JUNCTION	11.44	19.14	0	01:10	0.00	
J5080	JUNCTION	0.00	0.00	0	00:00	0.00	
J510	JUNCTION	0.00	0.00	0	00:00	0.00	
J-5101	JUNCTION	0.00	11.61	0	01:16	0.00	
J-5201	JUNCTION	0.00	21.27	0	01:21	0.00	
J-5401	JUNCTION	0.00	12.27	0	01:23	1.19	0
01:24							
J560	JUNCTION	0.00	0.07	0	02:04	0.00	
J-5701	JUNCTION	0.00	0.00	0	00:00	0.00	
J571	JUNCTION	3.59	14.98	0	00:49	0.00	
J572	JUNCTION	0.00	14.95	0	00:49	0.00	
J-5801	JUNCTION	0.00	0.62	0	02:13	0.00	
J-6201	JUNCTION	0.00	0.00	0	00:00	0.00	
J625	JUNCTION	0.00	0.00	0	00:00	0.00	
J639	JUNCTION	7.06	28.20	0	00:58	11.87	0
00:58							
j66	JUNCTION	0.00	32.39	0	01:06	0.00	
J-6601	JUNCTION	0.00	16.36	0	01:53	0.00	
J-6701	JUNCTION	0.00	16.36	0	01:54	0.00	
J-6801	JUNCTION	2.27	4.16	0	01:46	0.00	
j698	JUNCTION	0.00	32.38	0	01:06	0.00	
j702	JUNCTION	0.00	32.36	0	01:07	0.00	
j703	JUNCTION	0.00	4.70	0	01:01	0.00	
j711	JUNCTION	0.00	3.08	0	01:27	0.00	
j712	JUNCTION	0.00	3.08	0	01:28	0.00	
J712·1	JUNCTION	0.01	0.01	0	03:20	0.00	
j715	JUNCTION	0.00	19.77	0	00:56	0.00	
j72	JUNCTION	0.00	4.70	0	01:03	0.00	

J724	JUNCTION	0.00	51.97	0	01:20	0.00	
J740	JUNCTION	0.00	0.00	0	00:00	0.00	
J-7401	JUNCTION	0.00	0.00	0	00:00	0.00	
j76	JUNCTION	0.00	48.67	0	01:30	0.00	
J-7601	JUNCTION	6.15	7.78	0	01:10	0.00	
J764	JUNCTION	0.00	0.01	0	03:36	0.00	
j79	JUNCTION	0.00	0.00	0	00:00	0.00	
j80	JUNCTION	0.00	7.36	0	00:53	0.00	
j81	JUNCTION	0.00	2.78	0	00:53	0.00	
J813	JUNCTION	0.00	9.29	0	01:31	0.00	
j82	JUNCTION	0.00	7.37	0	00:53	0.00	
J-8301	JUNCTION	0.00	13.08	0	01:10	0.00	
j85	JUNCTION	0.00	21.79	0	00:53	0.00	
J864	JUNCTION	0.00	11.71	0	00:51	0.96	0 00:52
j87	JUNCTION	0.00	13.14	0	00:52	0.00	
j92	JUNCTION	0.00	9.39	0	00:55	0.00	
j95	JUNCTION	0.00	13.66	0	00:54	0.00	
j96	JUNCTION	0.00	19.78	0	00:56	0.00	
j97	JUNCTION	0.00	6.14	0	00:56	0.00	
Jun-01·4	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-02000	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-04000	JUNCTION	0.00	12.12	0	00:55	0.00	
Jun-050	JUNCTION	0.00	6.55	0	00:45	1.56	0 00:46
Jun-06000	JUNCTION	0.00	0.01	0	03:37	0.00	
Jun-07000	JUNCTION	0.00	4.72	0	00:56	0.00	
Jun-100	JUNCTION	0.00	1.99	0	01:46	0.47	0 01:46
Jun-1011	JUNCTION	0.00	10.47	0	01:10	0.00	
Jun-1012	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-1015	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-1016	JUNCTION	0.00	3.51	0	01:42	0.00	
Jun-1017	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-102	JUNCTION	0.00	0.24	0	03:20	0.00	
Jun-103	JUNCTION	0.20	0.20	0	03:25	0.00	
Jun-105	JUNCTION	0.00	32.72	0	01:13	0.00	
Jun-108	JUNCTION	0.00	0.12	0	01:51	0.00	
Jun-108·1	JUNCTION	0.00	59.38	0	01:26	3.49	0 01:27
Jun-109	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-110	JUNCTION	0.00	1.62	0	02:00	0.00	
Jun-111	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-11-1	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-112	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-112·1	JUNCTION	0.00	0.23	0	03:25	0.00	
Jun-116	JUNCTION	0.00	26.65	0	01:14	0.00	
Jun-118	JUNCTION	0.00	0.81	0	01:17	0.00	
Jun-118·1	JUNCTION	0.00	3.55	0	01:30	0.00	
Jun-119	JUNCTION	0.00	26.65	0	01:14	0.00	

Jun-119·2	JUNCTION	0.00	3.55	0	01:31	0.00	
Jun-1200	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-122	JUNCTION	0.00	5.47	0	01:06	0.00	
Jun-122·5	JUNCTION	0.00	0.62	0	01:27	0.00	
Jun-123	JUNCTION	0.00	5.46	0	01:07	0.00	
Jun-123·2	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-123·4	JUNCTION	0.00	16.53	0	01:35	0.00	
Jun-124	JUNCTION	0.00	5.47	0	01:06	0.00	
Jun-124·2	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-124·4	JUNCTION	0.00	16.53	0	01:35	0.00	
Jun-125	JUNCTION	0.00	5.39	0	00:37	4.06	0
00:37							
Jun-125·1	JUNCTION	0.00	16.52	0	01:35	0.00	
Jun-126	JUNCTION	0.00	16.52	0	01:35	0.00	
Jun-127	JUNCTION	0.00	16.52	0	01:36	0.00	
Jun-129	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-130·5	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-1300	JUNCTION	0.00	0.52	0	03:40	0.00	
Jun-133	JUNCTION	0.00	8.21	0	01:12	0.00	
Jun-134	JUNCTION	0.00	8.21	0	01:12	0.00	
Jun-135	JUNCTION	0.00	8.21	0	01:12	0.00	
Jun-135·5	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-136	JUNCTION	8.24	8.24	0	01:10	0.00	
Jun-136·5	JUNCTION	0.00	0.62	0	01:26	0.00	
Jun-137	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-138	JUNCTION	0.00	5.12	0	01:14	0.00	
Jun-138·1	JUNCTION	0.00	0.76	0	01:06	0.00	
Jun-139	JUNCTION	0.00	8.20	0	01:14	0.00	
Jun-139·5	JUNCTION	0.00	1.20	0	01:19	0.00	
Jun-14·4	JUNCTION	0.00	0.51	0	03:42	0.00	
Jun-140	JUNCTION	0.00	8.20	0	01:14	0.00	
Jun-140·5	JUNCTION	0.00	0.76	0	01:05	0.00	
Jun-1400	JUNCTION	12.43	12.43	0	01:15	0.00	
Jun-141	JUNCTION	0.00	5.12	0	01:13	0.00	
Jun-141·1	JUNCTION	0.00	1.19	0	01:21	0.00	
Jun-142	JUNCTION	0.00	5.13	0	01:08	0.00	
Jun-142·1	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-149	JUNCTION	0.00	2.61	0	01:27	0.00	
Jun-149·1	JUNCTION	0.00	43.49	0	01:35	0.00	
Jun-150	JUNCTION	0.00	2.79	0	00:52	0.00	
Jun-150·1	JUNCTION	0.00	1.53	0	01:54	0.00	
Jun-151	JUNCTION	0.00	3.51	0	00:50	0.00	
Jun-151·1	JUNCTION	0.00	1.53	0	01:55	0.00	
Jun-152	JUNCTION	0.00	11.75	0	01:30	0.00	
Jun-153	JUNCTION	0.00	11.85	0	01:34	0.00	
Jun-154	JUNCTION	0.00	8.21	0	01:12	0.00	
Jun-155	JUNCTION	0.00	3.51	0	01:41	0.00	
Jun-161	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-162	JUNCTION	0.00	3.52	0	01:38	0.00	
Jun-162·5	JUNCTION	0.00	0.85	0	01:36	0.00	

Jun-163	JUNCTION	0.00	16.97	0	00:56	0.00	
Jun-163·5	JUNCTION	0.00	0.85	0	01:36	0.00	
Jun-164	JUNCTION	0.00	20.10	0	00:57	0.00	
Jun-165	JUNCTION	0.00	1.43	0	01:01	0.00	
Jun-169	JUNCTION	0.00	2.60	0	01:28	0.00	
Jun-169·1	JUNCTION	0.00	58.40	0	01:33	2.40	0 01:34
Jun-170	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-170·1	JUNCTION	13.36	13.36	0	01:00	0.00	
Jun-171	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-172	JUNCTION	0.00	13.36	0	01:00	0.00	
Jun-173	JUNCTION	0.00	0.95	0	01:56	0.00	
Jun-174·1	JUNCTION	0.00	49.40	0	01:37	1.90	0 01:37
Jun-175	JUNCTION	0.00	47.32	0	01:17	0.00	
Jun-176	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-179	JUNCTION	0.00	13.85	0	02:20	0.00	
Jun-180	JUNCTION	0.00	13.85	0	02:20	1.46	0 02:21
Jun-183	JUNCTION	0.00	10.74	0	01:12	0.00	
Jun-184	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-186	JUNCTION	27.66	132.49	0	01:08	0.00	
Jun-187	JUNCTION	0.00	5.12	0	01:12	0.00	
Jun-188	JUNCTION	0.00	5.35	0	01:05	0.00	
Jun-190	JUNCTION	0.00	1.33	0	01:17	0.00	
Jun-190·1	JUNCTION	0.00	0.04	0	01:31	0.00	
Jun-191	JUNCTION	0.48	0.48	0	01:35	0.00	
Jun-192	JUNCTION	0.00	3.35	0	01:44	0.00	
Jun-192·4	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-195	JUNCTION	0.00	16.17	0	01:28	0.00	
Jun-196	JUNCTION	0.00	45.65	0	01:27	0.00	
Jun-198	JUNCTION	4.27	4.27	0	00:55	0.00	
Jun-199·5	JUNCTION	0.00	15.33	0	01:31	0.00	
Jun-200	JUNCTION	0.00	2.27	0	00:51	1.03	0 00:51
Jun-200·1	JUNCTION	0.00	15.33	0	01:32	0.00	
Jun-201	JUNCTION	0.00	0.32	0	01:25	0.00	
Jun-203·1	JUNCTION	0.00	0.51	0	03:31	0.00	
Jun-204	JUNCTION	0.00	23.54	0	00:56	0.00	
Jun-204·1	JUNCTION	0.00	4.22	0	00:59	0.00	
Jun-204·4	JUNCTION	0.00	47.56	0	01:18	0.00	
Jun-205·1	JUNCTION	0.04	0.04	0	03:20	0.00	
Jun-205·4	JUNCTION	0.00	0.32	0	01:29	0.00	
Jun-206·1	JUNCTION	0.00	16.41	0	01:49	0.00	
Jun-209	JUNCTION	0.00	4.70	0	01:01	0.00	
Jun-209·1	JUNCTION	0.00	16.31	0	02:02	0.00	
Jun-211·1	JUNCTION	0.00	47.54	0	01:17	0.00	
Jun-212	JUNCTION	0.00	2.28	0	02:09	0.00	
Jun-212-1	JUNCTION	0.00	58.42	0	01:36	0.00	
Jun-213	JUNCTION	0.00	57.59	0	01:36	0.00	

Jun-216	JUNCTION	0.00	16.52	0	01:36	0.00	
Jun-217	JUNCTION	0.00	16.51	0	01:37	0.00	
Jun-218	JUNCTION	0.00	16.48	0	01:40	0.00	
Jun-219	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-220	JUNCTION	9.28	17.00	0	00:55	0.00	
Jun-221	JUNCTION	4.68	7.68	0	01:01	0.00	
Jun-222	JUNCTION	0.00	50.08	0	01:44	14.60	0 01:45
Jun-223	JUNCTION	0.00	47.44	0	01:17	0.00	
Jun-224	JUNCTION	0.00	47.53	0	01:18	0.00	
Jun-225	JUNCTION	0.00	51.99	0	01:20	0.00	
Jun-226	JUNCTION	0.00	60.63	0	01:22	5.43	0 01:22
Jun-227	JUNCTION	0.00	58.10	0	01:35	1.93	0 01:35
Jun-229	JUNCTION	64.86	72.97	0	00:55	0.00	
Jun-229·1	JUNCTION	0.00	2.71	0	01:43	0.00	
Jun-230	JUNCTION	0.00	0.62	0	00:56	0.00	
Jun-230·1	JUNCTION	0.00	2.27	0	01:10	0.00	
Jun-230·4	JUNCTION	0.00	16.34	0	01:56	0.00	
Jun-231	JUNCTION	0.00	0.52	0	03:38	0.00	
Jun-232	JUNCTION	0.00	0.52	0	03:38	0.00	
Jun-235	JUNCTION	0.00	4.22	0	00:59	0.00	
Jun-236	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-242	JUNCTION	0.00	2.10	0	00:52	0.00	
Jun-243	JUNCTION	0.00	7.76	0	01:12	0.00	
Jun-244	JUNCTION	0.00	7.75	0	01:13	0.00	
Jun-246	JUNCTION	0.00	12.68	0	01:10	0.00	
Jun-247	JUNCTION	0.00	12.64	0	01:12	0.00	
Jun-247·1	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-248	JUNCTION	0.00	12.54	0	01:14	0.00	
Jun-249	JUNCTION	0.00	5.18	0	01:05	0.00	
Jun-252	JUNCTION	0.00	20.91	0	01:48	0.00	
Jun-253	JUNCTION	8.92	8.92	0	01:00	0.00	
Jun-254	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-256	JUNCTION	0.00	17.49	0	01:11	0.00	
Jun-257	JUNCTION	2.76	2.76	0	01:35	0.00	
Jun-270-1	JUNCTION	0.00	3.49	0	01:47	0.00	
Jun-276	JUNCTION	0.00	20.63	0	01:01	0.00	
Jun-277	JUNCTION	2.27	2.27	0	01:10	0.00	
Jun-280	JUNCTION	0.00	1.27	0	01:19	0.00	
Jun-280·1	JUNCTION	3.34	3.34	0	01:05	0.00	
Jun-281	JUNCTION	0.00	20.91	0	01:49	10.17	0 01:49
Jun-283	JUNCTION	0.00	0.62	0	02:13	0.00	
Jun-283·1	JUNCTION	8.72	13.08	0	01:10	0.00	
Jun-284	JUNCTION	4.60	4.60	0	01:05	0.00	
Jun-286	JUNCTION	0.00	5.48	0	01:05	0.00	
Jun-287	JUNCTION	0.00	4.69	0	01:04	0.00	
Jun-288	JUNCTION	0.00	13.05	0	01:12	0.00	

Jun-290	JUNCTION	0.00	17.98	0	00:55	0.00	
Jun-29-1	JUNCTION	0.00	5.56	0	01:29	0.00	
Jun-292	JUNCTION	2.11	41.07	0	01:16	3.68	0 01:16
Jun-295	JUNCTION	0.00	2.09	0	00:53	0.00	
Jun-305	JUNCTION	0.00	2.27	0	00:51	0.00	
Jun-35-1	JUNCTION	0.00	16.51	0	01:37	0.00	
Jun-355	JUNCTION	0.00	93.99	0	01:32	0.00	
Jun-358	JUNCTION	0.00	2.78	0	00:47	0.00	
Jun-36-1	JUNCTION	0.00	17.49	0	01:11	0.00	
Jun-366	JUNCTION	0.00	3.31	0	00:47	0.00	
Jun-37-1	JUNCTION	0.00	17.48	0	01:12	0.00	
Jun-373	JUNCTION	0.00	21.48	0	00:58	0.00	
Jun-374	JUNCTION	0.00	2.22	0	00:45	0.00	
Jun-376	JUNCTION	0.00	2.94	0	00:47	0.00	
Jun-381	JUNCTION	0.00	2.93	0	01:11	0.00	
Jun-383	JUNCTION	0.00	2.80	0	00:45	0.00	
Jun-384	JUNCTION	0.00	2.08	0	00:54	0.00	
Jun-390	JUNCTION	0.00	1.28	0	01:45	0.00	
Jun-390·1	JUNCTION	0.00	8.50	0	01:19	0.00	
Jun-391	JUNCTION	0.00	1.93	0	01:01	0.00	
Jun-392	JUNCTION	0.06	8.50	0	01:21	3.02	0 01:21
Jun-400	JUNCTION	0.00	4.55	0	00:46	3.98	0 00:46
Jun-400·1	JUNCTION	0.00	17.51	0	01:10	0.00	
Jun-403	JUNCTION	0.00	3.14	0	00:53	0.00	
Jun-404	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-409	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-410	JUNCTION	0.00	5.96	0	00:40	5.38	0 00:40
Jun-410·1	JUNCTION	0.00	0.98	0	00:57	0.00	
Jun-414	JUNCTION	0.00	14.54	0	01:17	0.00	
Jun-424	JUNCTION	0.00	19.74	0	00:57	0.00	
Jun-427	JUNCTION	0.00	3.83	0	00:53	0.00	
Jun-428	JUNCTION	0.00	1.93	0	01:00	0.00	
Jun-429	JUNCTION	0.00	1.70	0	00:54	0.00	
Jun-430	JUNCTION	0.00	6.08	0	00:45	1.09	0 00:45
Jun-431	JUNCTION	0.00	3.43	0	01:08	0.00	
Jun-437	JUNCTION	0.00	7.75	0	01:14	0.00	
Jun-440	JUNCTION	0.00	6.31	0	00:57	0.00	
Jun-440·1	JUNCTION	0.00	0.01	0	03:25	0.00	
Jun-441	JUNCTION	0.00	9.74	0	00:56	0.00	
Jun-446	JUNCTION	0.00	20.91	0	01:48	0.00	
Jun-447	JUNCTION	0.00	17.48	0	01:12	0.00	
Jun-455	JUNCTION	0.00	18.46	0	01:23	0.00	
Jun-456	JUNCTION	0.00	18.30	0	01:23	0.00	
Jun-457	JUNCTION	0.00	3.40	0	01:14	0.00	
Jun-460	JUNCTION	0.00	1.29	0	01:44	0.00	

Jun-463	JUNCTION	0.00	3.45	0	01:05	0.00	
Jun-468	JUNCTION	0.00	11.98	0	00:55	0.00	
Jun-474	JUNCTION	0.00	25.52	0	00:55	0.00	
Jun-476	JUNCTION	0.00	29.47	0	02:16	0.00	
Jun-477	JUNCTION	0.00	1.28	0	01:19	0.00	
Jun-478	JUNCTION	0.80	0.80	0	01:35	0.00	
Jun-479	JUNCTION	0.00	1.28	0	00:53	0.00	
Jun-480	JUNCTION	0.00	0.78	0	03:55	0.05	0 03:55
Jun-481	JUNCTION	0.00	6.32	0	00:55	0.00	
Jun-482	JUNCTION	0.00	25.56	0	00:53	0.00	
Jun-483	JUNCTION	0.00	3.42	0	01:12	0.00	
Jun-487	JUNCTION	0.00	19.18	0	01:28	0.00	
Jun-488	JUNCTION	0.00	59.46	0	01:19	0.00	
Jun-489	JUNCTION	0.00	49.15	0	01:33	0.00	
Jun-49·2	JUNCTION	0.00	0.92	0	03:17	0.34	0 03:18
Jun-494	JUNCTION	0.00	0.78	0	01:34	0.00	
Jun-52·1	JUNCTION	0.00	24.61	0	01:14	0.00	
Jun-53-1	JUNCTION	0.00	12.41	0	01:15	0.82	0 01:15
Jun-540	JUNCTION	0.00	5.12	0	01:14	0.00	
Jun-576	JUNCTION	0.00	0.80	0	01:21	0.00	
Jun-578	JUNCTION	0.00	2.02	0	01:15	0.00	
Jun-581	JUNCTION	0.00	0.08	0	02:02	0.00	
Jun-583	JUNCTION	0.00	0.78	0	01:32	0.00	
Jun-600	JUNCTION	0.00	4.01	0	00:49	0.00	
Jun-607	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-608	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-62·4	JUNCTION	0.00	16.34	0	01:57	0.00	
Jun-634	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-635	JUNCTION	0.00	10.46	0	01:11	0.00	
Jun-636	JUNCTION	0.00	14.54	0	01:16	0.00	
Jun-646	JUNCTION	0.00	5.52	0	01:29	0.00	
Jun-661	JUNCTION	0.00	1.84	0	01:10	0.00	
Jun-665	JUNCTION	0.00	16.30	0	02:03	0.00	
Jun-682	JUNCTION	0.00	18.69	0	01:17	0.00	
Jun-683	JUNCTION	0.00	12.57	0	01:12	0.00	
Jun-687	JUNCTION	0.00	18.10	0	01:15	0.68	0 01:15
Jun-688	JUNCTION	0.07	0.80	0	01:25	0.00	
Jun-689	JUNCTION	0.00	7.47	0	00:46	0.00	
Jun-690	JUNCTION	0.00	1.96	0	01:28	0.00	
Jun-691	JUNCTION	0.00	32.56	0	02:18	0.00	
Jun-692	JUNCTION	0.00	30.02	0	02:18	0.00	
Jun-694	JUNCTION	21.44	37.09	0	02:17	0.56	0 02:18
Jun-695	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-70·2	JUNCTION	0.00	0.14	0	01:45	0.00	
Jun-7-1	JUNCTION	0.00	16.41	0	01:48	0.00	

Jun-85·2	JUNCTION	0.00	0.24	0	03:17	0.00
Jun-85·4	JUNCTION	0.00	16.32	0	02:00	0.00
Jun-88-1	JUNCTION	0.00	13.05	0	01:13	0.00
Jun-89·2	JUNCTION	0.00	0.24	0	03:17	0.00
Jun-91-1	JUNCTION	0.00	51.51	0	01:19	0.00
Jun-94-1	JUNCTION	0.00	16.47	0	01:41	0.00
Jun-95-1	JUNCTION	0.00	1.57	0	01:45	0.00
Jun-957	JUNCTION	0.00	0.23	0	03:26	0.00
Jun-96-1	JUNCTION	0.00	0.22	0	03:34	0.00
Jun-97·4	JUNCTION	0.00	16.42	0	01:45	0.00
Jun-97-1	JUNCTION	0.00	0.22	0	03:36	0.00
Jun-979	JUNCTION	0.00	3.52	0	01:38	0.00
Jun-987	JUNCTION	0.00	0.00	0	00:00	0.00
Out-1-100	OUTFALL	0.76	0.76	0	03:25	0.00
Out-1-102	OUTFALL	8.47	8.47	0	01:25	0.00
Out-1-104	OUTFALL	22.00	22.00	0	01:30	0.00
Out-1-105	OUTFALL	1.08	1.08	0	03:15	0.00
Out-14	OUTFALL	16.59	16.59	0	00:40	0.00
Out-16	OUTFALL	0.00	0.21	0	03:10	0.00
Out-18	OUTFALL	0.00	1.28	0	00:53	0.00
Out-19	OUTFALL	8.65	8.65	0	00:55	0.00
Out-20	OUTFALL	0.00	36.44	0	02:55	0.00
Out-2-107	OUTFALL	0.00	0.20	0	03:29	0.00
Out-2-110	OUTFALL	0.00	0.00	0	00:00	0.00
Out-2-111	OUTFALL	0.00	0.00	0	00:00	0.00
Out-2-112-1	OUTFALL	0.00	0.00	0	00:00	0.00
Out-2-112-2	OUTFALL	0.00	0.00	0	00:00	0.00
Out-2-114	OUTFALL	0.00	0.00	0	00:00	0.00
Out-2-119	OUTFALL	0.00	1.53	0	02:00	0.00
Out-4-162	OUTFALL	0.17	0.17	0	01:20	0.00
Out-4-165	OUTFALL	0.00	0.00	0	00:00	0.00
Out-4-166	OUTFALL	0.00	0.68	0	01:30	0.00
Out-4-168	OUTFALL	0.13	0.13	0	01:20	0.00
Out-4-169	OUTFALL	0.28	0.28	0	03:10	0.00
Out-4-170	OUTFALL	1.84	1.84	0	01:00	0.00
Out-4-171	OUTFALL	0.14	0.14	0	01:20	0.00
Out-4-173	OUTFALL	3.43	3.43	0	01:10	0.00
Out-4-179	OUTFALL	44.54	44.54	0	00:25	0.00
Out-4-180	OUTFALL	0.00	9.61	0	00:55	0.00
Out-4-181	OUTFALL	5.84	5.84	0	00:40	0.00
Out-4-183	OUTFALL	0.00	7.37	0	01:05	0.00
Out-4-184	OUTFALL	0.00	1.06	0	01:05	0.00
Out-4-186	OUTFALL	4.21	4.21	0	00:45	0.00
Out-4-187	OUTFALL	4.31	4.31	0	01:10	0.00
Out-4-189	OUTFALL	0.00	6.62	0	01:20	0.00
Out-4-196	OUTFALL	0.00	0.00	0	00:00	0.00
Out-4-198-2	OUTFALL	0.00	1.97	0	01:48	0.00
Out-5-126	OUTFALL	0.00	0.01	0	03:37	0.00
Out-5-128	OUTFALL	11.02	11.02	0	01:00	0.00
Out-5-129	OUTFALL	6.52	6.52	0	00:55	0.00

Out-5-130	OUTFALL	0.00	3.17	0	00:55	0.00
Out-5-132	OUTFALL	0.00	1.43	0	01:00	0.00
Out-5-134	OUTFALL	5.49	5.49	0	01:20	0.00
Out-5-136	OUTFALL	0.00	3.15	0	01:00	0.00
Out-6-137	OUTFALL	0.00	4.27	0	01:15	0.00
Out-6-138	OUTFALL	1.51	1.51	0	01:15	0.00
Out-6-139	OUTFALL	5.37	5.37	0	01:30	0.00
Out-6-140	OUTFALL	0.84	0.84	0	01:15	0.00
Out-6-141	OUTFALL	0.00	0.00	0	00:00	0.00
Out-6-142	OUTFALL	3.12	3.12	0	01:05	0.00
Out-6-143	OUTFALL	0.18	0.18	0	01:30	0.00
Out-6-144	OUTFALL	1.42	1.42	0	01:15	0.00
Out-6-145	OUTFALL	0.32	0.32	0	01:45	0.00
Out-6-146	OUTFALL	1.88	1.88	0	01:20	0.00
Out-6-147	OUTFALL	12.96	12.96	0	01:20	0.00
Out-6-155	OUTFALL	0.00	12.28	0	00:56	0.00
Out-6-157	OUTFALL	0.00	0.00	0	00:00	0.00
Out-8-214	OUTFALL	0.00	1.55	0	01:05	0.00
Out-8-215	OUTFALL	0.00	0.86	0	01:12	0.00
Out-8-216	OUTFALL	0.00	1.85	0	01:00	0.00
Out-8-217	OUTFALL	0.00	0.69	0	01:55	0.00
Out-8-218	OUTFALL	0.00	0.29	0	01:15	0.00
Out-8-220	OUTFALL	0.00	0.09	0	03:10	0.00
Out-8-221	OUTFALL	0.00	0.10	0	03:10	0.00
Out-8-222	OUTFALL	0.00	0.39	0	01:10	0.00
Out-8-224	OUTFALL	0.00	1.91	0	00:55	0.00
Out-8-224-1	OUTFALL	0.00	1.77	0	00:55	0.00
Out-8-225	OUTFALL	7.66	7.66	0	00:55	0.00
Out-8-226	OUTFALL	10.82	10.82	0	00:55	0.00
Out-8-227	OUTFALL	0.00	3.72	0	01:00	0.00
Out-8-228	OUTFALL	0.00	0.00	0	00:00	0.00
Out-8-229	OUTFALL	0.00	1.18	0	01:20	0.00
Out-8-235	OUTFALL	0.00	5.22	0	00:55	0.00
Out-8-236	OUTFALL	16.13	16.13	0	00:55	0.00
Out-8-237	OUTFALL	0.00	15.52	0	00:40	0.00
Out-8-245	OUTFALL	24.88	24.88	0	00:55	0.00
Out-8-250	OUTFALL	0.00	23.75	0	00:50	0.00
Out-8-254	OUTFALL	0.00	4.80	0	00:55	0.00
Out-8-256	OUTFALL	0.00	21.28	0	01:21	0.00
Out-8-258	OUTFALL	8.36	8.36	0	00:50	0.00
Out-8-259	OUTFALL	8.43	8.43	0	01:20	0.00
Out-8-259-1	OUTFALL	0.00	23.55	0	00:56	0.00
Out-8-260	OUTFALL	0.00	18.21	0	01:00	0.00
Diversion-2-107	DIVIDER	0.74	0.74	0	03:15	0.00
Diversion-2-109	DIVIDER	0.00	0.00	0	00:00	0.00
Diversion-2-117	DIVIDER	5.12	6.84	0	01:38	0.00
Diversion-2-118-1	DIVIDER	0.00	7.15	0	01:48	0.00
Diversion-2-118-2	DIVIDER	10.47	10.47	0	01:10	0.00
Diversion-2-119	DIVIDER	0.00	0.00	0	00:00	0.00
Diversion-2-119-2	DIVIDER	0.92	0.92	0	03:15	0.00

Diversion-3-120	DIVIDER	23.48	23.48	0	01:30	0.00	
Diversion-4-165	DIVIDER	0.18	0.18	0	01:30	0.00	
Diversion-4-166	DIVIDER	0.68	0.68	0	01:30	0.00	
Diversion-4-180	DIVIDER	14.34	14.34	0	00:55	0.00	
Diversion-4-183	DIVIDER	8.19	8.19	0	01:05	0.00	
Diversion-4-184	DIVIDER	3.21	3.21	0	01:05	0.00	
Diversion-4-189	DIVIDER	8.83	8.83	0	01:20	0.00	
Diversion-4-196	DIVIDER	0.00	0.00	0	00:00	0.00	
Diversion-5-122	DIVIDER	33.06	33.06	0	01:35	0.00	
Diversion-5-122-1	DIVIDER	0.00	0.52	0	03:35	0.00	
Diversion-5-124	DIVIDER	1.63	1.63	0	01:45	0.00	
Diversion-5-125	DIVIDER	0.00	0.00	0	00:00	0.00	
Diversion-5-126	DIVIDER	0.00	0.00	0	00:00	0.00	
Diversion-5-127	DIVIDER	0.00	0.00	0	00:00	0.00	
Diversion-5-130	DIVIDER	6.35	6.35	0	00:55	0.00	
Diversion-5-132	DIVIDER	6.30	6.30	0	01:00	0.00	
Diversion-5-132-1	DIVIDER	5.71	5.71	0	01:00	0.00	
Diversion-5-132-2	DIVIDER	0.00	2.85	0	01:00	0.00	
Diversion-6-137	DIVIDER	8.55	8.55	0	01:15	0.00	
Diversion-6-141	DIVIDER	0.36	0.36	0	02:25	0.00	
Diversion-6-148	DIVIDER	4.45	4.45	0	01:25	0.00	
Diversion-6-149	DIVIDER	2.48	2.48	0	01:50	0.00	
Diversion-6-150-1	DIVIDER	0.89	0.89	0	01:30	0.00	
Diversion-6-150-2	DIVIDER	0.00	0.04	0	01:30	0.00	
Diversion-6-151	DIVIDER	0.33	0.33	0	01:25	0.00	
Diversion-6-152	DIVIDER	0.62	0.62	0	01:25	0.00	
Diversion-6-153	DIVIDER	5.07	5.07	0	01:05	0.00	
Diversion-6-155	DIVIDER	14.45	14.45	0	00:55	0.00	
Diversion-7-200-1	DIVIDER	47.94	47.94	0	00:55	0.00	
Diversion-7-200-2	DIVIDER	0.00	35.95	0	00:55	0.00	
Diversion-7-202-1	DIVIDER	11.82	11.82	0	00:45	0.00	
Diversion-7-202-2	DIVIDER	0.00	8.87	0	00:45	0.00	
Diversion-7-202-3	DIVIDER	0.00	6.64	0	00:46	0.00	
Diversion-7-203-1	DIVIDER	18.43	18.43	0	01:05	3.16	0 01:05
Diversion-7-203-2	DIVIDER	0.00	11.31	0	00:52	0.00	
Diversion-7-203-3	DIVIDER	0.00	8.45	0	01:24	0.00	
Diversion-7-203-4	DIVIDER	0.00	6.31	0	00:53	0.00	
Diversion-7-204-1	DIVIDER	18.73	18.73	0	00:50	0.00	
Diversion-7-204-2	DIVIDER	0.00	14.05	0	00:50	5.54	0 00:50
Diversion-7-204-3	DIVIDER	0.00	5.39	0	00:32	0.00	
Diversion-7-205-1	DIVIDER	9.11	9.11	0	00:50	0.00	
Diversion-7-205-2	DIVIDER	0.00	6.83	0	00:51	0.00	
Diversion-7-205-3	DIVIDER	0.00	5.11	0	00:52	0.00	
Diversion-7-206-1	DIVIDER	1.60	1.60	0	01:15	0.00	
Diversion-7-206-2	DIVIDER	0.00	1.20	0	01:15	0.00	
Diversion-7-207-1	DIVIDER	0.00	10.35	0	01:05	0.00	
Diversion-7-207-2	DIVIDER	13.80	13.80	0	01:05	0.00	
Diversion-7-209-1	DIVIDER	19.77	19.77	0	00:40	0.00	

Diversion-7-209-2	DIVIDER	0.00	14.83	0	00:40	0.13	0	00:40
Diversion-7-209-3	DIVIDER	0.00	11.45	0	00:45	0.85	0	00:45
Diversion-7-209-4	DIVIDER	0.00	8.10	0	00:48	0.00		
Diversion-7-210-1	DIVIDER	24.33	24.33	0	00:45	0.00		
Diversion-7-210-2	DIVIDER	0.00	18.24	0	00:45	0.00		
Diversion-7-210-3	DIVIDER	0.00	13.68	0	00:45	0.69	0	00:45
Diversion-7-212-1	DIVIDER	0.21	0.21	0	03:10	0.00		
Diversion-7-213-1	DIVIDER	0.24	0.24	0	03:15	0.00		
Diversion-7-213-2	DIVIDER	0.00	0.24	0	03:21	0.00		
Diversion-7-213-3	DIVIDER	0.00	0.24	0	03:23	0.00		
Diversion-7-213-4	DIVIDER	0.00	0.24	0	03:28	0.00		
Diversion-7-213-5	DIVIDER	0.00	0.24	0	03:30	0.00		
Diversion-8-214	DIVIDER	3.23	3.23	0	01:05	0.00		
Diversion-8-215	DIVIDER	3.44	3.44	0	01:10	0.00		
Diversion-8-215-1	DIVIDER	0.00	1.16	0	01:12	0.00		
Diversion-8-216	DIVIDER	3.18	3.18	0	01:00	0.00		
Diversion-8-217	DIVIDER	1.64	1.64	0	01:55	0.00		
Diversion-8-218	DIVIDER	1.10	1.10	0	01:15	0.00		
Diversion-8-220-1	DIVIDER	0.09	0.09	0	03:10	0.00		
Diversion-8-220-2	DIVIDER	0.00	0.00	0	00:00	0.00		
Diversion-8-220-3	DIVIDER	0.00	0.11	0	01:54	0.00		
Diversion-8-221	DIVIDER	0.10	0.10	0	03:10	0.00		
Diversion-8-222	DIVIDER	2.45	2.45	0	01:10	0.00		
Diversion-8-223	DIVIDER	2.40	2.40	0	00:55	0.00		
Diversion-8-224	DIVIDER	2.89	2.89	0	00:55	0.00		
Diversion-8-227	DIVIDER	10.93	10.93	0	01:00	0.00		
Diversion-8-227-2	DIVIDER	0.00	7.20	0	01:01	0.00		
Diversion-8-228	DIVIDER	0.00	0.00	0	00:00	0.00		
Diversion-8-229	DIVIDER	1.79	1.79	0	01:20	0.00		
Diversion-8-234	DIVIDER	14.22	14.22	0	00:45	0.00		
Diversion-8-235	DIVIDER	10.45	10.45	0	00:55	0.24	0	00:55
Diversion-8-237	DIVIDER	17.84	17.84	0	00:40	0.00		
Diversion-8-242	DIVIDER	3.93	3.93	0	01:05	0.00		
Diversion-8-242-2	DIVIDER	0.00	0.78	0	01:35	0.00		
Diversion-8-246	DIVIDER	16.08	16.08	0	01:00	8.15	0	01:00
Diversion-8-250	DIVIDER	27.94	27.94	0	00:50	0.00		
Diversion-8-254	DIVIDER	9.60	9.60	0	00:55	0.00		
Stor-04-159	STORAGE	5.66	5.66	0	01:05	0.00		
Stor-04-161	STORAGE	5.21	5.21	0	01:05	0.00		
Stor-04-193	STORAGE	2.16	2.16	0	01:10	0.00		
Stor-04-194	STORAGE	5.26	65.59	0	01:13	0.00		
Stor-06-150	STORAGE	0.00	0.00	0	00:00	0.00		
Stor-08-256	STORAGE	0.00	22.24	0	01:06	0.00		
Stor-08-265	STORAGE	4.44	136.23	0	01:01	0.00		
Stor-2-109	STORAGE	0.00	0.00	0	00:00	0.00		

Stor-5-135	STORAGE	5.28	61.97	0	01:23	0.00	
Stor-6-152	STORAGE	0.00	0.85	0	01:37	0.00	
Stor-6-153	STORAGE	0.00	1.19	0	01:21	0.00	
Stor-7-201	STORAGE	4.05	104.97	0	01:17	0.00	
Stor-8-238	STORAGE	12.81	12.81	0	00:50	0.00	
Stor-8-240	STORAGE	14.40	30.73	0	01:00	0.00	
Stor-8-253	STORAGE	2.43	2.43	0	01:05	0.00	
Stor-8-253-2	STORAGE	12.89	12.89	0	00:50	0.00	

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Storage Node Summary
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Storage Node ID	Maximum Ponded Volume 1000 ft³	Maximum Ponded Volume (%)	Time of Max. Ponded Exfiltration Volume days hh:mm	Total Exfiltrated Volume 1000 ft³	Average Exfiltration Rate cfs	Maximum Exfiltration Rate cfm	Time of Max Outflow hh:mm:ss	Average Ponded Volume 1000 ft³	Maximum Ponded Volume (%)
Stor-04-159	0.000	0	0 00:00	0.000	0.00	0.00	0:00:00	0.000	0
Stor-04-161	0.000	0	0 00:00	0.000	0.00	0.00	0:00:00	0.000	0
Stor-04-193	10.145	7	0 04:30	7.205	0.00	0.00	0:00:00	0.000	5
Stor-04-194	98.460	27	0 01:47	36.276	38.81	0.00	0:00:00	0.000	10
Stor-06-150	0.000	0	0 00:00	0.000	0.00	0.00	0:00:00	0.000	0
Stor-08-256	8.555	93	0 01:10	4.308	19.77	0.00	0:00:00	0.000	47
Stor-08-265	269.221	77	0 01:31	179.468	93.99	0.00	0:00:00	0.000	51
Stor-2-109	0.000	0	0 00:00	0.000	0.00	0.00	0:00:00	0.000	0
Stor-5-135	342.702	89	0 03:58	224.425	13.21	0.00	0:00:00	0.000	58
Stor-6-152	5.820	15	0 06:00	3.566	0.00	0.00	0:00:00	0.000	9
Stor-6-153	0.000	0	0 00:00	0.000	0.00	0.00	0:00:00	0.000	0

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Stor-7-201             368.063          14       0  02:54    250.250        10
   36.44          0.00       0:00:00        0.000
Stor-8-238              26.552          58       0  01:20     17.958        40
    7.32          0.00       0:00:00        0.000
Stor-8-240               0.000           0       0  00:00      0.000         0
    0.00          0.00       0:00:00        0.000
Stor-8-253               4.968          11       0  01:28      3.496         8
    1.78          0.00       0:00:00        0.000
Stor-8-253-2            15.143          66       0  01:05      9.275        40
   10.92          0.00       0:00:00        0.000


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Outfall Loading Summary
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Outfall Node ID        Flow   Average      Peak
                  Frequency      Flow    Inflow
                        (%)       cfs       cfs
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Out-1-100             77.53      0.27      0.76
Out-1-102             79.75      2.77      8.47
Out-1-104             94.45      6.63     22.00
Out-1-105             75.31      0.47      1.08
Out-14                66.16      4.40     16.59
Out-16                48.96      0.10      0.21
Out-18                50.07      0.41      1.28
Out-19                59.64      2.73      8.65
Out-20                94.17     25.82     36.44
Out-2-107             45.35      0.06      0.20
Out-2-110              0.00      0.00      0.00
Out-2-111              0.00      0.00      0.00
Out-2-112-1            0.00      0.00      0.00
Out-2-112-2            0.00      0.00      0.00
Out-2-114              0.00      0.00      0.00
Out-2-119             78.78      0.70      1.53
Out-4-162             47.30      0.09      0.17
Out-4-165              0.00      0.00      0.00
Out-4-166             59.64      0.34      0.68
Out-4-168             46.46      0.07      0.13
Out-4-169             54.51      0.18      0.28
Out-4-170             60.33      0.59      1.84
Out-4-171             47.85      0.07      0.14
Out-4-173             65.74      1.11      3.43
Out-4-179             53.95     11.60     44.54
Out-4-180             52.84      3.47      9.61
Out-4-181             59.64      1.65      5.84
Out-4-183             66.71      2.28      7.37
Out-4-184             64.49      0.39      1.06
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Out-4-186	63.11	1.20	4.21
Out-4-187	71.43	1.31	4.31
Out-4-189	88.21	1.94	6.62
Out-4-196	0.00	0.00	0.00
Out-4-198-2	16.64	0.88	1.97
Out-5-126	13.59	0.00	0.01
Out-5-128	65.33	3.34	11.02
Out-5-129	65.88	1.91	6.52
Out-5-130	63.80	0.96	3.17
Out-5-132	71.98	0.53	1.43
Out-5-134	92.09	1.52	5.49
Out-5-136	76.98	0.89	3.15
Out-6-137	79.61	1.28	4.27
Out-6-138	69.76	0.50	1.51
Out-6-139	86.41	1.71	5.37
Out-6-140	66.30	0.29	0.84
Out-6-141	0.00	0.00	0.00
Out-6-142	68.10	0.95	3.12
Out-6-143	56.73	0.10	0.18
Out-6-144	72.54	0.46	1.42
Out-6-145	70.46	0.16	0.32
Out-6-146	77.81	0.62	1.88
Out-6-147	88.21	3.80	12.96
Out-6-155	66.30	3.60	12.28
Out-6-157	0.00	0.00	0.00
Out-8-214	65.88	0.55	1.55
Out-8-215	41.75	0.31	0.86
Out-8-216	71.43	0.62	1.85
Out-8-217	45.08	0.42	0.69
Out-8-218	60.33	0.20	0.29
Out-8-220	27.46	0.04	0.09
Out-8-221	45.21	0.05	0.10
Out-8-222	64.22	0.17	0.39
Out-8-224	64.49	0.65	1.91
Out-8-224-1	48.54	0.61	1.77
Out-8-225	65.88	2.24	7.66
Out-8-226	66.16	3.15	10.82
Out-8-227	52.01	1.44	3.72
Out-8-228	0.00	0.00	0.00
Out-8-229	66.71	0.52	1.18
Out-8-235	67.96	1.53	5.22
Out-8-236	74.20	4.26	16.13
Out-8-237	55.89	4.68	15.52
Out-8-245	75.73	6.49	24.88
Out-8-250	75.31	6.01	23.75
Out-8-254	74.20	1.30	4.80
Out-8-256	88.77	4.93	21.28
Out-8-258	71.01	2.22	8.36
Out-8-259	97.23	2.25	8.43
Out-8-259-1	88.90	5.54	23.55

```
  Out-8-260             80.86      4.73     18.21
  ------------------------------------------------
  System                57.20    149.05    356.42


  *****************
  Link Flow Summary
  *****************


-------------------------------------------------------------------------------
-------------------------------------------
  Link ID              Element       Time of   Maximum  Length   Peak Flow
Design  Ratio of  Ratio of       Total  Reported
                       Type        Peak Flow  Velocity  Factor      during
Flow   Maximum   Maximum        Time  Condition
                                 Occurrence  Attained            Analysis
Capacity   /Design      Flow  Surcharged
                                   days hh:mm    ft/sec                 cfs
cfs      Flow     Depth     minutes

-------------------------------------------------------------------------------
-------------------------------------------
  Link-01·4            CONDUIT      0  00:00      0.00    1.00        0.00
1.16      0.00      0.00           0  Calculated
  Link-02              CONDUIT      0  01:31      4.65    1.00       11.74
22.53      0.52      0.51           0  Calculated
  Link-03              CONDUIT      0  00:55     13.46    1.00       12.12
51.85      0.23      0.33           0  Calculated
  Link-03·1            CONDUIT      0  01:30      4.84    1.00       11.75
23.75      0.49      0.50           0  Calculated
  Link-04              CONDUIT      0  03:37      0.00    1.00        0.01
67.03      0.00      0.01           0  Calculated
  Link-09              CONDUIT      0  00:59      4.18    1.00        4.71
6.84      0.69      0.61           0  Calculated
  Link-09·4            CONDUIT      0  03:42      2.76    1.00        0.51
0.93      0.55      0.53           0  Calculated
  Link-100             CONDUIT      0  00:00      0.00    1.00        0.00
5.11      0.00      0.00           0  Calculated
  Link-101             CONDUIT      0  03:38      3.46    1.00        0.52
27.31      0.02      0.10           0  Calculated
  Link-102             CONDUIT      0  00:00      0.00    1.00        0.00
15.68      0.00      0.00           0  Calculated
  Link-104             CONDUIT      0  00:00      0.00    1.00        0.00
10.44      0.00      0.00           0  Calculated
  Link-105             CONDUIT      0  01:34      8.26    1.00       11.69
26.55      0.44      0.46           0  Calculated
  Link-106             CONDUIT      0  01:44     11.28    1.00       50.08
47.50      1.05      0.92           0  > CAPACITY
  Link-107             CONDUIT      0  01:35     15.16    1.00       45.63
```

69.86	0.65	0.59	0	Calculated									
Link-1-07		CONDUIT	0	02:00	4.99	1.00	1.62						
1.51	1.08	1.00	96	SURCHARGED									
Link-108		CONDUIT	0	01:18	26.17	1.00	47.32						
143.19	0.33	0.40	0	Calculated									
Link-1-101		CONDUIT	0	01:46	4.45	1.00	1.42						
1.33	1.06	1.00	81	SURCHARGED									
Link-1-115		CONDUIT	0	01:14	3.77	1.00	5.12						
12.40	0.41	0.45	0	Calculated									
Link-1-121		CONDUIT	0	00:00	0.00	1.00	0.00						
1.95	0.00	0.00	0	Calculated									
Link-123		CONDUIT	0	00:00	0.00	1.00	0.00						
8.58	0.00	0.00	0	Calculated									
Link-124		CONDUIT	0	01:35	19.80	1.00	16.53						
22.16	0.75	0.64	0	Calculated									
Link-126		CONDUIT	0	01:36	4.45	1.00	16.52						
19.47	0.85	0.71	0	Calculated									
Link-1-265		CONDUIT	0	00:51	5.40	1.00	2.27						
7.59	0.30	0.38	0	Calculated									
Link-1-265-11		CONDUIT	0	01:21	15.46	1.00	53.33						
110.19	0.48	0.49	0	Calculated									
Link-129		CONDUIT	0	01:35	13.76	1.00	16.52						
47.58	0.35	0.41	0	Calculated									
Link-1-292		CONDUIT	0	03:37	3.10	1.00	0.21						
15.26	0.01	0.08	0	Calculated									
Link-136		CONDUIT	0	00:48	5.74	1.00	7.07						
9.14	0.77	0.66	0	Calculated									
Link-141		CONDUIT	0	01:00	>50.00	1.00	18.21						
71.28	0.26	0.34	0	Calculated									
Link-1-420		CONDUIT	0	01:05	5.66	1.00	4.19						
10.48	0.40	0.44	0	Calculated									
Link-1-420·2		CONDUIT	0	00:00	0.00	1.00	0.00						
17.62	0.00	0.00	0	Calculated									
Link-143		CONDUIT	0	00:50	7.78	1.00	14.94						
22.92	0.65	0.59	0	Calculated									
Link-1-439		CONDUIT	0	01:41	4.99	1.00	3.51						
9.50	0.37	0.42	0	Calculated									
Link-144		CONDUIT	0	00:56	>50.00	1.00	23.55						
70.17	0.34	0.40	0	Calculated									
Link-1-448		CONDUIT	0	00:00	0.00	1.00	0.00						
5.06	0.00	0.00	0	Calculated									
Link-145		CONDUIT	0	01:21	>50.00	1.00	21.28						
74.00	0.29	0.37	0	Calculated									
Link-147		CONDUIT	0	01:21	7.40	1.00	21.27						
19.77	1.08	0.93	0	> CAPACITY									
Link-147·1		CONDUIT	0	01:36	17.87	1.00	16.52						
126.95	0.13	0.24	0	Calculated									
Link-148		CONDUIT	0	00:00	0.00	1.00	0.00						
5.92	0.00	0.00	0	Calculated									
Link-1-485		CONDUIT	0	01:19	4.15	1.00	1.28						

10.81	0.12	0.23	0	Calculated							
Link-1-489		CONDUIT	0	00:37	3.34	1.00	5.39				
4.99	1.08	1.00	31	SURCHARGED							
Link-149		CONDUIT	0	01:13	3.77	1.00	5.12				
12.39	0.41	0.45	0	Calculated							
Link-149·1		CONDUIT	0	01:38	2.50	1.00	0.78				
6.46	0.12	0.23	0	Calculated							
Link-1-493		CONDUIT	0	01:08	3.79	1.00	5.13				
12.39	0.41	0.45	0	Calculated							
Link-1-496		CONDUIT	0	01:14	3.77	1.00	5.12				
12.40	0.41	0.45	0	Calculated							
Link-15		CONDUIT	0	01:17	4.12	1.00	1.33				
1.24	1.07	1.00	42	SURCHARGED							
Link-1-575		CONDUIT	0	00:00	0.00	1.00	0.00				
7.38	0.00	0.00	0	Calculated							
Link-1-577·1		CONDUIT	0	01:54	2.87	1.00	0.11				
16.98	0.01	0.06	0	Calculated							
Link-1-594		CONDUIT	0	01:27	3.70	1.00	2.61				
4.99	0.52	0.51	0	Calculated							
Link-16		CONDUIT	0	00:00	0.00	1.00	0.00				
0.57	0.00	0.00	0	Calculated							
Link-161		CONDUIT	0	01:28	4.46	1.00	16.12				
93.35	0.17	0.28	0	Calculated							
Link-162		CHANNEL	0	01:30	1.29	1.00	45.60				
1526.73	0.03	0.12	0	Calculated							
Link-166		CONDUIT	0	01:04	3.42	1.00	0.61				
1.14	0.54	0.52	0	Calculated							
Link-168		CONDUIT	0	01:08	12.53	1.00	6.27				
27.28	0.23	0.33	0	Calculated							
Link-169		CONDUIT	0	00:56	9.13	1.00	72.75				
106.53	0.68	0.61	0	Calculated							
Link-169·1		CONDUIT	0	01:07	5.98	1.00	5.46				
6.56	0.83	0.70	0	Calculated							
Link-172		CONDUIT	0	01:06	11.63	1.00	5.47				
15.68	0.35	0.41	0	Calculated							
Link-173		CONDUIT	0	00:00	0.00	1.00	0.00				
10.76	0.00	0.00	0	Calculated							
Link-177		CONDUIT	0	01:01	3.21	1.00	4.70				
4.99	0.94	0.77	0	Calculated							
Link-181		CONDUIT	0	01:12	12.98	1.00	8.21				
57.54	0.14	0.26	0	Calculated							
Link-182		CONDUIT	0	01:12	4.69	1.00	8.21				
14.24	0.58	0.55	0	Calculated							
Link-183		CONDUIT	0	00:00	0.00	1.00	0.00				
26.68	0.00	0.00	0	Calculated							
Link-184		CONDUIT	0	00:57	5.08	1.00	16.97				
36.59	0.46	0.48	0	Calculated							
Link-185		CONDUIT	0	01:14	12.28	1.00	8.20				
53.21	0.15	0.27	0	Calculated							
Link-185·4		CONDUIT	0	01:07	2.72	1.00	1.42				

5.76	0.25	0.34	0	Calculated					
Link-186		CONDUIT	0	01:15	11.63	1.00	8.20		
49.33	0.17	0.28	0	Calculated					
Link-186·5		CONDUIT	0	00:00	0.00	1.00	0.00		
3.54	0.00	0.00	0	Calculated					
Link-188		CONDUIT	0	01:21	14.14	1.00	51.96		
98.69	0.53	0.52	0	Calculated					
Link-189		CONDUIT	0	01:00	8.09	1.00	8.92		
28.82	0.31	0.38	0	Calculated					
Link-189·1		CONDUIT	0	01:27	5.08	1.00	0.62		
11.71	0.05	0.16	0	Calculated					
Link-191		CONDUIT	0	01:07	2.30	1.00	0.76		
3.54	0.21	0.31	0	Calculated					
Link-192·5		CONDUIT	0	01:06	2.30	1.00	0.76		
3.55	0.21	0.31	0	Calculated					
Link-193		CONDUIT	0	01:21	2.76	1.00	1.19		
3.84	0.31	0.38	0	Calculated					
Link-194		CONDUIT	0	01:33	6.68	1.00	58.40		
55.11	1.06	0.92	0	> CAPACITY					
Link-194·5		CONDUIT	0	00:00	0.00	1.00	0.00		
8.35	0.00	0.00	0	Calculated					
Link-198		CONDUIT	0	01:35	15.09	1.00	43.48		
70.42	0.62	0.57	0	Calculated					
Link-202		CONDUIT	0	01:00	17.76	1.00	13.36		
33.16	0.40	0.44	0	Calculated					
Link-204		CONDUIT	0	01:51	1.47	1.00	0.12		
4.99	0.02	0.10	0	Calculated					
Link-207		CONDUIT	0	01:48	2.99	1.00	0.81		
8.31	0.10	0.21	0	Calculated					
Link-208		CONDUIT	0	01:12	6.47	1.00	8.21		
21.90	0.38	0.42	0	Calculated					
Link-21		CONDUIT	0	00:56	4.66	1.00	19.77		
93.35	0.21	0.31	0	Calculated					
Link-210		CONDUIT	0	00:00	0.00	1.00	0.00		
17.91	0.00	0.00	0	Calculated					
Link-211		CONDUIT	0	00:00	0.00	1.00	0.00		
19.19	0.00	0.00	0	Calculated					
Link-212		CONDUIT	0	01:12	7.35	1.00	12.64		
22.28	0.57	0.54	0	Calculated					
Link-212·1		CONDUIT	0	02:20	4.81	1.00	13.85		
22.47	0.62	0.57	0	Calculated					
Link-213		CONDUIT	0	00:00	0.00	1.00	0.00		
26.89	0.00	0.00	0	Calculated					
Link-215		CONDUIT	0	02:20	5.86	1.00	32.54		
36.55	0.89	0.74	0	Calculated					
Link-218		CONDUIT	0	02:02	2.20	1.00	0.08		
11.93	0.01	0.06	0	Calculated					
Link-218·1		CONDUIT	0	01:27	4.81	1.00	0.62		
10.91	0.06	0.16	0	Calculated					
Link-222		CONDUIT	0	01:21	8.91	1.00	1.19		

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19.90      0.06      0.17           0  Calculated
  Link-227             CONDUIT      0  00:00      0.00    1.00        0.00
5.11      0.00      0.00           0  Calculated
  Link-232             CONDUIT      0  00:53      5.19    1.00        2.76
6.67      0.41      0.45           0  Calculated
  Link-233             CONDUIT      0  00:53      6.61    1.00        7.37
10.87      0.68      0.60           0  Calculated
  Link-233·1           CONDUIT      0  01:34      7.72    1.00       11.70
24.21      0.48      0.49           0  Calculated
  Link-238             CONDUIT      0  00:00      0.00    1.00        0.00
17.16      0.00      0.00           0  Calculated
  Link-246             CONDUIT      0  01:08      8.08    1.00        5.46
9.61      0.57      0.54           0  Calculated
  Link-247             CONDUIT      0  02:22      4.42    1.00       13.25
12.39      1.07      0.95           0  > CAPACITY
  Link-248             CONDUIT      0  03:36      0.63    1.00        0.01
12.60      0.00      0.02           0  Calculated
  Link-249             CONDUIT      0  01:03      4.01    1.00       11.50
10.74      1.07      0.94           0  > CAPACITY
  Link-249·1           CONDUIT      0  03:37      0.55    1.00        0.01
12.39      0.00      0.02           0  Calculated
  Link-250             CONDUIT      0  01:12      4.23    1.00        8.21
12.39      0.66      0.60           0  Calculated
  Link-250·4           CONDUIT      0  03:35      3.44    1.00        0.52
25.18      0.02      0.10           0  Calculated
  Link-251             CONDUIT      0  01:29      2.01    1.00        0.32
16.19      0.02      0.10           0  Calculated
  Link-251·5           CONDUIT      0  01:36      5.83    1.00        0.85
21.03      0.04      0.14           0  Calculated
  Link-252             CONDUIT      0  01:53      4.49    1.00       16.36
19.47      0.84      0.70           0  Calculated
  Link-256             CONDUIT      0  02:03      5.00    1.00       16.30
22.47      0.73      0.63           0  Calculated
  Link-257             CONDUIT      0  00:53      4.00    1.00        2.09
5.16      0.40      0.44           0  Calculated
  Link-257·1           CONDUIT      0  01:36     11.43    1.00       47.76
49.04      0.97      0.80           0  Calculated
  Link-258             CONDUIT      0  01:17     28.25    1.00       47.32
157.92      0.30      0.38           0  Calculated
  Link-260             CONDUIT      0  01:35     15.30    1.00       45.63
70.70      0.65      0.59           0  Calculated
  Link-262             CONDUIT      0  01:21     10.95    1.00       53.31
70.23      0.76      0.65           0  Calculated
  Link-263·4           CONDUIT      0  01:22      9.39    1.00       53.20
58.44      0.91      0.75           0  Calculated
  Link-264             CONDUIT      0  01:20     10.57    1.00       51.99
67.51      0.77      0.66           0  Calculated
  Link-266             CONDUIT      0  01:22     15.14    1.00       58.52
157.20      0.37      0.42           0  Calculated
  Link-267             CONDUIT      0  01:28      3.25    1.00        2.60
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5.92      0.44      0.46           0  Calculated
  Link-267·1            CONDUIT      0  01:20     14.42    1.00       51.41
101.38      0.51      0.50           0  Calculated
  Link-268              CONDUIT      0  01:23     18.79    1.00       58.49
211.38      0.28      0.36           0  Calculated
  Link-269              CONDUIT      0  01:35      6.71    1.00       58.10
55.11      1.05      0.92           0  > CAPACITY
  Link-271              CONDUIT      0  01:36      6.93    1.00       57.59
78.68      0.73      0.63           0  Calculated
  Link-274              CONDUIT      0  01:35     15.16    1.00       43.49
70.80      0.61      0.57           0  Calculated
  Link-275              CONDUIT      0  01:35     14.37    1.00       43.48
66.11      0.66      0.59           0  Calculated
  Link-275·5            CONDUIT      0  01:16      6.30    1.00        4.27
12.23      0.35      0.41           0  Calculated
  Link-276              CONDUIT      0  01:05      5.08    1.00        5.35
5.47      0.98      0.80           0  Calculated
  Link-276·4            DIRECT       0  01:35                         16.53
  Link-277              CONDUIT      0  01:15     10.47    1.00       26.65
29.01      0.92      0.76           0  Calculated
  Link-277·4            DIRECT       0  01:35                         16.53
  Link-278              CONDUIT      0  01:37      4.45    1.00       16.51
19.48      0.85      0.71           0  Calculated
  Link-279              CONDUIT      0  01:35     14.00    1.00       16.52
48.65      0.34      0.40           0  Calculated
  Link-280              CONDUIT      0  03:40      2.34    1.00        0.52
7.08      0.07      0.18           0  Calculated
  Link-281              CONDUIT      0  01:14     17.99    1.00       26.65
57.63      0.46      0.48           0  Calculated
  Link-282              CONDUIT      0  01:40      4.60    1.00       16.48
20.05      0.82      0.69           0  Calculated
  Link-284              CONDUIT      0  01:00      9.07    1.00       13.36
14.09      0.95      0.78           0  Calculated
  Link-285              CONDUIT      0  01:38      3.32    1.00        0.48
7.18      0.07      0.18           0  Calculated
  Link-285·4            CONDUIT      0  01:55      5.35    1.00        0.62
21.25      0.03      0.12           0  Calculated
  Link-286              CONDUIT      0  01:41      4.45    1.00       16.47
19.47      0.85      0.71           0  Calculated
  Link-287              CONDUIT      0  01:45      4.50    1.00       16.42
19.52      0.84      0.70           0  Calculated
  Link-289              CONDUIT      0  01:45      9.49    1.00        0.81
190.18      0.00      0.05           0  Calculated
  Link-290              CONDUIT      0  01:48      7.43    1.00        0.81
32.11      0.03      0.11           0  Calculated
  Link-292              CONDUIT      0  01:15      6.12    1.00       12.63
17.61      0.72      0.63           0  Calculated
  Link-292·1            CONDUIT      0  00:00      0.00    1.00        0.00
36.49      0.00      0.00           0  Calculated
  Link-293              CONDUIT      0  00:00      0.00    1.00        0.00
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34.17	0.00	0.00	0	Calculated					
Link-294		CONDUIT	0	00:00	0.00	1.00	0.00		
17.10	0.00	0.00	0	Calculated					
Link-295		CONDUIT	0	00:00	0.00	1.00	0.00		
4.99	0.00	0.00	0	Calculated					
Link-296		CONDUIT	0	01:07	5.25	1.00	5.92		
5.47	1.08	1.00	84	SURCHARGED					
Link-296·1		CONDUIT	0	03:25	0.62	1.00	0.01		
12.59	0.00	0.02	0	Calculated					
Link-298		CONDUIT	0	01:47	7.12	1.00	3.34		
15.83	0.21	0.31	0	Calculated					
Link-298·4		CONDUIT	0	00:00	0.00	1.00	0.00		
5.75	0.00	0.00	0	Calculated					
Link-299		CONDUIT	0	03:35	0.97	1.00	0.04		
5.75	0.01	0.06	0	Calculated					
Link-299·4		CONDUIT	0	00:56	4.56	1.00	16.97		
31.66	0.54	0.52	0	Calculated					
Link-300		CONDUIT	0	00:55	11.14	1.00	4.27		
26.96	0.16	0.27	0	Calculated					
Link-300·4		CONDUIT	0	00:55	>50.00	1.00	3.17		
460.48	0.01	0.06	0	Calculated					
Link-300·5		CONDUIT	0	01:16	7.89	1.00	4.27		
16.64	0.26	0.35	0	Calculated					
Link-301·4		CONDUIT	0	00:56	4.23	1.00	3.17		
4.99	0.64	0.58	0	Calculated					
Link-302		CONDUIT	0	02:02	4.45	1.00	16.31		
19.48	0.84	0.70	0	Calculated					
Link-303		CONDUIT	0	01:00	4.67	1.00	2.85		
9.41	0.30	0.38	0	Calculated					
Link-304		CONDUIT	0	01:02	3.37	1.00	2.84		
4.99	0.57	0.54	0	Calculated					
Link-305		CONDUIT	0	00:00	0.00	1.00	0.00		
10.34	0.00	0.00	0	Calculated					
Link-305·4		CONDUIT	0	01:01	2.43	1.00	1.43		
4.99	0.29	0.37	0	Calculated					
Link-306		CONDUIT	0	01:28	5.19	1.00	3.08		
6.39	0.48	0.49	0	Calculated					
Link-306·1		CONDUIT	0	00:00	0.00	1.00	0.00		
21.31	0.00	0.00	0	Calculated					
Link-306·4		CONDUIT	0	01:00	>50.00	1.00	1.43		
703.68	0.00	0.03	0	Calculated					
Link-307		CONDUIT	0	00:00	0.00	1.00	0.00		
15.15	0.00	0.00	0	Calculated					
Link-307·4		CONDUIT	0	01:02	9.01	1.00	7.68		
35.44	0.22	0.32	0	Calculated					
Link-308		CONDUIT	0	00:50	8.06	1.00	4.68		
10.08	0.46	0.48	0	Calculated					
Link-308·1		CONDUIT	0	00:57	5.30	1.00	20.10		
36.66	0.55	0.53	0	Calculated					
Link-309		CONDUIT	0	00:00	0.00	1.00	0.00		

16.66 0.00 0.00 0 Calculated
Link-309·4 CONDUIT 0 01:37 6.12 1.00 57.22
68.19 0.84 0.70 0 Calculated
Link-310 CONDUIT 0 02:20 8.49 1.00 13.85
13.21 1.05 0.94 0 > CAPACITY
Link-311 CONDUIT 0 01:00 9.42 1.00 3.15
24.04 0.13 0.24 0 Calculated
Link-312 CONDUIT 0 01:00 >50.00 1.00 3.15
520.12 0.01 0.06 0 Calculated
Link-313 CONDUIT 0 03:25 0.94 1.00 0.04
6.05 0.01 0.06 0 Calculated
Link-313·4 CONDUIT 0 02:03 8.18 1.00 37.31
34.69 1.08 1.00 45 SURCHARGED
Link-314 CONDUIT 0 01:17 13.03 1.00 47.34
57.19 0.83 0.69 0 Calculated
Link-315 CONDUIT 0 01:18 14.76 1.00 47.30
66.41 0.71 0.62 0 Calculated
Link-316 CONDUIT 0 01:19 17.85 1.00 47.40
85.09 0.56 0.53 0 Calculated
Link-316·5 CONDUIT 0 01:35 1.22 1.00 0.03
12.39 0.00 0.04 0 Calculated
Link-317 CONDUIT 0 00:00 0.00 1.00 0.00
5.82 0.00 0.00 0 Calculated
Link-317·1 CONDUIT 0 01:19 14.97 1.00 51.51
66.53 0.77 0.66 0 Calculated
Link-318 CONDUIT 0 01:20 11.60 1.00 51.97
76.27 0.68 0.61 0 Calculated
Link-318·5 CONDUIT 0 01:29 2.32 1.00 0.32
19.30 0.02 0.09 0 Calculated
Link-319 CONDUIT 0 01:26 6.64 1.00 59.38
55.18 1.08 1.00 5 SURCHARGED
Link-320 CONDUIT 0 00:00 0.00 1.00 0.00
5.00 0.00 0.00 0 Calculated
Link-320·1 CONDUIT 0 01:36 6.69 1.00 58.42
55.18 1.06 0.92 0 > CAPACITY
Link-321 CONDUIT 0 01:49 4.46 1.00 16.41
19.51 0.84 0.70 0 Calculated
Link-323 CONDUIT 0 03:36 1.60 1.00 0.22
5.76 0.04 0.13 0 Calculated
Link-324 CONDUIT 0 03:38 3.77 1.00 0.52
31.97 0.02 0.09 0 Calculated
Link-325 CONDUIT 0 03:39 4.51 1.00 0.52
41.15 0.01 0.08 0 Calculated
Link-328 CONDUIT 0 03:26 1.52 1.00 0.20
5.75 0.03 0.13 0 Calculated
Link-329·4 CONDUIT 0 00:00 0.00 1.00 0.00
5.75 0.00 0.00 0 Calculated
Link-33 CONDUIT 0 02:16 2.21 1.00 0.62
0.57 1.08 1.00 110 SURCHARGED
Link-330 CONDUIT 0 00:00 0.00 1.00 0.00

17.11	0.00	0.00	0	Calculated					
Link-332		CONDUIT	0	01:37	13.71	1.00	16.51		
87.79	0.19	0.29	0	Calculated					
Link-334		CONDUIT	0	01:15	>50.00	1.00	4.27		
340.46	0.01	0.08	0	Calculated					
Link-335		CONDUIT	0	01:15	5.90	1.00	4.27		
11.09	0.38	0.43	0	Calculated					
Link-337		CONDUIT	0	00:59	6.56	1.00	4.22		
12.97	0.33	0.39	0	Calculated					
Link-337·5		CONDUIT	0	01:35	7.68	1.00	11.85		
24.27	0.49	0.49	0	Calculated					
Link-338		CONDUIT	0	01:28	4.56	1.00	5.46		
7.28	0.75	0.65	0	Calculated					
Link-338·1		CONDUIT	0	01:17	7.65	1.00	4.27		
15.96	0.27	0.35	0	Calculated					
Link-339		CONDUIT	0	01:19	3.95	1.00	2.91		
7.28	0.40	0.44	0	Calculated					
Link-339·1		CONDUIT	0	01:32	7.65	1.00	15.33		
22.29	0.69	0.61	0	Calculated					
Link-340		CONDUIT	0	01:32	4.72	1.00	15.33		
21.32	0.72	0.63	0	Calculated					
Link-342		CONDUIT	0	01:29	5.15	1.00	3.06		
10.46	0.29	0.37	0	Calculated					
Link-342·1		CONDUIT	0	01:12	4.70	1.00	7.76		
14.55	0.53	0.52	0	Calculated					
Link-342·5		CONDUIT	0	02:25	2.92	1.00	0.36		
11.28	0.03	0.12	0	Calculated					
Link-343		CONDUIT	0	00:54	4.09	1.00	2.08		
8.72	0.24	0.33	0	Calculated					
Link-343·1		CONDUIT	0	01:14	14.51	1.00	7.75		
68.91	0.11	0.23	0	Calculated					
Link-343·5		CONDUIT	0	00:00	0.00	1.00	0.00		
420.54	0.00	0.00	0	Calculated					
Link-344		CONDUIT	0	03:26	2.38	1.00	0.04		
22.84	0.00	0.03	0	Calculated					
Link-346		CONDUIT	0	01:30	14.31	1.00	3.56		
41.33	0.09	0.20	0	Calculated					
Link-346·5		CONDUIT	0	01:31	3.39	1.00	0.04		
28.73	0.00	0.03	0	Calculated					
Link-347		CONDUIT	0	00:00	0.00	1.00	0.00		
14.09	0.00	0.00	0	Calculated					
Link-347·5		CONDUIT	0	00:00	0.00	1.00	0.00		
38.57	0.00	0.00	0	Calculated					
Link-348		CONDUIT	0	01:30	3.92	1.00	0.04		
25.14	0.00	0.03	0	Calculated					
Link-349		CONDUIT	0	00:00	0.00	1.00	0.00		
17.90	0.00	0.00	0	Calculated					
Link-349·5		CONDUIT	0	01:36	7.30	1.00	0.85		
28.80	0.03	0.12	0	Calculated					
Link-351		CONDUIT	0	00:00	0.00	1.00	0.00		

12.73	0.00	0.00	0	Calculated					
Link-352		CONDUIT	0	01:26	5.44	1.00	0.62		
21.71	0.03	0.12	0	Calculated					
Link-353		CONDUIT	0	01:48	10.46	1.00	20.91		
30.54	0.68	0.61	0	Calculated					
Link-354		CONDUIT	0	00:00	0.00	1.00	0.00		
10.55	0.00	0.00	0	Calculated					
Link-355		CONDUIT	0	01:48	4.51	1.00	1.28		
12.29	0.10	0.22	0	Calculated					
Link-355·1		CONDUIT	0	00:00	0.00	1.00	0.00		
49.19	0.00	0.00	0	Calculated					
Link-355·5		CONDUIT	0	01:25	2.65	1.00	0.32		
10.20	0.03	0.12	0	Calculated					
Link-356		CONDUIT	0	01:05	3.50	1.00	1.92		
7.28	0.26	0.35	0	Calculated					
Link-356·1		CONDUIT	0	01:05	5.45	1.00	0.76		
12.49	0.06	0.17	0	Calculated					
Link-357		CONDUIT	0	01:51	10.52	1.00	1.86		
35.08	0.05	0.16	0	Calculated					
Link-358		CONDUIT	0	01:11	11.76	1.00	17.49		
177.55	0.10	0.21	0	Calculated					
Link-358·2		CONDUIT	0	00:00	0.00	1.00	0.00		
12.41	0.00	0.00	0	Calculated					
Link-358·5		CONDUIT	0	01:55	8.47	1.00	0.62		
23.05	0.03	0.11	0	Calculated					
Link-359		CONDUIT	0	01:07	6.65	1.00	4.27		
13.10	0.33	0.39	0	Calculated					
Link-361		CONDUIT	0	01:31	6.12	1.00	3.55		
53.20	0.07	0.18	0	Calculated					
Link-361·5		CONDUIT	0	00:56	10.14	1.00	2.17		
26.62	0.08	0.19	0	Calculated					
Link-363		CONDUIT	0	00:56	17.15	1.00	12.28		
32.63	0.38	0.43	0	Calculated					
Link-364		CONDUIT	0	01:26	9.35	1.00	2.22		
27.47	0.08	0.19	0	Calculated					
Link-365		CONDUIT	0	00:55	6.50	1.00	13.65		
55.44	0.25	0.34	0	Calculated					
Link-365·5		CONDUIT	0	01:27	8.38	1.00	2.22		
23.49	0.09	0.21	0	Calculated					
Link-366		CONDUIT	0	00:00	0.00	1.00	0.00		
13.39	0.00	0.00	0	Calculated					
Link-367		CONDUIT	0	01:48	15.82	1.00	7.15		
80.03	0.09	0.20	0	Calculated					
Link-367·5		CONDUIT	0	00:00	0.00	1.00	0.00		
20.80	0.00	0.00	0	Calculated					
Link-368		CONDUIT	0	01:37	3.13	1.00	0.85		
8.67	0.10	0.21	0	Calculated					
Link-369		CONDUIT	0	00:00	0.00	1.00	0.00		
12.46	0.00	0.00	0	Calculated					
Link-371		CONDUIT	0	01:07	5.96	1.00	32.36		

55.11	0.59	0.55	0	Calculated					
Link-371·1		CONDUIT	0	01:13	5.58	1.00	7.75		
18.26	0.42	0.45	0	Calculated					
Link-371·2		CONDUIT	0	01:55	3.59	1.00	1.53		
8.31	0.18	0.29	0	Calculated					
Link-377		CONDUIT	0	01:42	10.23	1.00	3.51		
58.43	0.06	0.17	0	Calculated					
Link-379		CONDUIT	0	01:12	8.50	1.00	2.27		
53.61	0.04	0.14	0	Calculated					
Link-380		CONDUIT	0	01:10	5.00	1.00	2.27		
25.30	0.09	0.20	0	Calculated					
Link-385		CONDUIT	0	01:03	3.22	1.00	4.70		
4.99	0.94	0.77	0	Calculated					
Link-386		CONDUIT	0	00:57	4.66	1.00	19.74		
93.35	0.21	0.31	0	Calculated					
Link-386·1		CONDUIT	0	01:10	16.40	1.00	13.08		
30.00	0.44	0.46	0	Calculated					
Link-387		CONDUIT	0	00:47	5.45	1.00	2.78		
26.32	0.11	0.22	0	Calculated					
Link-387·1		CONDUIT	0	01:05	7.67	1.00	4.61		
15.51	0.30	0.37	0	Calculated					
Link-391		CONDUIT	0	00:55	4.44	1.00	1.70		
10.74	0.16	0.27	0	Calculated					
Link-391·1		CONDUIT	0	01:38	4.70	1.00	3.52		
35.96	0.10	0.21	0	Calculated					
Link-392		CONDUIT	0	01:01	4.53	1.00	1.93		
10.50	0.18	0.29	0	Calculated					
Link-392·1		CONDUIT	0	03:29	1.44	1.00	0.20		
22.47	0.01	0.07	0	Calculated					
Link-393		CONDUIT	0	01:30	3.34	1.00	3.55		
22.47	0.16	0.27	0	Calculated					
Link-395		CONDUIT	0	01:08	4.33	1.00	3.43		
17.51	0.20	0.30	0	Calculated					
Link-395·1		CONDUIT	0	00:00	0.00	1.00	0.00		
11.33	0.00	0.00	0	Calculated					
Link-396		CONDUIT	0	01:48	7.56	1.00	3.34		
17.27	0.19	0.30	0	Calculated					
Link-397		CONDUIT	0	01:30	>50.00	1.00	0.68		
513.05	0.00	0.03	0	Calculated					
Link-397·2		CONDUIT	0	03:25	1.87	1.00	0.20		
7.58	0.03	0.11	0	Calculated					
Link-398		CONDUIT	0	00:00	0.00	1.00	0.00		
5.41	0.00	0.00	0	Calculated					
Link-398·2		CONDUIT	0	01:38	3.06	1.00	3.52		
4.99	0.71	0.62	0	Calculated					
Link-40		CONDUIT	0	01:12	5.08	1.00	17.48		
55.11	0.32	0.39	0	Calculated					
Link-400·2		CONDUIT	0	03:20	1.48	1.00	0.24		
4.99	0.05	0.15	0	Calculated					
Link-401		CONDUIT	0	01:14	5.28	1.00	7.75		

16.97	0.46	0.47	0	Calculated							
Link-401·2		CONDUIT	0	03:23	1.48	1.00	0.23				
5.00	0.05	0.15	0	Calculated							
Link-402		CONDUIT	0	03:24	2.82	1.00	0.23				
12.70	0.02	0.09	0	Calculated							
Link-403		CONDUIT	0	00:57	14.68	1.00	6.32				
33.94	0.19	0.29	0	Calculated							
Link-403·1		CONDUIT	0	01:35	2.35	1.00	0.78				
6.04	0.13	0.24	0	Calculated							
Link-403·2		CONDUIT	0	03:25	1.45	1.00	0.23				
4.99	0.05	0.15	0	Calculated							
Link-404		CONDUIT	0	01:12	6.34	1.00	7.76				
10.07	0.77	0.66	0	Calculated							
Link-405		CONDUIT	0	01:05	>50.00	1.00	7.37				
250.74	0.03	0.12	0	Calculated							
Link-405·2		CONDUIT	0	01:36	6.98	1.00	2.55				
17.21	0.15	0.26	0	Calculated							
Link-406		CONDUIT	0	00:00	0.00	1.00	0.00				
145.92	0.00	0.00	0	Calculated							
Link-408		CONDUIT	0	01:11	3.92	1.00	0.81				
4.99	0.16	0.27	0	Calculated							
Link-409		CONDUIT	0	01:49	8.26	1.00	20.91				
22.90	0.91	0.75	0	Calculated							
Link-409·1		CONDUIT	0	01:05	>50.00	1.00	1.06				
494.00	0.00	0.03	0	Calculated							
Link-410		CONDUIT	0	00:55	6.60	1.00	7.33				
23.40	0.31	0.38	0	Calculated							
Link-410·1		CONDUIT	0	01:05	5.03	1.00	3.34				
9.83	0.34	0.40	0	Calculated							
Link-410·2		CONDUIT	0	00:00	0.00	1.00	0.00				
7.03	0.00	0.00	0	Calculated							
Link-411		CONDUIT	0	00:56	5.51	1.00	9.74				
16.64	0.59	0.55	0	Calculated							
Link-411·1		CONDUIT	0	01:06	6.62	1.00	5.47				
11.96	0.46	0.47	0	Calculated							
Link-412		CONDUIT	0	01:06	3.22	1.00	2.15				
6.28	0.34	0.40	0	Calculated							
Link-413		CONDUIT	0	00:00	0.00	1.00	0.00				
388.13	0.00	0.00	0	Calculated							
Link-414		CONDUIT	0	00:00	0.00	1.00	0.00				
4.99	0.00	0.00	0	Calculated							
Link-415		CONDUIT	0	00:59	4.98	1.00	4.22				
8.83	0.48	0.49	0	Calculated							
Link-415·2		CHANNEL	0	01:11	2.57	1.00	10.46				
1852.24	0.01	0.03	0	Calculated							
Link-418		CONDUIT	0	01:14	8.01	1.00	8.20				
29.34	0.28	0.36	0	Calculated							
Link-419		CONDUIT	0	04:10	6.64	1.00	18.81				
17.90	1.05	0.94	0	> CAPACITY							
Link-42		CONDUIT	0	03:20	0.76	1.00	0.01				

0.76 0.01 0.08 0 Calculated
Link-421 CONDUIT 0 01:14 8.81 1.00 32.70
61.21 0.53 0.52 0 Calculated
Link-422 CONDUIT 0 01:23 8.05 1.00 18.30
22.25 0.82 0.69 0 Calculated
Link-422·1 CONDUIT 0 01:07 4.97 1.00 5.34
8.22 0.65 0.59 0 Calculated
Link-423 CONDUIT 0 01:14 4.32 1.00 3.40
17.51 0.19 0.30 0 Calculated
Link-423·1 CONDUIT 0 01:48 7.66 1.00 20.91
21.11 0.99 0.81 0 Calculated
Link-423·2 CONDUIT 0 01:29 3.40 1.00 5.56
5.14 1.08 1.00 44 SURCHARGED
Link-424 CONDUIT 0 00:56 6.09 1.00 6.14
22.46 0.27 0.36 0 Calculated
Link-42421 CONDUIT 0 01:22 7.39 1.00 7.32
12.56 0.58 0.55 0 Calculated
Link-424-32 CONDUIT 0 01:29 6.80 1.00 5.52
12.02 0.46 0.48 0 Calculated
Link-425 CONDUIT 0 00:55 >50.00 1.00 9.61
484.37 0.02 0.10 0 Calculated
Link-428 CONDUIT 0 01:45 4.37 1.00 1.28
26.49 0.05 0.15 0 Calculated
Link-428·1 CONDUIT 0 01:43 3.31 1.00 2.71
13.03 0.21 0.31 0 Calculated
Link-428·2 CONDUIT 0 00:00 0.00 1.00 0.00
4.99 0.00 0.00 0 Calculated
Link-429 CONDUIT 0 01:10 5.08 1.00 17.50
55.11 0.32 0.39 0 Calculated
Link-429·2 CONDUIT 0 00:00 0.00 1.00 0.00
19.07 0.00 0.00 0 Calculated
Link-43 CONDUIT 0 00:49 5.73 1.00 14.95
15.77 0.95 0.78 0 Calculated
Link-43·1 CONDUIT 0 01:10 17.13 1.00 17.51
28.92 0.61 0.56 0 Calculated
Link-43·2 CONDUIT 0 02:13 2.04 1.00 0.62
0.57 1.08 1.00 93 SURCHARGED
Link-430 CONDUIT 0 01:11 5.17 1.00 17.49
56.37 0.31 0.38 0 Calculated
Link-431 CONDUIT 0 01:08 4.36 1.00 3.43
17.54 0.20 0.30 0 Calculated
Link-431·1 CONDUIT 0 00:00 0.00 1.00 0.00
4.99 0.00 0.00 0 Calculated
Link-432 CONDUIT 0 01:12 3.57 1.00 3.42
13.25 0.26 0.35 0 Calculated
Link-432·1 CONDUIT 0 00:00 0.00 1.00 0.00
5.24 0.00 0.00 0 Calculated
Link-433 CONDUIT 0 03:17 1.47 1.00 0.24
5.01 0.05 0.15 0 Calculated
Link-434 CONDUIT 0 00:56 3.21 1.00 4.72

4.99	0.95	0.78		0	Calculated				
Link-434·2		CONDUIT		0	03:26	1.48	1.00		0.23
4.99	0.05	0.15		0	Calculated				
Link-435		CONDUIT		0	01:01	3.22	1.00		4.70
4.99	0.94	0.77		0	Calculated				
Link-435·2		CONDUIT		0	03:34	3.05	1.00		0.22
11.25	0.02	0.09		0	Calculated				
Link-437		CONDUIT		0	02:09	4.48	1.00		1.55
47.00	0.03	0.12		0	Calculated				
Link-438		CONDUIT		0	01:04	3.08	1.00		4.69
93.35	0.05	0.15		0	Calculated				
Link-438·2		CONDUIT		0	01:42	3.08	1.00		3.51
5.04	0.70	0.61		0	Calculated				
Link-439		CONDUIT		0	00:55	5.94	1.00		13.11
30.15	0.44	0.46		0	Calculated				
Link-440		CONDUIT		0	00:55	5.92	1.00		9.37
34.03	0.28	0.36		0	Calculated				
Link-440·1		CONDUIT		0	01:45	8.24	1.00		2.71
47.80	0.06	0.16		0	Calculated				
Link-441		CONDUIT		0	01:29	3.07	1.00		2.59
22.47	0.12	0.23		0	Calculated				
Link-441·1		CONDUIT		0	00:00	0.00	1.00		0.00
497.87	0.00	0.00		0	Calculated				
Link-441·2		CONDUIT		0	01:54	2.65	1.00		1.53
5.32	0.29	0.37		0	Calculated				
Link-442		CONDUIT		0	01:36	1.36	1.00		0.18
4.99	0.04	0.13		0	Calculated				
Link-442·2		CONDUIT		0	02:00	2.50	1.00		1.53
4.99	0.31	0.38		0	Calculated				
Link-444		CONDUIT		0	01:14	10.92	1.00		24.60
30.90	0.80	0.67		0	Calculated				
Link-446		CONDUIT		0	01:00	10.14	1.00		21.48
29.05	0.74	0.64		0	Calculated				
Link-446·1		CONDUIT		0	01:13	9.29	1.00		13.05
14.49	0.90	0.74		0	Calculated				
Link-446·2		CONDUIT		0	00:00	0.00	1.00		0.00
4.99	0.00	0.00		0	Calculated				
Link-447		CONDUIT		0	00:54	5.40	1.00		21.75
55.11	0.39	0.44		0	Calculated				
Link-447·1		CONDUIT		0	01:12	8.88	1.00		13.05
13.72	0.95	0.78		0	Calculated				
Link-447·2		CONDUIT		0	00:00	0.00	1.00		0.00
8.16	0.00	0.00		0	Calculated				
Link-448		CONDUIT		0	01:14	6.74	1.00		13.04
19.85	0.66	0.59		0	Calculated				
Link-448·2		CONDUIT		0	00:00	0.00	1.00		0.00
4.99	0.00	0.00		0	Calculated				
Link-449		CONDUIT		0	01:05	6.34	1.00		5.35
11.39	0.47	0.48		0	Calculated				
Link-450		CONDUIT		0	00:00	0.00	1.00		0.00

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22.80      0.00      0.00           0  Calculated
  Link-451              CONDUIT      0  00:00      0.00    1.00        0.00
11.99      0.00      0.00           0  Calculated
  Link-451·2            CONDUIT      0  01:47      4.44    1.00        7.19
6.69      1.07      0.92           0  > CAPACITY
  Link-452              CONDUIT      0  00:00      0.00    1.00        0.00
17.97      0.00      0.00           0  Calculated
  Link-452·2            CONDUIT      0  01:45      3.23    1.00        0.14
4.99      0.03      0.11           0  Calculated
  Link-453              CONDUIT      0  01:06      5.96    1.00       32.38
55.11      0.59      0.55           0  Calculated
  Link-453·1            CONDUIT      0  01:45      4.65    1.00        0.14
33.87      0.00      0.05           0  Calculated
  Link-454              CONDUIT      0  01:08      5.96    1.00       32.34
55.11      0.59      0.55           0  Calculated
  Link-454·2            CONDUIT      0  00:00      0.00    1.00        0.00
33.97      0.00      0.00           0  Calculated
  Link-455·2            CONDUIT      0  01:10     13.01    1.00       10.47
23.73      0.44      0.46           0  Calculated
  Link-456              CONDUIT      0  01:12      7.68    1.00       17.48
97.91      0.18      0.29           0  Calculated
  Link-456·2            CONDUIT      0  03:17      2.15    1.00        0.92
5.00      0.18      0.29           0  Calculated
  Link-457              CONDUIT      0  01:14     18.84    1.00       26.65
61.36      0.43      0.46           0  Calculated
  Link-457·2            CONDUIT      0  00:00      0.00    1.00        0.00
12.21      0.00      0.00           0  Calculated
  Link-458              CONDUIT      0  01:20    >50.00    1.00        6.62
410.48      0.02      0.09           0  Calculated
  Link-459              CONDUIT      0  01:47      5.56    1.00        3.49
10.97      0.32      0.39           0  Calculated
  Link-460              CONDUIT      0  01:26      6.12    1.00        2.19
8.48      0.26      0.35           0  Calculated
  Link-462              CONDUIT      0  01:08      5.95    1.00       32.34
55.11      0.59      0.55           0  Calculated
  Link-462·1            CONDUIT      0  01:45      2.50    1.00        1.57
4.99      0.31      0.39           0  Calculated
  Link-463              CONDUIT      0  00:00      0.00    1.00        0.00
12.39      0.00      0.00           0  Calculated
  Link-465              CONDUIT      0  00:00      0.00    1.00        0.00
4.99      0.00      0.00           0  Calculated
  Link-468              CONDUIT      0  00:00      0.00    1.00        0.00
14.42      0.00      0.00           0  Calculated
  Link-472              CHANNEL      0  01:11      2.57    1.00       10.46
1852.24      0.01      0.03           0  Calculated
  Link-473              CONDUIT      0  01:13      5.08    1.00       17.47
55.11      0.32      0.39           0  Calculated
  Link-473·1            CONDUIT      0  01:52      3.08    1.00        3.47
4.99      0.70      0.61           0  Calculated
  Link-477              CONDUIT      0  01:48      6.52    1.00        1.97
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16.66	0.12	0.23	0	Calculated				
Link-479		CONDUIT	0	00:47	6.89	1.00		3.31
15.23	0.22	0.32	0	Calculated				
Link-484		CONDUIT	0	01:19	4.12	1.00		1.27
10.81	0.12	0.23	0	Calculated				
Link-486		CONDUIT	0	00:53	4.59	1.00		2.78
9.25	0.30	0.38	0	Calculated				
Link-491		CONDUIT	0	01:44	3.45	1.00		0.79
22.96	0.03	0.13	0	Calculated				
Link-494		CONDUIT	0	01:12	3.78	1.00		5.12
12.40	0.41	0.45	0	Calculated				
Link-497		CONDUIT	0	00:53	>50.00	1.00		1.28
426.91	0.00	0.04	0	Calculated				
Link-500		CONDUIT	0	01:28	4.05	1.00		5.45
6.37	0.86	0.71	0	Calculated				
Link-501		CONDUIT	0	02:06	3.29	1.00		2.26
6.32	0.36	0.41	0	Calculated				
Link-504		CONDUIT	0	00:55	3.64	1.00		2.06
10.02	0.21	0.31	0	Calculated				
Link-505		CONDUIT	0	00:51	3.85	1.00		3.51
6.73	0.52	0.51	0	Calculated				
Link-506		CONDUIT	0	03:55	2.55	1.00		0.78
0.73	1.07	1.00	212	SURCHARGED				
Link-507		CONDUIT	0	03:57	2.58	1.00		0.78
0.72	1.08	0.92	0	> CAPACITY				
Link-508		CONDUIT	0	00:55	4.54	1.00		17.98
93.35	0.19	0.30	0	Calculated				
Link-509		CONDUIT	0	00:50	4.73	1.00		2.94
9.44	0.31	0.38	0	Calculated				
Link-509·1		CONDUIT	0	01:25	2.72	1.00		0.80
7.10	0.11	0.23	0	Calculated				
Link-510		CONDUIT	0	00:52	3.04	1.00		2.18
4.99	0.44	0.46	0	Calculated				
Link-510·1		CONDUIT	0	00:00	0.00	1.00		0.00
4.99	0.00	0.00	0	Calculated				
Link-511		CONDUIT	0	00:57	5.04	1.00		11.91
102.81	0.12	0.23	0	Calculated				
Link-512		CONDUIT	0	01:13	5.37	1.00		32.18
93.35	0.34	0.40	0	Calculated				
Link-514		CONDUIT	0	01:29	2.81	1.00		3.08
93.35	0.03	0.12	0	Calculated				
Link-514·1		CONDUIT	0	02:04	1.12	1.00		0.07
5.59	0.01	0.08	0	Calculated				
Link-516		CONDUIT	0	00:59	4.67	1.00		19.68
93.35	0.21	0.31	0	Calculated				
Link-518		CONDUIT	0	00:56	5.01	1.00		25.48
93.35	0.27	0.36	0	Calculated				
Link-519		CONDUIT	0	00:57	3.94	1.00		6.31
22.47	0.28	0.36	0	Calculated				
Link-519·1		CONDUIT	0	01:34	2.54	1.00		0.78

6.57	0.12	0.23	0	Calculated				
Link-52		CONDUIT	0	00:00	0.00	1.00	0.00	
0.66	0.00	0.00	0	Calculated				
Link-520		CONDUIT	0	00:55	5.86	1.00	3.83	
11.52	0.33	0.40	0	Calculated				
Link-521		DIRECT	0	00:55			11.98	
Link-522		DIRECT	0	00:55			35.95	
Link-523		DIRECT	0	00:55			17.98	
Link-524		DIRECT	0	00:55			17.98	
Link-525		CONDUIT	0	02:52	4.25	1.00	11.60	
10.74	1.08	1.00	77	SURCHARGED				
Link-526		CONDUIT	0	01:25	2.84	1.00	1.28	
4.99	0.26	0.34	0	Calculated				
Link-530		CONDUIT	0	01:24	9.31	1.00	8.45	
16.19	0.52	0.51	0	Calculated				
Link-531		CONDUIT	0	00:52	3.78	1.00	2.79	
4.99	0.56	0.53	0	Calculated				
Link-532		CONDUIT	0	00:52	3.40	1.00	2.10	
6.72	0.31	0.38	0	Calculated				
Link-533		CONDUIT	0	00:53	3.38	1.00	6.31	
93.35	0.07	0.18	0	Calculated				
Link-534		CONDUIT	0	00:53	5.01	1.00	3.14	
221.61	0.01	0.08	0	Calculated				
Link-535		CONDUIT	0	01:27	2.76	1.00	3.08	
93.35	0.03	0.12	0	Calculated				
Link-536		CONDUIT	0	00:47	3.73	1.00	2.94	
4.99	0.59	0.55	0	Calculated				
Link-537		DIRECT	0	00:45			8.87	
Link-538		CONDUIT	0	00:45	6.06	1.00	2.22	
14.92	0.15	0.26	0	Calculated				
Link-54		CONDUIT	0	01:57	4.47	1.00	16.34	
19.62	0.83	0.70	0	Calculated				
Link-540		CONDUIT	0	00:46	4.65	1.00	6.64	
7.24	0.92	0.75	0	Calculated				
Link-541		CONDUIT	0	00:47	5.67	1.00	3.31	
11.60	0.29	0.37	0	Calculated				
Link-543		CONDUIT	0	00:50	6.23	1.00	4.68	
11.63	0.40	0.44	0	Calculated				
Link-544		DIRECT	0	00:50			14.05	
Link-544·1		CONDUIT	0	00:00	0.00	1.00	0.00	
26.39	0.00	0.00	0	Calculated				
Link-546		CONDUIT	0	00:32	3.39	1.00	5.39	
4.99	1.08	1.00	52	SURCHARGED				
Link-546·1		CONDUIT	0	02:15	5.45	1.00	0.62	
21.39	0.03	0.12	0	Calculated				
Link-547		CONDUIT	0	00:50	5.51	1.00	3.51	
10.94	0.32	0.39	0	Calculated				
Link-549		CONDUIT	0	00:33	5.66	1.00	2.65	
12.29	0.22	0.31	0	Calculated				
Link-550		CONDUIT	0	00:51	6.93	1.00	2.27	

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11.73      0.19      0.30          0  Calculated
  Link-551             CONDUIT      0  00:51      5.01    1.00        6.83
7.85      0.87      0.72          0  Calculated
  Link-552             CONDUIT      0  00:54      3.18    1.00        1.70
4.99      0.34      0.40          0  Calculated
  Link-553             CONDUIT      0  00:52      3.58    1.00        5.11
5.57      0.92      0.76          0  Calculated
  Link-554             CONDUIT      0  00:53      3.12    1.00        3.83
4.99      0.77      0.66          0  Calculated
  Link-555             CONDUIT      0  00:53      2.68    1.00        1.28
5.93      0.22      0.32          0  Calculated
  Link-556             CONDUIT      0  01:16      5.53    1.00        0.40
18.42      0.02      0.10          0  Calculated
  Link-557             CONDUIT      0  01:15      3.18    1.00        1.20
7.74      0.16      0.27          0  Calculated
  Link-558             CONDUIT      0  01:17      2.05    1.00        0.60
5.52      0.11      0.22          0  Calculated
  Link-559             CONDUIT      0  01:17      4.39    1.00        0.60
16.27      0.04      0.13          0  Calculated
  Link-56              CONDUIT      0  00:00      0.00    1.00        0.00
1.95      0.00      0.00          0  Calculated
  Link-560             DIRECT       0  00:45                          6.08
  Link-561             DIRECT       0  00:45                         18.24
  Link-562             CONDUIT      0  00:46      5.28    1.00        4.55
8.47      0.54      0.52          0  Calculated
  Link-563             DIRECT       0  00:45                         13.68
  Link-564             CONDUIT      0  00:45      4.06    1.00        6.55
6.14      1.07      0.95          0  > CAPACITY
  Link-565             DIRECT       0  00:45                          6.84
  Link-566             CONDUIT      0  01:05      8.05    1.00        3.45
18.62      0.19      0.29          0  Calculated
  Link-567             CONDUIT      0  01:05     15.83    1.00       10.35
129.71      0.08      0.19          0  Calculated
  Link-568             CONDUIT      0  01:05     30.61    1.00        5.18
449.32      0.01      0.08          0  Calculated
  Link-57              CONDUIT      0  01:16     11.44    1.00       11.60
18.87      0.62      0.57          0  Calculated
  Link-57·4            CONDUIT      0  01:54      4.47    1.00       16.36
19.63      0.83      0.70          0  Calculated
  Link-572             CONDUIT      0  01:05      3.72    1.00        5.17
22.47      0.23      0.33          0  Calculated
  Link-573             CONDUIT      0  00:00      0.00    1.00        0.00
4.99      0.00      0.00          0  Calculated
  Link-573·1           CHANNEL      0  01:12      4.07    1.00       10.45
3965.34      0.00      0.02          0  Calculated
  Link-574             CONDUIT      0  03:10     21.83    1.00        0.21
256.17      0.00      0.02          0  Calculated
  Link-575·1           CONDUIT      0  00:00      0.00    1.00        0.00
10.36      0.00      0.00          0  Calculated
  Link-576             CONDUIT      0  03:21      1.52    1.00        0.24
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4.99      0.05      0.15           0  Calculated
  Link-577            CONDUIT      0  00:00      0.00    1.00        0.00
9.72      0.00      0.00           0  Calculated
  Link-578            CONDUIT      0  03:23      1.83    1.00        0.24
6.79      0.04      0.13           0  Calculated
  Link-579            CONDUIT      0  00:00      0.00    1.00        0.00
4.99      0.00      0.00           0  Calculated
  Link-58             CONDUIT      0  01:23      7.65    1.00       12.27
11.60      1.06      0.93          0  > CAPACITY
  Link-58·2           CONDUIT      0  02:13      6.53    1.00        0.62
8.92      0.07      0.18           0  Calculated
  Link-580            CONDUIT      0  03:28      1.55    1.00        0.24
4.99      0.05      0.15           0  Calculated
  Link-581            CONDUIT      0  00:00      0.00    1.00        0.00
11.19      0.00      0.00          0  Calculated
  Link-582            CONDUIT      0  03:30      1.47    1.00        0.24
4.99      0.05      0.15           0  Calculated
  Link-583            CONDUIT      0  00:00      0.00    1.00        0.00
9.86      0.00      0.00           0  Calculated
  Link-584            CONDUIT      0  03:40      1.92    1.00        0.24
6.79      0.04      0.13           0  Calculated
  Link-585            DIRECT       0  00:40                         14.83
  Link-586            CONDUIT      0  00:41      8.10    1.00        4.93
16.35      0.30      0.38          0  Calculated
  Link-586·1          CONDUIT      0  01:30     12.15    1.00        5.51
61.49      0.09      0.20          0  Calculated
  Link-587            CONDUIT      0  00:45      7.22    1.00       11.45
10.98      1.04      0.91          0  > CAPACITY
  Link-588            CONDUIT      0  00:45      4.37    1.00        3.68
4.99      0.74      0.64           0  Calculated
  Link-588·1          CONDUIT      0  01:16      4.21    1.00        0.87
16.78      0.05      0.15          0  Calculated
  Link-589            CONDUIT      0  00:45      3.15    1.00        2.80
4.99      0.56      0.53           0  Calculated
  Link-59             CONDUIT      0  01:02     36.22    1.00      131.98
553.87      0.24      0.33          0  Calculated
  Link-590            CONDUIT      0  00:48      5.00    1.00        8.10
7.59      1.07      1.00           3  SURCHARGED
  Link-591            CONDUIT      0  00:45      5.07    1.00        4.02
6.77      0.59      0.55           0  Calculated
  Link-592            CONDUIT      0  00:49      4.24    1.00        4.01
7.29      0.55      0.53           0  Calculated
  Link-593            CONDUIT      0  00:47      6.17    1.00        3.31
11.44      0.29      0.37          0  Calculated
  Link-595            CONDUIT      0  03:29      2.65    1.00        0.62
0.57      1.08      1.00         184  SURCHARGED
  Link-596            CONDUIT      0  00:55      5.62    1.00       25.52
55.11      0.46      0.48          0  Calculated
  Link-597            CONDUIT      0  00:43      6.07    1.00        4.00
11.83      0.34      0.40          0  Calculated
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Link-598	CONDUIT	0	00:47	3.04	1.00	2.78	5.28	0.53	0.52	0	Calculated
Link-599	CONDUIT	0	00:40	3.99	1.00	5.39	4.99	1.08	1.00	22	SURCHARGED
Link-60	CONDUIT	0	01:16	7.23	1.00	11.61	10.91	1.06	0.95	0	> CAPACITY
Link-600	CONDUIT	0	01:05	12.73	1.00	4.61	31.53	0.15	0.26	0	Calculated
Link-601	CONDUIT	0	00:52	7.02	1.00	11.31	10.65	1.06	1.00	31	SURCHARGED
Link-602	CONDUIT	0	01:14	4.38	1.00	3.40	17.74	0.19	0.30	0	Calculated
Link-604	CONDUIT	0	01:13	8.12	1.00	19.01	22.35	0.85	0.71	0	Calculated
Link-605	CHANNEL	0	01:29	0.93	1.00	19.12	1582.38	0.01	0.07	0	Calculated
Link-606	CHANNEL	0	01:06	1.17	1.00	4.69	5969.67	0.00	0.01	0	Calculated
Link-607	CHANNEL	0	01:33	1.32	1.00	48.30	1526.73	0.03	0.12	0	Calculated
Link-608	CHANNEL	0	01:24	1.70	1.00	59.08	2060.19	0.03	0.12	0	Calculated
Link-609	CONDUIT	0	01:11	3.68	1.00	1.84	17.90	0.10	0.22	0	Calculated
Link-61	CONDUIT	0	01:15	9.74	1.00	12.41	15.47	0.80	0.68	0	Calculated
Link-610	CHANNEL	0	01:37	1.33	1.00	48.84	1526.73	0.03	0.12	0	Calculated
Link-611	CONDUIT	0	02:04	17.86	1.00	16.30	127.56	0.13	0.24	0	Calculated
Link-612	CONDUIT	0	02:55	6.63	1.00	36.44	1949.89	0.02	0.10	0	Calculated
Link-620	CONDUIT	0	02:18	5.77	1.00	29.44	36.53	0.81	0.68	0	Calculated
Link-625	CONDUIT	0	01:05	>50.00	1.00	1.55	611.89	0.00	0.04	0	Calculated
Link-626	CONDUIT	0	01:06	3.21	1.00	1.68	4.99	0.34	0.40	0	Calculated
Link-627	CONDUIT	0	01:11	5.98	1.00	2.26	14.51	0.16	0.27	0	Calculated
Link-629	CHANNEL	0	01:12	3.31	1.00	10.74	2770.78	0.00	0.03	0	Calculated
Link-630	CHANNEL	0	01:16	4.70	1.00	12.53	4462.89	0.00	0.02	0	Calculated
Link-631	CHANNEL	0	01:17	3.70	1.00	14.54	2733.53	0.01	0.03	0	Calculated
Link-634	CHANNEL	0	01:18	2.09	1.00	14.53	1077.18	0.01	0.06	0	Calculated
Link-635	CONDUIT	0	01:12	3.20	1.00	1.16	5.17	0.22	0.32	0	Calculated

Link-636	CONDUIT	0	01:12	42.29	1.00	0.86	359.98	0.00	0.04	0	Calculated
Link-637	CONDUIT	0	01:19	2.12	1.00	0.30	4.99	0.06	0.17	0	Calculated
Link-638	CHANNEL	0	01:14	3.66	1.00	12.54	2953.27	0.00	0.03	0	Calculated
Link-640	CONDUIT	0	01:00	>50.00	1.00	1.85	506.53	0.00	0.04	0	Calculated
Link-641	CONDUIT	0	01:01	3.46	1.00	1.34	8.35	0.16	0.27	0	Calculated
Link-642	CONDUIT	0	01:56	2.18	1.00	0.95	4.99	0.19	0.30	0	Calculated
Link-643	CONDUIT	0	01:55	48.32	1.00	0.69	481.91	0.00	0.03	0	Calculated
Link-646	CONDUIT	0	01:15	39.14	1.00	0.29	518.06	0.00	0.02	0	Calculated
Link-647	CONDUIT	0	03:10	17.81	1.00	0.09	296.63	0.00	0.01	0	Calculated
Link-648	CONDUIT	0	00:00	0.00	1.00	0.00	4.99	0.00	0.00	0	Calculated
Link-649	CONDUIT	0	00:00	0.00	1.00	0.00	5.19	0.00	0.00	0	Calculated
Link-65	CONDUIT	0	00:00	0.00	1.00	0.00	7.21	0.00	0.00	0	Calculated
Link-650	CONDUIT	0	00:00	0.00	1.00	0.00	13.71	0.00	0.00	0	Calculated
Link-653	CONDUIT	0	00:00	0.00	1.00	0.00	5.27	0.00	0.00	0	Calculated
Link-654	CONDUIT	0	03:10	24.72	1.00	0.10	454.18	0.00	0.01	0	Calculated
Link-657	CONDUIT	0	01:17	3.70	1.00	2.02	7.73	0.26	0.35	0	Calculated
Link-658	CONDUIT	0	01:10	28.34	1.00	0.39	286.44	0.00	0.03	0	Calculated
Link-659	CONDUIT	0	01:15	3.96	1.00	2.02	4.99	0.40	0.44	0	Calculated
Link-66	CONDUIT	0	01:48	1.40	1.00	0.13	4.99	0.03	0.11	0	Calculated
Link-66·4	CONDUIT	0	00:00	0.00	1.00	0.00	0.66	0.00	0.00	0	Calculated
Link-660	CONDUIT	0	00:55	>50.00	1.00	1.77	503.97	0.00	0.04	0	Calculated
Link-661	CONDUIT	0	00:56	2.19	1.00	0.62	5.96	0.10	0.22	0	Calculated
Link-662	CONDUIT	0	00:55	>50.00	1.00	1.91	609.28	0.00	0.04	0	Calculated
Link-663	CONDUIT	0	00:57	3.38	1.00	0.98	5.78	0.17	0.28	0	Calculated
Link-665	CONDUIT	0	01:00	>50.00	1.00	3.72	404.71	0.01	0.07	0	Calculated

Link-666	CONDUIT	0	01:01	5.48	1.00	7.20	8.65	0.83	0.70	0	Calculated
Link-667	CONDUIT	0	01:04	2.45	1.00	1.43	4.99	0.29	0.37	0	Calculated
Link-668	CONDUIT	0	01:02	4.87	1.00	5.75	7.87	0.73	0.63	0	Calculated
Link-669	CONDUIT	0	00:00	0.00	1.00	0.00	423.78	0.00	0.00	0	Calculated
Link-670	CONDUIT	0	00:00	0.00	1.00	0.00	4.99	0.00	0.00	0	Calculated
Link-671	CONDUIT	0	02:11	1.13	1.00	0.06	5.47	0.01	0.07	0	Calculated
Link-672	CONDUIT	0	01:23	6.47	1.00	18.46	17.42	1.06	0.92	0	> CAPACITY
Link-673	CONDUIT	0	01:20	46.53	1.00	1.18	361.98	0.00	0.04	0	Calculated
Link-674	CONDUIT	0	01:24	2.85	1.00	0.60	4.99	0.12	0.23	0	Calculated
Link-68	CONDUIT	0	01:35	4.16	1.00	2.55	5.11	0.50	0.50	0	Calculated
Link-68·4	CONDUIT	0	00:00	0.00	1.00	0.00	1.33	0.00	0.00	0	Calculated
Link-681	CONDUIT	0	01:21	3.34	1.00	0.80	9.59	0.08	0.20	0	Calculated
Link-682	CONDUIT	0	01:17	3.19	1.00	0.81	4.99	0.16	0.27	0	Calculated
Link-683	CONDUIT	0	01:32	2.78	1.00	0.78	7.29	0.11	0.22	0	Calculated
Link-684	CONDUIT	0	00:46	3.69	1.00	7.47	10.74	0.70	0.61	0	Calculated
Link-685	CONDUIT	0	00:45	4.60	1.00	7.09	7.11	1.00	0.82	0	Calculated
Link-686	CONDUIT	0	00:46	7.11	1.00	7.09	12.07	0.59	0.55	0	Calculated
Link-687	CONDUIT	0	00:55	>50.00	1.00	5.22	603.62	0.01	0.07	0	Calculated
Link-688	CONDUIT	0	01:04	4.67	1.00	5.39	4.99	1.08	0.92	0	> CAPACITY
Link-689	CONDUIT	0	00:40	>50.00	1.00	15.52	523.83	0.03	0.12	0	Calculated
Link-69	CONDUIT	0	01:06	7.92	1.00	22.24	21.42	1.04	0.92	0	> CAPACITY
Link-690	CONDUIT	0	00:43	2.78	1.00	2.29	4.99	0.46	0.48	0	Calculated
Link-691	CONDUIT	0	01:27	6.06	1.00	17.33	16.33	1.06	1.00	47	SURCHARGED
Link-692	CONDUIT	0	01:31	2.89	1.00	1.96	12.39	0.16	0.27	0	Calculated
Link-693	CONDUIT	0	01:07	3.63	1.00	1.95	4.99	0.39	0.43	0	Calculated

Link-694	CONDUIT	0	01:06	2.66	1.00	1.96	4.99	0.39	0.44	0 Calculated
Link-695	CONDUIT	0	01:06	8.15	1.00	10.92	12.83	0.85	0.71	0 Calculated
Link-696	CONDUIT	0	01:29	5.21	1.00	1.78	13.19	0.13	0.25	0 Calculated
Link-697	CONDUIT	0	00:56	3.76	1.00	4.79	5.63	0.85	0.71	0 Calculated
Link-698	CONDUIT	0	00:55	>50.00	1.00	4.80	461.97	0.01	0.07	0 Calculated
Link-70	CONDUIT	0	01:56	4.46	1.00	16.34	19.47	0.84	0.70	0 Calculated
Link-700	CONDUIT	0	01:33	5.55	1.00	9.01	49.47	0.18	0.29	0 Calculated
Link-704	CONDUIT	0	01:31	5.32	1.00	8.56	7.93	1.08	1.00	49 SURCHARGED
Link-707	CONDUIT	0	02:19	5.78	1.00	30.01	36.53	0.82	0.69	0 Calculated
Link-708	CONDUIT	0	02:16	5.75	1.00	29.21	36.53	0.80	0.68	0 Calculated
Link-709	CONDUIT	0	00:50	>50.00	1.00	23.75	442.59	0.05	0.16	0 Calculated
Link-710	CONDUIT	0	00:51	4.48	1.00	4.18	6.10	0.68	0.61	0 Calculated
Link-713	CONDUIT	0	01:32	22.01	1.00	93.99	94.80	0.99	0.81	0 Calculated
Link-714	CONDUIT	0	01:22	6.27	1.00	40.11	37.12	1.08	0.93	0 > CAPACITY
Link-715	CONDUIT	0	02:24	6.06	1.00	39.26	36.53	1.07	0.91	0 > CAPACITY
Link-717	CONDUIT	0	01:21	6.85	1.00	8.50	10.79	0.79	0.67	0 Calculated
Link-718	CONDUIT	0	01:57	3.03	1.00	0.95	17.90	0.05	0.16	0 Calculated
Link-719	CONDUIT	0	00:00	0.00	1.00	0.00	5.76	0.00	0.00	0 Calculated
Link-720	CONDUIT	0	00:00	0.00	1.00	0.00	16.78	0.00	0.00	0 Calculated
Link-721	CONDUIT	0	02:24	5.30	1.00	13.24	14.60	0.91	0.75	0 Calculated
Link-73	CONDUIT	0	01:46	3.43	1.00	4.16	5.51	0.75	0.65	0 Calculated
Link-77·2	CONDUIT	0	00:00	0.00	1.00	0.00	9.28	0.00	0.00	0 Calculated
Link-78	CONDUIT	0	02:00	4.47	1.00	16.32	19.47	0.84	0.70	0 Calculated
Link-79	CONDUIT	0	00:00	0.00	1.00	0.00	7.89	0.00	0.00	0 Calculated
Link-80	CONDUIT	0	00:00	0.00	1.00	0.00	11.44	0.00	0.00	0 Calculated

Link-80·4		CONDUIT	0	03:42	4.85	1.00	0.51	
2.03	0.25	0.34	0	Calculated				
Link-81		CONDUIT	0	00:00	0.00	1.00	0.00	
1.74	0.00	0.00	0	Calculated				
Link-87		CONDUIT	0	01:48	4.46	1.00	16.41	
19.47	0.84	0.70	0	Calculated				
Link-89		CONDUIT	0	01:51	4.97	1.00	0.12	
23.74	0.00	0.05	0	Calculated				
Link-90		CONDUIT	0	00:00	0.00	1.00	0.00	
5.11	0.00	0.00	0	Calculated				
Link-90·5		CONDUIT	0	00:00	0.00	1.00	0.00	
1.92	0.00	0.00	0	Calculated				
Link-91		CONDUIT	0	01:35	8.23	1.00	2.55	
21.74	0.12	0.23	0	Calculated				
Link-91·5		CONDUIT	0	00:00	0.00	1.00	0.00	
1.75	0.00	0.00	0	Calculated				
Link-92·2		CONDUIT	0	01:45	2.80	1.00	1.57	
3.54	0.44	0.47	0	Calculated				
Link-96·1		CONDUIT	0	00:58	5.22	1.00	4.71	
9.13	0.52	0.51	0	Calculated				
Link-97		CONDUIT	0	03:17	6.87	1.00	0.24	
15.39	0.02	0.09	0	Calculated				
Link-99		CONDUIT	0	03:31	1.91	1.00	0.51	
4.99	0.10	0.21	0	Calculated				

```
  ********************************
  Highest Flow Instability Indexes
  ********************************
  Link Link-318 (11)
  Link Link-314 (10)
  Link Link-188 (9)
  Link Link-317·1 (8)
  Link Link-501 (7)


  Analysis began on:  Tue Apr 21 13:43:27 2020
  Analysis ended on:  Tue Apr 21 13:43:42 2020
  Total elapsed time: 00:00:15
```

Autodesk® Storm and Sanitary Analysis 2016 - Version 13.2.147 (Build 0)

****
Project Description
****
File Name ..... AreaSouth Updated Per AF Approvals.SPF

****
Analysis Options
****
Flow Units ..... cfs
Subbasin Hydrograph Method. SCS TR-55
Time of Concentration..... User-Defined
Link Routing Method ..... Kinematic Wave
Storage Node Exfiltration.. Constant flow
Starting Date MAR-07-2020 00:00:00
Ending Date MAR-08-2020 06:00:00
Report Time Step 00:30:00

****
Element Count
****
Number of rain gages 2
Number of subbasins 105
Number of nodes 492
Number of links 585

****
Raingage Summary
****

Gage ID	Data Source	Data Type	Recording Interval min
Rain Gage-01	FF25yr_3hr	CUMULATIVE	3.00
Rain Gage-02	FF_100yr_24hr	CUMULATIVE	6.00

****
Subbasin Summary
****

Subbasin	Total Area	Peak Rate Factor

ID	acres	
266	14.73	0.00
267	6.69	0.00
268	7.92	0.00
269	28.89	0.00
270	33.84	0.00
271	30.02	0.00
272	26.70	0.00
273	8.84	0.00
274	17.64	0.00
275	52.84	0.00
276	47.40	0.00
277	42.81	0.00
278	48.60	0.00
279	7.47	0.00
280	14.78	0.00
281	6.93	0.00
282	11.64	0.00
283	18.56	0.00
284	21.38	0.00
285	20.74	0.00
286	18.83	0.00
287	14.60	0.00
288	12.93	0.00
289	40.72	0.00
290	28.92	0.00
291	21.03	0.00
292	21.58	0.00
293	41.66	0.00
294	16.08	0.00
295	52.81	0.00
296	156.02	0.00
297	6.47	0.00
298	47.37	0.00
299	21.63	0.00
300	2.47	0.00
301	7.06	0.00
302	6.61	0.00
303	24.21	0.00
304	4.54	0.00
305	23.46	0.00
306	51.77	0.00
307	47.46	0.00
308	14.68	0.00
309	4.40	0.00
310	13.77	0.00
311	3.43	0.00
312	5.17	0.00
313	3.75	0.00

314	5.12	0.00
315	4.44	0.00
316	4.57	0.00
317	0.62	0.00
318	71.13	0.00
319	13.27	0.00
320	10.86	0.00
321	14.86	0.00
322	4.86	0.00
323	9.44	0.00
324	15.74	0.00
325	21.58	0.00
326	67.99	0.00
327	49.98	0.00
328	24.29	0.00
329	53.97	0.00
330	58.66	0.00
331	41.69	0.00
332	51.22	0.00
333	90.29	0.00
334	68.08	0.00
336	16.42	0.00
337	88.03	0.00
338	7.33	0.00
339	66.57	0.00
340	13.87	0.00
341	13.44	0.00
342	83.83	0.00
343	28.27	0.00
344	163.44	0.00
345	47.91	0.00
346	267.85	0.00
347	32.74	0.00
348	85.27	0.00
349	188.21	0.00
350	6.63	0.00
351	9.33	0.00
352	9.98	0.00
353	11.46	0.00
354	14.46	0.00
355	8.02	0.00
356	3.62	0.00
357	9.90	0.00
358	13.92	0.00
359	6.54	0.00
360	7.22	0.00
361	8.10	0.00
362	4.55	0.00
363	4.79	0.00
364	7.16	0.00

365	10.01	0.00
366	32.39	0.00
367	19.89	0.00
368	28.27	0.00
369	22.52	0.00
370	3.86	0.00
371	43.72	0.00

****
Node Summary
****

Node ID	Element Type	Invert Elevation ft	Maximum Elev. ft	Ponded Area ft²	External Inflow
J1000	JUNCTION	4357.71	4364.71	0.00	
J1004	JUNCTION	4363.31	4370.31	0.00	
J1005	JUNCTION	4366.25	4373.25	0.00	
J1010	JUNCTION	4357.36	4364.36	0.00	
J1081	JUNCTION	4395.31	4402.31	0.00	
J1086	JUNCTION	4403.15	4410.15	0.00	
J1527	JUNCTION	4395.39	4402.39	0.00	
J1548	JUNCTION	4409.10	4416.10	0.00	
J1593	JUNCTION	4389.84	4396.84	0.00	
J1600	JUNCTION	4386.71	4393.71	0.00	
J1639	JUNCTION	4381.60	4388.60	0.00	
J1640	JUNCTION	4378.84	4385.84	0.00	
J1641	JUNCTION	4375.86	4382.86	0.00	
J1646	JUNCTION	4360.38	4367.38	0.00	
J1672	JUNCTION	4401.39	4408.39	0.00	
J1700	JUNCTION	4386.00	4393.00	0.00	
J1757	JUNCTION	4389.98	4396.98	0.00	
J1762	JUNCTION	4381.24	4388.24	0.00	
J1766	JUNCTION	4372.27	4379.27	0.00	
J1770	JUNCTION	4374.47	4381.47	0.00	
J1772	JUNCTION	4376.09	4383.09	0.00	
J1773	JUNCTION	4377.58	4384.58	0.00	
J1809	JUNCTION	4396.63	4403.63	0.00	
J1813	JUNCTION	4403.79	4410.79	0.00	
J1818	JUNCTION	4377.47	4384.47	0.00	
J1819	JUNCTION	4377.89	4384.89	0.00	
J1825	JUNCTION	4378.25	4385.25	0.00	
J1826	JUNCTION	4378.09	4385.09	0.00	
J1827	JUNCTION	4378.03	4385.03	0.00	
J1831	JUNCTION	4382.07	4389.07	0.00	
J1833	JUNCTION	4379.59	4386.59	0.00	
J1837	JUNCTION	4378.86	4385.86	0.00	
J1841	JUNCTION	4378.72	4385.72	0.00	
J1842	JUNCTION	4378.73	4385.73	0.00	

J1845	JUNCTION	4377.75	4384.75	0.00	
J1890	JUNCTION	4378.47	4385.47	0.00	
J1892	JUNCTION	4375.47	4382.47	0.00	
J1894	JUNCTION	4374.86	4381.86	0.00	
J1897	JUNCTION	4362.72	4369.72	0.00	
J2000	JUNCTION	4359.62	4366.62	0.00	
J2500	JUNCTION	4395.14	4402.14	0.00	
J3000	JUNCTION	4356.12	4363.12	0.00	
J3600	JUNCTION	4370.65	4377.65	0.00	
J4000	JUNCTION	4352.46	4359.46	0.00	
J4200	JUNCTION	4360.69	4367.69	0.00	
J4300	JUNCTION	4370.64	4379.64	0.00	
J45700	JUNCTION	4395.77	4402.77	0.00	
J464	JUNCTION	4390.84	4397.84	0.00	
J470	JUNCTION	4392.47	4399.47	0.00	
J490	JUNCTION	4374.72	4381.72	0.00	
J583	JUNCTION	4476.06	4483.06	0.00	
J591	JUNCTION	4384.48	4391.48	0.00	
J597	JUNCTION	4386.00	4393.00	0.00	
J599	JUNCTION	4373.39	4380.39	0.00	
J609	JUNCTION	4391.74	4398.74	0.00	
J611	JUNCTION	4372.41	4379.41	0.00	
J614	JUNCTION	4371.43	4378.43	0.00	
J8000	JUNCTION	4354.88	4361.88	0.00	
J919	JUNCTION	4397.24	4404.24	0.00	
Jun-01-J	JUNCTION	4400.00	4407.00	0.00	
Jun-07-J	JUNCTION	4375.00	4382.00	0.00	
Jun-08-J	JUNCTION	4373.00	4380.00	0.00	
Jun-09-J	JUNCTION	4374.47	4381.47	0.00	
Jun-102	JUNCTION	4363.00	4370.00	0.00	
Jun-102·4	JUNCTION	4372.49	4379.49	0.00	
Jun-104	JUNCTION	4373.00	4380.00	0.00	
Jun-105	JUNCTION	4376.00	4383.00	0.00	
Jun-107	JUNCTION	4377.00	4384.00	0.00	
Jun-108·3	JUNCTION	4375.11	4382.11	0.00	
Jun-10-J	JUNCTION	4373.57	4380.57	0.00	
Jun-112	JUNCTION	4381.99	4388.99	0.00	
Jun-117	JUNCTION	4356.00	4363.00	0.00	
Jun-117·3	JUNCTION	4407.00	4414.00	0.00	
Jun-118·3	JUNCTION	4403.00	4410.00	0.00	
Jun-119	JUNCTION	4416.00	4423.00	0.00	Yes
Jun-122	JUNCTION	4408.00	4415.00	0.00	
Jun-123	JUNCTION	4364.00	4371.00	0.00	
Jun-124	JUNCTION	4389.93	4396.93	0.00	
Jun-125	JUNCTION	4359.00	4366.00	0.00	
Jun-126	JUNCTION	4365.00	4372.00	0.00	
Jun-126·3	JUNCTION	4385.12	4392.12	0.00	
Jun-128	JUNCTION	4365.00	4372.00	0.00	
Jun-128·2	JUNCTION	4425.00	4432.00	0.00	Yes
Jun-128·4	JUNCTION	4381.70	4388.70	0.00	

Jun-129	JUNCTION	4429.00	4436.00	0.00	Yes
Jun-130	JUNCTION	4420.92	4427.92	0.00	
Jun-130·4	JUNCTION	4385.04	4392.04	0.00	
Jun-131	JUNCTION	4411.95	4418.95	0.00	
Jun-132	JUNCTION	4372.67	4379.67	0.00	
Jun-133	JUNCTION	4365.35	4372.35	0.00	
Jun-133·3	JUNCTION	4411.00	4418.00	0.00	Yes
Jun-134	JUNCTION	4361.38	4368.38	0.00	
Jun-135	JUNCTION	4356.73	4363.73	0.00	
Jun-136·2	JUNCTION	4352.76	4359.76	0.00	
Jun-137	JUNCTION	4383.00	4390.00	0.00	
Jun-137·3	JUNCTION	4413.00	4420.00	0.00	
Jun-139	JUNCTION	4375.64	4382.64	0.00	
Jun-139·4	JUNCTION	4375.95	4382.95	0.00	
Jun-140	JUNCTION	4349.00	4356.00	0.00	
Jun-140·4	JUNCTION	4378.75	4385.75	0.00	
Jun-141·2	JUNCTION	4367.00	4376.00	0.00	
Jun-142	JUNCTION	4377.00	4384.00	0.00	
Jun-144·2	JUNCTION	4380.62	4387.62	0.00	
Jun-144·4	JUNCTION	4379.67	4386.67	0.00	
Jun-145·2	JUNCTION	4378.71	4385.71	0.00	
Jun-145·4	JUNCTION	4377.21	4384.21	0.00	
Jun-146·2	JUNCTION	4375.31	4382.31	0.00	
Jun-147	JUNCTION	4371.03	4378.03	0.00	
Jun-148	JUNCTION	4352.25	4359.25	0.00	
Jun-148·2	JUNCTION	4367.28	4374.28	0.00	
Jun-148·4	JUNCTION	4387.00	4394.00	0.00	
Jun-149	JUNCTION	4361.35	4368.35	0.00	
Jun-14-J	JUNCTION	4392.46	4399.46	0.00	
Jun-150	JUNCTION	4356.66	4363.66	0.00	
Jun-150·2	JUNCTION	4355.51	4362.51	0.00	
Jun-152	JUNCTION	4359.00	4366.00	0.00	
Jun-152·2	JUNCTION	4358.76	4365.76	0.00	
Jun-153	JUNCTION	4352.92	4359.92	0.00	
Jun-154	JUNCTION	4371.88	4378.88	0.00	
Jun-154·4	JUNCTION	4379.00	4386.00	0.00	
Jun-155·4	JUNCTION	4378.00	4385.00	0.00	
Jun-156	JUNCTION	4351.65	4358.65	0.00	
Jun-156·4	JUNCTION	4376.00	4383.00	0.00	
Jun-157	JUNCTION	4372.21	4379.21	0.00	
Jun-157·3	JUNCTION	4376.00	4383.00	0.00	
Jun-158	JUNCTION	4368.69	4375.69	0.00	
Jun-159	JUNCTION	4357.00	4364.00	0.00	
Jun-159·2	JUNCTION	4361.24	4368.24	0.00	
Jun-159·3	JUNCTION	4383.85	4390.85	0.00	
Jun-160	JUNCTION	4358.39	4365.39	0.00	
Jun-160·2	JUNCTION	4361.93	4368.93	0.00	
Jun-160·3	JUNCTION	4377.59	4384.59	0.00	
Jun-161	JUNCTION	4349.00	4356.00	0.00	
Jun-161·2	JUNCTION	4358.70	4365.70	0.00	

Jun-161·4	JUNCTION	4401.47	4408.47	0.00
Jun-162	JUNCTION	4354.17	4361.17	0.00
Jun-162·2	JUNCTION	4355.49	4362.49	0.00
Jun-162·4	JUNCTION	4388.95	4395.95	0.00
Jun-163	JUNCTION	4361.41	4368.41	0.00
Jun-163·2	JUNCTION	4353.07	4360.07	0.00
Jun-163·4	JUNCTION	4377.00	4384.00	0.00
Jun-164	JUNCTION	4373.00	4380.00	0.00
Jun-164·2	JUNCTION	4352.85	4359.85	0.00
Jun-165	JUNCTION	4355.00	4362.00	0.00
Jun-165·2	JUNCTION	4349.84	4356.84	0.00
Jun-165·4	JUNCTION	4367.00	4374.00	0.00
Jun-166	JUNCTION	4344.89	4351.89	0.00
Jun-166·3	JUNCTION	4370.11	4377.11	0.00
Jun-166·4	JUNCTION	4369.50	4376.50	0.00
Jun-167	JUNCTION	4351.00	4358.00	0.00
Jun-167·2	JUNCTION	4386.36	4393.36	0.00
Jun-167·4	JUNCTION	4385.00	4392.00	0.00
Jun-168	JUNCTION	4378.00	4385.00	0.00
Jun-168·2	JUNCTION	4370.68	4377.68	0.00
Jun-169·2	JUNCTION	4415.43	4422.43	0.00
Jun-169·4	JUNCTION	4377.00	4384.00	0.00
Jun-170·4	JUNCTION	4368.50	4375.50	0.00
Jun-171·4	JUNCTION	4370.45	4377.45	0.00
Jun-172	JUNCTION	4390.60	4397.60	0.00
Jun-173	JUNCTION	4365.00	4372.00	0.00
Jun-174	JUNCTION	4351.00	4358.00	0.00
Jun-174·4	JUNCTION	4360.86	4367.86	0.00
Jun-175	JUNCTION	4354.10	4361.10	0.00
Jun-175·4	JUNCTION	4359.02	4366.02	0.00
Jun-176	JUNCTION	4352.00	4359.00	0.00
Jun-177	JUNCTION	4379.00	4387.00	0.00
Jun-177·4	JUNCTION	4353.00	4360.00	0.00
Jun-178	JUNCTION	4385.00	4392.00	0.00
Jun-178·4	JUNCTION	4355.00	4362.00	0.00
Jun-179	JUNCTION	4380.64	4387.64	0.00
Jun-179·3	JUNCTION	4373.00	4380.00	0.00
Jun-179·4	JUNCTION	4362.00	4369.00	0.00
Jun-17-J	JUNCTION	4391.93	4398.93	0.00
Jun-180	JUNCTION	4377.00	4384.00	0.00
Jun-180·4	JUNCTION	4373.58	4380.58	0.00
Jun-181	JUNCTION	4374.00	4381.00	0.00
Jun-181·4	JUNCTION	4362.73	4369.73	0.00
Jun-182	JUNCTION	4358.25	4365.25	0.00
Jun-183	JUNCTION	4358.00	4365.00	0.00
Jun-183·4	JUNCTION	4355.52	4362.52	0.00
Jun-184	JUNCTION	4355.59	4362.59	0.00
Jun-184·4	JUNCTION	4366.89	4375.39	0.00
Jun-185	JUNCTION	4387.88	4394.88	0.00
Jun-185·4	JUNCTION	4358.85	4369.50	0.00

Jun-186	JUNCTION	4384.66	4391.66	0.00	
Jun-187	JUNCTION	4383.88	4390.88	0.00	
Jun-187·4	JUNCTION	4366.15	4373.15	0.00	
Jun-188	JUNCTION	4384.13	4391.13	0.00	
Jun-188·4	JUNCTION	4357.62	4364.62	0.00	
Jun-189	JUNCTION	4351.37	4358.37	0.00	
Jun-190	JUNCTION	4347.00	4354.00	0.00	
Jun-192	JUNCTION	4385.00	4392.00	0.00	
Jun-194	JUNCTION	4365.72	4372.72	0.00	
Jun-195	JUNCTION	4417.00	4424.00	0.00	
Jun-195·4	JUNCTION	4373.93	4380.93	0.00	
Jun-196	JUNCTION	4409.88	4416.88	0.00	
Jun-197	JUNCTION	4404.61	4411.61	0.00	
Jun-197·3	JUNCTION	4375.00	4382.00	0.00	Yes
Jun-198	JUNCTION	4351.00	4358.00	0.00	
Jun-19-J	JUNCTION	4395.78	4402.78	0.00	
Jun-200	JUNCTION	4365.72	4372.72	0.00	
Jun-200·3	JUNCTION	4388.00	4396.00	0.00	
Jun-201	JUNCTION	4353.00	4360.00	0.00	
Jun-203	JUNCTION	4357.00	4364.00	0.00	
Jun-204	JUNCTION	4392.00	4399.00	0.00	
Jun-205	JUNCTION	4389.00	4396.00	0.00	
Jun-210	JUNCTION	4406.00	4412.00	0.00	
Jun-212	JUNCTION	4351.72	4358.72	0.00	
Jun-213	JUNCTION	4397.00	4404.00	0.00	
Jun-214	JUNCTION	4349.33	4356.33	0.00	
Jun-215	JUNCTION	4387.00	4394.00	0.00	
Jun-216	JUNCTION	4386.00	4393.00	0.00	
Jun-217	JUNCTION	4347.19	4354.19	0.00	
Jun-219	JUNCTION	4379.00	4386.00	0.00	
Jun-21-J	JUNCTION	4417.65	4424.65	0.00	Yes
Jun-224	JUNCTION	4386.00	4393.00	0.00	
Jun-227	JUNCTION	4386.50	4393.50	0.00	
Jun-230	JUNCTION	4387.00	4394.00	0.00	
Jun-248	JUNCTION	4385.00	4392.00	0.00	
Jun-24-J	JUNCTION	4381.41	4388.41	0.00	
Jun-254	JUNCTION	4404.67	4411.67	0.00	
Jun-25-J	JUNCTION	4381.00	4388.00	0.00	
Jun-26-J	JUNCTION	4369.00	4376.00	0.00	
Jun-273	JUNCTION	4391.46	4398.46	0.00	
Jun-27-J	JUNCTION	4370.00	4377.00	0.00	
Jun-28·4	JUNCTION	4371.00	4378.00	0.00	
Jun-281	JUNCTION	4374.42	4381.42	0.00	
Jun-282	JUNCTION	4368.43	4375.43	0.00	
Jun-291	JUNCTION	4361.41	4368.41	0.00	
Jun-297	JUNCTION	4375.88	4382.88	0.00	
Jun-299	JUNCTION	4362.05	4369.05	0.00	
Jun-300	JUNCTION	4359.93	4366.93	0.00	
Jun-306	JUNCTION	4394.00	4401.00	0.00	Yes
Jun-307	JUNCTION	4389.17	4396.17	0.00	

Jun-308	JUNCTION	4386.00	4393.00	0.00
Jun-309	JUNCTION	4385.00	4392.00	0.00
Jun-30-J	JUNCTION	4407.00	4414.00	0.00
Jun-310	JUNCTION	4384.70	4391.70	0.00
Jun-314	JUNCTION	4375.00	4382.00	0.00
Jun-315	JUNCTION	4380.00	4390.00	0.00
Jun-316	JUNCTION	4379.00	4386.00	0.00
Jun-319	JUNCTION	4374.78	4381.78	0.00
Jun-320	JUNCTION	4374.63	4381.63	0.00
Jun-321	JUNCTION	4367.13	4374.13	0.00
Jun-322	JUNCTION	4364.36	4371.36	0.00
Jun-323	JUNCTION	4366.12	4373.12	0.00
Jun-325	JUNCTION	4386.50	4393.50	0.00
Jun-327	JUNCTION	4383.00	4390.00	0.00
Jun-328	JUNCTION	4380.00	4387.00	0.00
Jun-34-J	JUNCTION	4347.50	4354.50	0.00
Jun-35-J	JUNCTION	4347.00	4354.00	0.00
Jun-37-J	JUNCTION	4401.74	4408.74	0.00
Jun-38-J	JUNCTION	4442.37	4449.37	0.00
Jun-39-J	JUNCTION	4415.33	4422.33	0.00
Jun-42-J	JUNCTION	4350.50	4357.50	0.00
Jun-43-J	JUNCTION	4394.18	4401.18	0.00
Jun-44-J	JUNCTION	4376.61	4383.61	0.00
Jun-45-J	JUNCTION	4376.50	4383.50	0.00
Jun-51·2	JUNCTION	4389.00	4396.00	0.00
Jun-54-J	JUNCTION	4352.82	4359.82	0.00
Jun-75-J	JUNCTION	4389.00	4396.00	0.00
Jun-76-J	JUNCTION	4387.07	4394.07	0.00
Jun-81-J	JUNCTION	4376.98	4383.98	0.00
Jun-82-J	JUNCTION	4357.13	4364.13	0.00
Jun-83-J	JUNCTION	4366.96	4373.96	0.00
Jun-85-J	JUNCTION	4393.00	4400.00	0.00
Jun-86-J	JUNCTION	4356.88	4363.88	0.00
Jun-87-J	JUNCTION	4377.50	4384.50	0.00
Jun-92-J	JUNCTION	4387.00	4394.00	0.00
Jun-95-J	JUNCTION	4374.16	4381.16	0.00
Jun-96-J	JUNCTION	4373.81	4380.81	0.00
Jun-99-J	JUNCTION	4381.00	4388.00	0.00
4·2	OUTFALL	4348.00	4354.00	0.00
Jun-108	OUTFALL	4348.00	4351.50	0.00
Jun-139·2	OUTFALL	4348.00	4351.50	0.00
Jun-142·2	OUTFALL	4348.00	4351.00	0.00
Jun-202	OUTFALL	4347.00	4349.50	0.00
Out-01	OUTFALL	0.00	5.00	0.00
Out-01·2	OUTFALL	4341.97	4345.47	0.00
Out-01·3	OUTFALL	0.00	1.50	0.00
Out-01·4	OUTFALL	0.00	0.00	0.00
Out-02·2	OUTFALL	4348.00	4351.50	0.00
Out-02·4	OUTFALL	0.00	1.50	0.00
Out-03	OUTFALL	0.00	0.00	0.00

Out-03·2	OUTFALL	4348.00	4348.00	0.00
Out-04	OUTFALL	0.00	1.50	0.00
Out-04·2	OUTFALL	4348.00	4349.50	0.00
Out-04·4	OUTFALL	0.00	1.50	0.00
Out-05	OUTFALL	0.00	0.00	0.00
Out-05·2	OUTFALL	4348.00	4349.50	0.00
Out-05·4	OUTFALL	4344.68	4348.18	0.00
Out-06	OUTFALL	0.00	0.00	0.00
Out-07	OUTFALL	0.00	0.00	0.00
Out-09	OUTFALL	4364.00	4367.50	0.00
Out-10	OUTFALL	4350.84	4355.84	0.00
Out-11	OUTFALL	4344.05	4349.05	0.00
Out-12	OUTFALL	0.00	4.50	0.00
Out-13	OUTFALL	4344.00	4347.00	0.00
Diversion-10-298-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-303	DIVIDER	4443.00	4450.00	0.00
Diversion-10-305-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-312-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-318-1	DIVIDER	4442.00	4449.00	0.00
Diversion-10-318-2	DIVIDER	4443.00	4450.00	0.00
Diversion-10-318-3	DIVIDER	4442.00	4449.00	0.00
Diversion-10-326	DIVIDER	4443.00	4450.00	0.00
Diversion-10-327-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-328-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-328-2	DIVIDER	4442.00	4449.00	0.00
Diversion-10-329-1	DIVIDER	4442.00	4449.00	0.00
Diversion-10-329-2	DIVIDER	4443.00	4450.00	0.00
Diversion-10-330	DIVIDER	4443.00	4450.00	0.00
Diversion-10-331	DIVIDER	4443.00	4450.00	0.00
Diversion-10-332-1	DIVIDER	4442.00	4449.00	0.00
Diversion-10-332-2	DIVIDER	4443.00	4450.00	0.00
Diversion-10-332-3	DIVIDER	4443.00	4450.00	0.00
Diversion-10-333-1	DIVIDER	4443.00	4450.00	0.00
Diversion-10-333-2	DIVIDER	4445.00	4452.00	0.00
Diversion-10-334-1	DIVIDER	4442.00	4449.00	0.00
Diversion-10-334-2	DIVIDER	4443.00	4450.00	0.00
Diversion-10-334-3	DIVIDER	4442.00	4449.00	0.00
Diversion-11-336-1	DIVIDER	4418.00	4425.00	0.00
Diversion-11-337-1	DIVIDER	4392.00	4399.00	0.00
Diversion-11-337-2	DIVIDER	4391.00	4398.00	0.00
Diversion-11-337-3	DIVIDER	4386.00	4393.00	0.00
Diversion-11-337-4	DIVIDER	4382.00	4391.00	0.00
Diversion-11-338-1	DIVIDER	4405.00	4412.00	0.00
Diversion-11-339-1	DIVIDER	4402.00	4409.00	0.00
Diversion-11-339-2	DIVIDER	4395.00	4402.00	0.00
Diversion-11-339-3	DIVIDER	4390.00	4397.00	0.00
Diversion-11-339-4	DIVIDER	4389.00	4396.00	0.00
Diversion-11-339-5	DIVIDER	4383.00	4390.00	0.00
Diversion-11-340-1	DIVIDER	4386.00	4393.00	0.00
Diversion-11-340-2	DIVIDER	4383.00	4390.00	0.00

Diversion-11-341-1	DIVIDER	4385.00	4392.00	0.00
Diversion-11-342-1	DIVIDER	4369.00	4377.00	0.00
Diversion-11-342-2	DIVIDER	4368.00	4375.00	0.00
Diversion-11-342-3	DIVIDER	4367.00	4374.00	0.00
Diversion-11-343-2	DIVIDER	4373.00	4380.00	0.00
Diversion-11-343-3	DIVIDER	4368.00	4375.00	0.00
Diversion-11-344-1	DIVIDER	4385.00	4392.00	0.00
Diversion-11-344-3	DIVIDER	4378.00	4385.00	0.00
Diversion-11-344-4	DIVIDER	4373.00	4380.00	0.00
Diversion-11-344-5	DIVIDER	4371.00	4378.00	0.00
Diversion-11-344-6	DIVIDER	4368.00	4375.00	0.00
Diversion-11-344-7	DIVIDER	4367.50	4374.50	0.00
Diversion-11-345-1	DIVIDER	4366.00	4373.00	0.00
Diversion-11-346-1	DIVIDER	4363.00	4370.00	0.00
Diversion-11-346-2	DIVIDER	4360.50	4367.50	0.00
Diversion-11-346-3	DIVIDER	4358.00	4365.00	0.00
Diversion-11-346-5	DIVIDER	4357.30	4364.30	0.00
Diversion-11-346-6	DIVIDER	4351.00	4358.00	0.00
Diversion-11-348-1	DIVIDER	4357.00	4364.00	0.00
Diversion-11-348-2	DIVIDER	4356.00	4363.00	0.00
Diversion-11-349-1	DIVIDER	4366.00	4373.00	0.00
Diversion-11-349-2	DIVIDER	4363.00	4370.00	0.00
Diversion-11-349-3	DIVIDER	4358.00	4365.00	0.00
Diversion-11-349-4	DIVIDER	4357.00	4360.00	0.00
Diversion-12-350	DIVIDER	4413.00	4420.00	0.00
Diversion-12-351	DIVIDER	4407.00	4414.00	0.00
Diversion-12-352	DIVIDER	4411.00	4418.00	0.00
Diversion-12-353	DIVIDER	4398.00	4405.00	0.00
Diversion-12-354	DIVIDER	4407.00	4410.00	0.00
Diversion-12-355-1	DIVIDER	4397.00	4404.00	0.00
Diversion-12-355-2	DIVIDER	4394.00	4401.00	0.00
Diversion-12-357	DIVIDER	4392.00	4399.00	0.00
Diversion-12-358	DIVIDER	4394.00	4401.00	0.00
Diversion-12-359-1	DIVIDER	4384.00	4391.00	0.00
Diversion-12-362	DIVIDER	4386.00	4393.00	0.00
Diversion-12-363-1	DIVIDER	4477.00	4484.00	0.00
Diversion-12-365	DIVIDER	4388.00	4395.00	0.00
Diversion-12-366	DIVIDER	4384.00	4391.00	0.00
Diversion-12-367	DIVIDER	7389.00	7390.50	0.00
Diversion-12-368	DIVIDER	4388.00	4395.00	0.00
Diversion-12-369	DIVIDER	4376.00	4383.00	0.00
Diversion-12-371-1	DIVIDER	4371.00	4378.00	0.00
Diversion-12-371-2	DIVIDER	4368.00	4375.00	0.00
Diversion-12-371-3	DIVIDER	4363.00	4370.00	0.00
Diversion-3282-2	DIVIDER	4378.00	4385.00	0.00
Diversion-346-4	DIVIDER	4357.50	4364.50	0.00
Diversion-46	DIVIDER	4358.00	4365.00	0.00
Diversion-9-266	DIVIDER	4383.00	4390.00	0.00
Diversion-9-270	DIVIDER	4373.00	4380.00	0.00
Diversion-9-271	DIVIDER	4383.00	4390.00	0.00

Diversion-9-272	DIVIDER	4383.00	4390.00	0.00	
Diversion-9-273	DIVIDER	4393.00	4400.00	0.00	
Diversion-9-274	DIVIDER	4421.00	4428.00	0.00	
Diversion-9-274-2	DIVIDER	4403.00	4410.00	0.00	
Diversion-9-275-1	DIVIDER	4368.00	4375.00	0.00	
Diversion-9-275-2	DIVIDER	4367.00	4374.00	0.00	
Diversion-9-275-3	DIVIDER	4363.00	4370.00	0.00	
Diversion-9-276-1	DIVIDER	4371.00	4378.00	0.00	
Diversion-9-276-2	DIVIDER	4366.00	4373.00	0.00	
Diversion-9-276-3	DIVIDER	4365.00	4372.00	0.00	
Diversion-9-277-1	DIVIDER	4371.00	4378.00	0.00	
Diversion-9-278-3	DIVIDER	4372.00	4380.50	0.00	
Diversion-9-281-1	DIVIDER	4379.00	4386.00	0.00	
Diversion-9-282-1	DIVIDER	4380.00	4387.00	0.00	
Diversion-9-283	DIVIDER	4390.00	4397.00	0.00	
Diversion-9-284-1	DIVIDER	4400.00	4407.00	0.00	
Diversion-9-284-2	DIVIDER	4397.00	4404.00	0.00	
Diversion-9-285-1	DIVIDER	4381.00	4388.00	0.00	
Diversion-9-285-2	DIVIDER	4380.00	4387.00	0.00	
Diversion-9-286-1	DIVIDER	4393.00	4400.00	0.00	
Diversion-9-286-2	DIVIDER	4392.00	4399.00	0.00	
Diversion-9-286-3	DIVIDER	4386.00	4393.00	0.00	
Diversion-9-286-4	DIVIDER	4383.00	4390.00	0.00	
Diversion-9-287-1	DIVIDER	4392.00	4399.00	0.00	
Diversion-9-288-1	DIVIDER	4360.00	4367.00	0.00	
Diversion-9-289-1	DIVIDER	4357.00	4364.00	0.00	
Diversion-9-289-2	DIVIDER	4358.00	4365.00	0.00	
Diversion-9-290-1	DIVIDER	4359.00	4366.00	0.00	
Diversion-9-291-1	DIVIDER	4362.00	4369.00	0.00	
Diversion-9-292	DIVIDER	4362.00	4369.00	0.00	
Diversion-9-293-2	DIVIDER	4378.00	4385.00	0.00	
Diversion-9-293-3	DIVIDER	4374.00	4381.00	0.00	
Diversion-9-294-1	DIVIDER	4380.00	4387.00	0.00	
Diversion-9-295	DIVIDER	4372.00	4379.00	0.00	
Diversion-9-296-1	DIVIDER	4364.00	4373.00	0.00	
Diversion-9-296-3	DIVIDER	4365.00	4372.00	0.00	
Diversion-North Area	DIVIDER	4443.00	4450.00	0.00	
Jun-206	STORAGE	4423.00	4430.00	100.00	
Stor-11-339	STORAGE	4378.90	4385.90	100.00	
Stor-11-345	STORAGE	4362.00	4369.00	100.00	
Stor-11-346	STORAGE	4350.75	4357.75	100.00	
Stor-11-471	STORAGE	4390.00	4395.00	100.00	Yes
Stor-12-353	STORAGE	4404.00	4411.00	100.00	
Stor-12-358	STORAGE	4396.00	4403.00	100.00	
Stor-12-360	STORAGE	4387.00	4394.00	100.00	
Stor-12-361	STORAGE	4388.00	4395.00	100.00	
Stor-12-364	STORAGE	4385.50	4392.50	100.00	
Stor-12-365	STORAGE	4384.00	4391.00	100.00	
Stor-12-366	STORAGE	4378.00	4385.00	100.00	
Stor-12-367	STORAGE	4362.91	4369.91	100.00	

Stor-12-368	STORAGE	4375.00	4382.00	100.00
Stor-12-369	STORAGE	4373.69	4380.69	100.00
Stor-13	STORAGE	4374.00	4381.00	100.00
Stor-14	STORAGE	4384.00	4391.00	100.00
Stor-15	STORAGE	4385.00	4392.00	100.00
Stor-16	STORAGE	4395.00	4402.00	100.00
Stor-17	STORAGE	4423.00	4430.00	100.00
Stor-18	STORAGE	4370.00	4377.00	100.00
Stor-19	STORAGE	4371.00	4371.00	100.00
Stor-20	STORAGE	4372.00	4379.00	100.00
Stor-21	STORAGE	4377.00	4384.00	100.00
Stor-22	STORAGE	4375.00	4382.00	100.00
Stor-23	STORAGE	4381.00	4388.00	100.00
Stor-24	STORAGE	4382.00	4389.00	100.00
Stor-25	STORAGE	4392.00	4400.00	100.00
Stor-26	STORAGE	4402.00	4409.00	100.00
Stor-27	STORAGE	4394.00	4401.00	100.00
Stor-28	STORAGE	4383.00	4390.00	100.00
Stor-29	STORAGE	4379.00	4387.00	100.00
Stor-30	STORAGE	4374.00	4381.00	100.00
Stor-31	STORAGE	4362.00	4370.00	100.00
Stor-32	STORAGE	4367.00	4374.00	100.00
Stor-33	STORAGE	4361.00	4368.00	100.00
Stor-34	STORAGE	4363.00	4370.00	100.00
Stor-35	STORAGE	4364.00	4371.00	100.00
Stor-36	STORAGE	4374.00	4381.00	100.00
Stor-37	STORAGE	4374.00	4381.00	100.00
Stor-38	STORAGE	4368.00	4375.00	100.00
Stor-39	STORAGE	4445.00	4453.00	100.00
Stor-40	STORAGE	4452.00	4459.00	100.00
Stor-41	STORAGE	4443.50	4450.50	100.00
Stor-42	STORAGE	4443.50	4450.50	100.00
Stor-43	STORAGE	4382.00	4389.00	100.00
Stor-44	STORAGE	4382.00	4389.00	100.00
Stor-45	STORAGE	4394.00	4401.00	100.00
Stor-46	STORAGE	4444.00	4451.00	100.00
Stor-47	STORAGE	4389.50	4396.50	100.00
Stor-48	STORAGE	4384.00	4391.00	100.00
Stor-49	STORAGE	4381.00	4388.00	100.00
Stor-50	STORAGE	4444.00	4451.00	100.00
Stor-51	STORAGE	4444.00	4451.00	100.00
Stor-52	STORAGE	4444.00	4451.00	100.00
Stor-53	STORAGE	4446.00	4453.00	100.00
Stor-54	STORAGE	4444.00	4451.00	100.00
Stor-55	STORAGE	4444.00	4451.00	100.00
Stor-56	STORAGE	4367.00	4373.00	100.00
Stor-57	STORAGE	4376.00	4383.00	100.00
Stor-58	STORAGE	4358.00	4365.00	100.00
Stor-59	STORAGE	4367.00	4377.00	100.00
Stor-60	STORAGE	4386.00	4395.00	100.00

Stor-61	STORAGE	4386.00	4395.00	100.00	
Stor-62	STORAGE	4403.00	4410.00	100.00	
Stor-63	STORAGE	4387.00	4394.00	100.00	
Stor-64	STORAGE	4393.00	4400.00	100.00	
Stor-65	STORAGE	4406.00	4413.00	100.00	
Stor-66	STORAGE	4414.00	4421.00	100.00	
Stor-67	STORAGE	4408.00	4415.00	100.00	
Stor-68	STORAGE	4444.00	4451.00	100.00	

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Link Summary
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Link ID	From Node	To Node	Element Type	Length ft	Slope %	Manning's Roughness
Link-01	Jun-01-J	J919	CONDUIT	293.3	0.9409	0.0130
Link-05	Jun-07-J	Jun-08-J	CONDUIT	49.0	4.0850	0.0130
Link-06	Jun-09-J	Jun-10-J	CONDUIT	135.8	0.6627	0.0150
Link-10	Jun-14-J	Jun-17-J	CONDUIT	57.1	0.9279	0.0130
Link-102	J1894	Jun-102·4	CONDUIT	387.8	0.6112	0.0130
Link-103	Jun-137·3	Jun-117·3	CONDUIT	435.8	1.3767	0.0150
Link-106	Jun-128	Jun-102	DIRECT	1317.0	0.3000	0.0090
Link-110	J3000	J8000	CONDUIT	488.4	0.3000	0.0130
Link-111	J1527	J470	CONDUIT	440.3	0.6632	0.0130
Link-111·4	Jun-112	Jun-24-J	CONDUIT	86.7	0.6687	0.0130
Link-112	J1548	J1813	CONDUIT	404.3	1.3133	0.0130
Link-116	J1762	Jun-104	CONDUIT	704.6	1.1694	0.0150
Link-117·2	Jun-104	Jun-168·2	CONDUIT	342.8	0.6768	0.0150
Link-119	J8000	J4000	CONDUIT	321.1	0.7537	0.0130
Link-119·2	Jun-167·2	J1762	CONDUIT	91.9	5.5725	0.0130

Link-120	J591	Jun-159·3	CONDUIT	147.1	0.4284
0.0150					
Link-122	Jun-159·3	Jun-160·3	CONDUIT	1203.7	0.5201
0.0150					
Link-123	J464	Jun-167·2	CONDUIT	322.6	1.3888
0.0130					
Link-124	Jun-86-J	Jun-150	CONDUIT	118.1	0.3000
0.0130					
Link-125	J599	J3600	CONDUIT	526.9	0.5200
0.0150					
Link-127	Jun-21-J	Jun-169·2	CONDUIT	739.9	0.3000
0.0130					
Link-128	J3600	Jun-166·3	CONDUIT	83.9	0.6437
0.0090					
Link-129	Diversion-North Area	Jun-21-J	CONDUIT	1385.0	
1.8303	0.0150				
Link-130	Diversion-North Area	Jun-128·2	CONDUIT	671.9	
2.6789	0.0150				
Link-131	Jun-119	Jun-131	CONDUIT	471.2	0.8596
0.0150					
Link-133	Jun-152	Jun-160	CONDUIT	469.1	0.3000
0.0090					
Link-133·2	Diversion-10-298-1	Jun-169·2	DIRECT	665.5	
4.1424	0.0150				
Link-134	Jun-150	Jun-162	CONDUIT	1307.9	0.3000
0.0130					
Link-134·2	Diversion-10-298-1	J1809	DIRECT	871.3	
5.3217	0.0150				
Link-135	J1897	Jun-163	CONDUIT	185.1	0.7079
0.0130					
Link-135·2	Diversion-10-305-1	J1809	DIRECT	481.9	
9.6233	0.0150				
Link-136·2	Diversion-10-305-1	J1548	CONDUIT	594.5	
5.7021	0.0150				
Link-137	Jun-159	Jun-165	CONDUIT	899.7	0.3000
0.0150					
Link-137·2	Jun-85-J	Jun-137	CONDUIT	1279.5	0.7816
0.0150					
Link-14	Jun-24-J	Jun-25-J	CONDUIT	57.2	0.7172
0.0130					
Link-140	Jun-148	Jun-167	CONDUIT	528.7	0.3000
0.0130					
Link-141	Jun-154	Jun-200	CONDUIT	867.8	0.7099
0.0130					
Link-145	Jun-37-J	Jun-172	CONDUIT	1125.6	0.9897
0.0150					
Link-146	Jun-172	Jun-178	CONDUIT	771.1	0.7262
0.0150					
Link-150	Jun-128·2	Jun-30-J	CONDUIT	1646.9	1.0929
0.0130					

Link-150·4	Jun-76-J	Jun-130·4	CONDUIT	303.3	0.6693
0.0130					
Link-151·2	Jun-129	Jun-130	CONDUIT	1346.8	0.6000
0.0150					
Link-152	Jun-162	Jun-174	CONDUIT	1668.0	0.3000
0.0150					
Link-152·2	Diversion-10-303	Jun-130	CONDUIT	275.9	8.0014
0.0150					
Link-153	Jun-82-J	Jun-175	CONDUIT	919.7	0.3295
0.0150					
Link-153·2	Diversion-10-303	J1548	CONDUIT	640.1	5.2964
0.0150					
Link-154	Jun-130	J1548	CONDUIT	549.4	2.1515
0.0130					
Link-155	Jun-177	Stor-11-339	CONDUIT	205.4	0.5356
0.0150					
Link-155·2	Jun-30-J	J45700	CONDUIT	1133.8	0.9905
0.0150					
Link-156	Stor-11-339	J1640	CONDUIT	176.7	0.3000
0.0150					
Link-156·2	Jun-131	Jun-132	CONDUIT	4733.0	0.8299
0.0150					
Link-157	Jun-132	4·2	CONDUIT	2731.8	0.9031
0.0150					
Link-157·3	Jun-197·3	J490	CONDUIT	67.6	0.4143
0.0090					
Link-157·4	J1757	Jun-162·4	CONDUIT	244.0	0.4221
0.0130					
Link-158	Jun-178	Jun-179	CONDUIT	558.0	0.7813
0.0150					
Link-158·2	J1813	Jun-51·2	CONDUIT	1589.2	0.9306
0.0150					
Link-159	Jun-179	J1641	CONDUIT	629.1	0.7598
0.0150					
Link-159·2	J45700	J470	CONDUIT	159.5	2.0684
0.0150					
Link-160	J1641	Jun-139	CONDUIT	29.3	0.7501
0.0150					
Link-160·2	Diversion-10-312-1	J1762	CONDUIT	557.9	
11.0701	0.0150				
Link-160·3	J609	J1593	CONDUIT	193.7	0.9809
0.0130					
Link-161	Jun-139	Jun-83-J	CONDUIT	1142.4	0.7598
0.0150					
Link-161·2	Diversion-10-312-1	J1773	CONDUIT	551.7	
11.8583	0.0150				
Link-162	Jun-180	Jun-105	CONDUIT	313.4	0.3191
0.0150					
Link-162·2	J1773	J1772	CONDUIT	251.1	0.5935
0.0150					

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  Link-164        Jun-105         Jun-181         CONDUIT          197.4    1.0133
    0.0150
  Link-164·2      J1772           J1770           CONDUIT          331.1    0.4893
    0.0150
  Link-165·2      J1770           J1766           CONDUIT          267.9    0.8212
    0.0150
  Link-165·4      Jun-145·4       Jun-81-J        CONDUIT           77.3    0.3000
    0.0130
  Link-167        Jun-134         Jun-135         CONDUIT          788.8    0.5895
    0.0150
  Link-168        Jun-102         Stor-11-345     CONDUIT          100.8    0.9922
    0.0090
  Link-168·2      Jun-135         Jun-136·2       CONDUIT          673.3    0.5896
    0.0150
  Link-169        Stor-11-345     J1646           CONDUIT          417.6    0.3879
    0.0090
  Link-169·2      Jun-136·2       Jun-108         CONDUIT          468.4    1.0163
    0.0150
  Link-17         Jun-19-J        Jun-14-J        CONDUIT          356.5    0.9312
    0.0130
  Link-170        J1646           Jun-125         CONDUIT          806.2    0.3000
    0.0130
  Link-170·2      Diversion-10-318-2Diversion-10-318-1DIRECT          718.1
0.3000      0.0150
  Link-171        Jun-123         Jun-102         DIRECT           654.6    0.3000
    0.0090
  Link-171·2      Diversion-10-318-2Diversion-10-318-3DIRECT         1033.0
0.3000      0.0150
  Link-172        Jun-167         Stor-11-346     CONDUIT           74.9    0.3337
    0.0130
  Link-172·2      Diversion-10-318-1Jun-133        DIRECT           405.4
18.9091      0.0150
  Link-173        Stor-11-346     Jun-42-J        CONDUIT           76.1    0.3286
    0.0130
  Link-173·2      Diversion-10-318-1Jun-134        DIRECT           426.0
18.9244      0.0150
  Link-174        Jun-163         Jun-184         CONDUIT          819.9    0.7099
    0.0130
  Link-174·2      Diversion-10-318-3Jun-135        DIRECT           391.4
21.7837      0.0150
  Link-174·3      Jun-215         Jun-216         CONDUIT          753.8    0.3000
    0.0090
  Link-175        Jun-183         Jun-184         CONDUIT          805.3    0.3000
    0.0150
  Link-175·2      Diversion-10-318-3Jun-136·2      DIRECT           439.4
20.3095      0.0150
  Link-176        Jun-184         Jun-54-J        CONDUIT          389.7    0.7107
    0.0130
  Link-177        Jun-165         Out-01          CONDUIT          533.7  815.9862
    0.0150
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Link-178·2	Jun-137	Jun-144·2	CONDUIT	420.5	0.5660 0.0150
Link-179·4	Jun-154·4	Jun-140·4	CONDUIT	113.8	0.3000 0.0130
Link-180	Diversion-12-355-2	Jun-185	CONDUIT	748.3	0.8178 0.0150
Link-180·2	Diversion-9-274-2	Jun-204	CONDUIT	1409.5	0.7804 0.0150
Link-181	Jun-310	Jun-186	DIRECT	342.1	0.3000 0.0150
Link-181·2	Jun-141·2	Jun-160·2	CONDUIT	751.2	0.6749 0.0150
Link-181·3	Jun-227	Jun-224	CONDUIT	127.8	0.3913 0.0090
Link-181·4	Jun-156·4	Jun-07-J	CONDUIT	420.6	0.3000 0.0130
Link-182	Jun-185	Jun-187	CONDUIT	587.6	0.6807 0.0150
Link-182·4	J1818	Jun-145·4	CONDUIT	86.3	0.3014 0.0130
Link-183	Jun-186	Jun-188	CONDUIT	586.0	0.3000 0.0150
Link-183·2	Jun-144·2	Jun-145·2	CONDUIT	308.8	0.6186 0.0150
Link-184	Jun-188	Jun-187	CONDUIT	280.5	0.3000 0.0150
Link-184·2	Jun-145·2	Jun-146·2	CONDUIT	548.7	0.6196 0.0150
Link-185	Jun-187	J1639	CONDUIT	335.7	0.6792 0.0150
Link-185·2	Jun-146·2	Jun-147	CONDUIT	690.6	0.6197 0.0150
Link-186	Jun-195	Jun-196	CONDUIT	723.7	0.9838 0.0150
Link-186·2	Jun-147	Jun-148·2	CONDUIT	605.6	0.6192 0.0150
Link-186·4	Diversion-9-274-2	Jun-161·4	CONDUIT	1054.5	0.3000 0.0130
Link-187	Jun-196	Jun-197	CONDUIT	532.1	0.9904 0.0150
Link-187·2	Diversion-10-329-1	Jun-145·2	DIRECT	451.8	14.0081 0.0150
Link-188	Jun-197	Jun-37-J	CONDUIT	290.0	0.9897 0.0150
Link-188·2	Diversion-10-329-1	Jun-146·2	DIRECT	460.2	14.4925 0.0150
Link-190	Diversion-10-329-2	Jun-147	DIRECT	758.8	9.4851 0.0150
Link-190·4	Jun-139·4	Jun-09-J	CONDUIT	224.5	0.6592 0.0150

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  Link-191        Jun-148·2       Jun-149         CONDUIT          957.0    0.6196
    0.0150
  Link-191·4      Jun-155·4       Out-02·4        CONDUIT          194.8 2247.8948
    0.0150
  Link-192        Jun-149         Jun-152·2       CONDUIT          417.4    0.6205
    0.0150
  Link-193        Jun-150·2       Jun-153         CONDUIT          417.4    0.6206
    0.0150
  Link-193·4      Jun-142         Jun-163·4       CONDUIT          469.8    0.3000
    0.0130
  Link-194        Jun-200         J1897           CONDUIT          422.0    0.7110
    0.0130
  Link-194·2      Diversion-10-333-1Jun-148·2       DIRECT           584.8
12.9489      0.0150
  Link-194·4      Jun-26-J        Jun-165·4       CONDUIT          458.9    0.4358
    0.0130
  Link-195·2      Diversion-10-333-1Jun-149         DIRECT           609.5
13.3956      0.0150
  Link-195·4      Jun-161·4       J1757           CONDUIT          655.0    1.7543
    0.0130
  Link-196        J4000           Jun-148         CONDUIT           29.3    0.7167
    0.0130
  Link-196·4      Jun-162·4       Jun-142         CONDUIT          430.4    2.7765
    0.0130
  Link-198        Diversion-11-336-1Jun-196         CONDUIT          481.0
1.6880      0.0150
  Link-198·3      Jun-230         Jun-227         CONDUIT          205.9    0.3000
    0.0090
  Link-199        Diversion-11-338-1Jun-197         CONDUIT          156.2
0.3000      0.0150
  Link-199·2      Diversion-10-333-2Diversion-10-333-1DIRECT          652.3
0.3066      0.0150
  Link-20         J919            Jun-19-J        CONDUIT          157.0    0.9297
    0.0130
  Link-200        Diversion-11-338-1Jun-37-J        CONDUIT          228.0
1.4301      0.0150
  Link-200·2      Diversion-10-333-2Jun-152·2       DIRECT          1603.8
5.3772      0.0150
  Link-200·4      Jun-166·4       Jun-26-J        CONDUIT          263.3    0.3000
    0.0130
  Link-201        Diversion-11-337-1Out-03          DIRECT           365.3
1204.1168      0.0150
  Link-201·2      Jun-152·2       Jun-150·2       CONDUIT          524.2    0.6200
    0.0150
  Link-201·4      Diversion-9-274 Diversion-9-274-2CONDUIT          980.8    1.8352
     0.0150
  Link-202        Diversion-11-337-1Diversion-11-337-2DIRECT          455.8
0.3000      0.0150
  Link-202·2      Jun-153         Jun-139·2       CONDUIT          470.8    1.0451
    0.0150
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  Link-202·4      Diversion-9-274 Jun-161·4       CONDUIT          201.5    9.6923
    0.0150
  Link-203        Diversion-11-337-2Diversion-11-337-3DIRECT          1042.8
0.4795      0.0150
  Link-203·2      Diversion-10-334-1Jun-152·2       DIRECT           485.0
17.1625      0.0150
  Link-203·4      Diversion-9-273 J1757           CONDUIT          213.6    1.4142
    0.0150
  Link-204        Diversion-11-337-2Jun-172         DIRECT          1245.2
0.3000      0.0150
  Link-204·2      Diversion-10-334-1Jun-150·2       DIRECT           530.6
16.3010      0.0150
  Link-204·4      Diversion-9-273 Jun-162·4       CONDUIT          237.6    1.7045
    0.0150
  Link-205        Diversion-11-337-3Out-04          CONDUIT          654.6
670.0275      0.0150
  Link-205·2      Diversion-10-334-3Jun-153         DIRECT           487.0
18.2912      0.0150
  Link-205·4      Diversion-9-272 Jun-142         CONDUIT          387.6    1.5479
    0.0150
  Link-206        Diversion-11-337-3Diversion-11-337-4CONDUIT          347.8
0.5750      0.0150
  Link-206·2      Diversion-10-334-3Out-04·2        CONDUIT          505.7
18.5866      0.0150
  Link-206·4      Diversion-9-272 Jun-163·4       CONDUIT          297.8    2.0146
    0.0150
  Link-207        Diversion-10-334-2Diversion-10-334-1DIRECT          415.4
0.3000      0.0150
  Link-207·4      Diversion-9-271 Jun-164         DIRECT           413.3    2.4198
    0.0150
  Link-208        Diversion-11-337-4J1641           CONDUIT         1049.9
0.7753      0.0150
  Link-208·2      Diversion-10-334-2Diversion-10-334-3DIRECT          560.0
0.3000      0.0150
  Link-208·4      Diversion-9-271 Jun-166·4       DIRECT           508.4    2.6552
    0.0150
  Link-209        Diversion-11-340-1Jun-178         CONDUIT          284.0
0.3521      0.0150
  Link-209·4      Jun-28·4        Jun-26-J        CONDUIT          859.4    0.3000
    0.0130
  Link-210        Diversion-11-340-1Diversion-11-340-2CONDUIT          252.0
1.1905      0.0150
  Link-210·4      Diversion-9-270 Jun-165·4       DIRECT           353.6    1.6970
    0.0150
  Link-211        Diversion-11-340-2Jun-179         CONDUIT          329.1
0.7172      0.0150
  Link-211·2      Diversion-10-328-1Jun-146·2       CONDUIT          352.8
19.1854      0.0150
  Link-212        Diversion-11-340-2J1641           CONDUIT          493.8
0.8384      0.0150
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  Link-212·2      Diversion-10-328-2Jun-159·2       CONDUIT          617.5
13.0781      0.0150
  Link-212·4      Jun-130·4       Jun-112         CONDUIT          455.8    0.6692
    0.0150
  Link-213·2      Diversion-10-332-1Jun-147         CONDUIT          509.2
13.9373      0.0150
  Link-213·4      J1837           Jun-87-J        CONDUIT          127.4    1.0673
    0.0150
  Link-214        Diversion-10-332-1Jun-149         CONDUIT          785.9
10.2624      0.0150
  Link-214·4      J1831           Jun-144·4       CONDUIT          423.6    0.5666
    0.0150
  Link-215        Diversion-11-339-1Jun-37-J        CONDUIT          284.7
0.3000      0.0150
  Link-215·2      Jun-156         Jun-140         CONDUIT         1114.4    0.3000
    0.0150
  Link-215·4      Jun-167·4       J1831           CONDUIT          526.4    0.5566
    0.0130
  Link-216        Diversion-11-339-1Diversion-11-339-2CONDUIT          497.6
1.4068      0.0150
  Link-216·2      Diversion-10-332-3Jun-156         CONDUIT          254.7
35.8601      0.0150
  Link-216·4      Jun-92-J        Jun-167·4       CONDUIT          286.1    0.6990
    0.0130
  Link-217        Diversion-11-339-2Jun-172         CONDUIT          778.8
0.5650      0.0150
  Link-217·2      Diversion-10-332-3Jun-140         CONDUIT          968.3
9.7076      0.0150
  Link-217·4      Jun-17-J        Jun-124         CONDUIT          215.3    0.9291
    0.0130
  Link-219        Diversion-11-339-2Diversion-11-339-3CONDUIT          533.0
0.9381      0.0150
  Link-219·2      Diversion-10-332-2Diversion-10-332-3CONDUIT          903.6
0.3000      0.0150
  Link-219·4      J1842           Jun-168         CONDUIT          367.7    0.3000
    0.0150
  Link-220        Diversion-11-339-3Jun-179         CONDUIT         1342.8
0.6971      0.0150
  Link-220·4      J1841           Jun-168         CONDUIT          195.4    0.3685
    0.0150
  Link-221        Diversion-11-339-3Diversion-11-339-4CONDUIT          767.1
0.3000      0.0150
  Link-221·4      Jun-168         J1845           CONDUIT          126.7    0.3000
    0.0130
  Link-222        Diversion-11-339-4Jun-185         CONDUIT          468.6
0.3000      0.0150
  Link-222·2      Jun-157         Jun-158         CONDUIT          439.9    0.8002
    0.0150
  Link-222·3      J1600           Jun-325         CONDUIT          216.2    0.3000
    0.0130
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  Link-222·4      Jun-87-J        Jun-169·4       CONDUIT          130.2    0.3840
    0.0150
  Link-223        Diversion-11-339-4Diversion-11-339-5CONDUIT          374.3
1.6031      0.0150
  Link-223·4      Jun-169·4       Jun-44-J        CONDUIT          811.3    0.3000
    0.0150
  Link-224        Diversion-11-339-5Jun-177         CONDUIT          538.6
0.5570      0.0150
  Link-224·4      Jun-170·4       Jun-165·4       CONDUIT          498.9    0.3007
    0.0130
  Link-225        Diversion-11-339-5J1639           CONDUIT          643.5
0.3000      0.0150
  Link-226        Diversion-11-341-1Jun-186         CONDUIT          208.5
0.3000      0.0150
  Link-226·2      Jun-158         Jun-159·2       CONDUIT          891.5    0.8357
    0.0150
  Link-226·4      Jun-181·4       Jun-182         CONDUIT         1316.5    0.3403
    0.0130
  Link-227        Diversion-11-341-1Jun-188         CONDUIT          392.6
0.3000      0.0150
  Link-227·2      Jun-159·2       Jun-156         CONDUIT         1147.0    0.8361
    0.0150
  Link-227·4      Jun-182         Jun-183·4       CONDUIT          802.3    0.3403
    0.0130
  Link-228        Diversion-11-344-1Jun-187         DIRECT           612.6
0.3000      0.0150
  Link-228·2      Diversion-10-328-2Jun-158         CONDUIT          353.5
20.7389      0.0150
  Link-228·4      Jun-183·4       Jun-177·4       CONDUIT          258.9    0.9735
    0.0130
  Link-229        Diversion-11-344-1Diversion-11-344-3DIRECT           522.9
1.3388      0.0150
  Link-229·2      Diversion-10-328-1Diversion-10-328-2CONDUIT          159.3
0.6277      0.0150
  Link-229·3      Jun-281         Jun-282         CONDUIT          798.8    0.7498
    0.0090
  Link-229·4      Diversion-9-270 Out-09          DIRECT           916.8    1.7453
    0.0150
  Link-23         Jun-34-J        Jun-35-J        CONDUIT           74.6    0.6704
    0.0130
  Link-230·2      Jun-160·2       Jun-161·2       CONDUIT          474.9    0.6801
    0.0150
  Link-230·4      Jun-173         Jun-174·4       CONDUIT         1594.8    0.3000
    0.0150
  Link-231        Diversion-10-327-1Jun-141·2       CONDUIT          746.7
10.1787      0.0150
  Link-231·4      Jun-174·4       Jun-175·4       CONDUIT          735.9    0.3000
    0.0150
  Link-232        Diversion-11-344-4Jun-154         DIRECT          1466.6
0.3000      0.0150
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  Link-232·2      Diversion-10-327-1Jun-160·2       CONDUIT          728.8
11.1235      0.0150
  Link-232·3      J611            J614            CONDUIT          243.9    0.4018
    0.0090
  Link-232·4      Jun-175·4       Jun-176         CONDUIT         1133.8    0.6192
    0.0150
  Link-233·2      Jun-161·2       Jun-162·2       CONDUIT          471.5    0.6808
    0.0150
  Link-234        Jun-162·2       Jun-163·2       CONDUIT          356.6    0.6787
    0.0150
  Link-234·4      Jun-171·4       Jun-184·4       CONDUIT         1094.7    0.3252
    0.0150
  Link-235        Diversion-11-344-5Jun-83-J        DIRECT          1568.8
0.3000      0.0150
  Link-235·2      Diversion-10-330Jun-161·2       CONDUIT          505.6   16.6742
    0.0150
  Link-235·4      Jun-184·4       Jun-185·4       CONDUIT         1224.8    0.6564
    0.0150
  Link-236        Diversion-11-344-5Diversion-11-344-6DIRECT           247.8
1.2105      0.0150
  Link-236·2      Diversion-10-330Jun-162·2       CONDUIT          572.4   15.2877
    0.0150
  Link-236·4      Jun-185·4       Jun-178·4       CONDUIT          769.7    0.5002
    0.0150
  Link-237        Diversion-11-344-6J1004           DIRECT          1646.4
0.3000      0.0150
  Link-237·2      Jun-163·2       Jun-142·2       CONDUIT          451.8    1.1221
    0.0150
  Link-238        Diversion-11-344-6Diversion-11-344-7DIRECT           237.4
0.3000      0.0150
  Link-238·2      Diversion-10-331Jun-163·2       CONDUIT          507.3   17.7289
    0.0150
  Link-239        Diversion-11-344-7J4200           DIRECT          1724.0
0.3950      0.0150
  Link-239·2      Diversion-10-331Out-05·2        CONDUIT          610.1   15.5699
    0.0150
  Link-240        Diversion-11-344-7Jun-200         DIRECT           441.8
0.4029      0.0150
  Link-240·2      Jun-164·2       Jun-165·2       CONDUIT          602.6    0.4995
    0.0130
  Link-240·3      Jun-108·3       Jun-281         CONDUIT           92.0    0.7496
    0.0090
  Link-240·4      Jun-187·4       Jun-179·4       CONDUIT         1382.9    0.3001
    0.0130
  Link-241        Jun-165·2       Jun-166         CONDUIT          989.6    0.5002
    0.0130
  Link-241·3      Jun-291         Jun-152         CONDUIT          204.7    1.1774
    0.0090
  Link-242·2      Jun-166         Out-01·2        CONDUIT          584.7    0.4994
    0.0130
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  Link-243        Diversion-11-344-3Jun-180         DIRECT           690.4
0.3000      0.0150
  Link-243·2      Diversion-10-326Jun-165·2       CONDUIT          654.8   14.2279
    0.0150
  Link-243·4      Jun-176         Jun-189         CONDUIT          798.2    0.3000
    0.0130
  Link-244        Diversion-11-344-3Diversion-11-344-4DIRECT           273.1
1.8306      0.0150
  Link-244·2      Diversion-10-326Jun-166         CONDUIT          512.8   19.1337
    0.0150
  Link-244·4      Jun-189         Jun-190         CONDUIT          971.9    0.4496
    0.0130
  Link-245        J470            Jun-167·2       CONDUIT          639.0    0.9562
    0.0130
  Link-245·4      Jun-179·4       Jun-188·4       CONDUIT          875.5    0.5003
    0.0130
  Link-246        Diversion-11-345-1Jun-126         DIRECT           111.1
0.8998      0.0090
  Link-246·2      Jun-168·2       Jun-133         CONDUIT          930.7    0.5727
    0.0150
  Link-247        Diversion-11-345-1Jun-128         DIRECT           123.8
0.8079      0.0090
  Link-247·2      Jun-169·2       Diversion-9-274-2CONDUIT          291.6    4.2631
     0.0130
  Link-247·4      Jun-10-J        Jun-08-J        CONDUIT           86.2    0.6611
    0.0150
  Link-248·2      Jun-140         Out-02·2        CONDUIT          884.6    0.3000
    0.0150
  Link-248·4      Jun-08-J        Jun-28·4        CONDUIT          398.3    0.5021
    0.0130
  Link-250        Diversion-9-266 Out-04·4        CONDUIT          315.9 1387.5962
    0.0150
  Link-251        Diversion-11-343-2Diversion-11-343-3CONDUIT         1029.7
0.4856      0.0150
  Link-251·4      Diversion-9-266 Jun-99-J        CONDUIT          421.8    0.4741
    0.0150
  Link-252        Diversion-11-343-3Jun-83-J        CONDUIT           347.0
0.3000      0.0150
  Link-252·3      Jun-299         Jun-300         CONDUIT          348.2    0.6088
    0.0090
  Link-252·4      Jun-102·4       Jun-187·4       CONDUIT          887.3    0.7145
    0.0150
  Link-253        Diversion-11-343-3J1004           CONDUIT           852.6
0.5501      0.0150
  Link-253·4      Jun-148·4       Jun-128·4       CONDUIT          810.9    0.6536
    0.0150
  Link-254        Diversion-11-343-2Jun-83-J        CONDUIT           578.8
1.0436      0.0150
  Link-254·4      Jun-128·4       Jun-25-J        CONDUIT          105.6    0.6626
    0.0150
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Link-255	Diversion-11-342-1Out-05		DIRECT	737.2	593.1824	0.0150
Link-255·4	Jun-25-J	J1837	CONDUIT	253.1	0.8455	0.0150
Link-256	Jun-180·4	J4300	CONDUIT	528.4	0.5564	0.0150
Link-258	Diversion-11-342-2Out-06		DIRECT	1057.9	413.0786	0.0150
Link-258·3	Jun-297	Jun-181	CONDUIT	814.4	0.3000	0.0130
Link-259	Diversion-11-342-2	Diversion-11-342-3	DIRECT	750.0	0.3000	0.0150
Link-259·3	Stor-12-353	J1086	CONDUIT	122.8	0.6921	0.0150
Link-259·4	Jun-194	Jun-179·4	CONDUIT	655.2	0.5677	0.0130
Link-260	Diversion-11-342-3	Jun-82-J	DIRECT	598.5	0.8137	0.0150
Link-260·3	Jun-122	Stor-12-353	CONDUIT	79.9	5.0075	0.0150
Link-260·4	Jun-45-J	Jun-195·4	CONDUIT	416.1	0.6177	0.0130
Link-261	Diversion-11-342-3	J1005	DIRECT	438.2	0.3000	0.0150
Link-261·3	Jun-210	Jun-254	CONDUIT	140.2	0.9486	0.0150
Link-261·4	Jun-195·4	Jun-194	CONDUIT	1139.6	0.7204	0.0130
Link-262	J1081	J609	CONDUIT	363.8	0.9813	0.0150
Link-262·4	Diversion-9-275-1	Jun-173	DIRECT	332.8	0.9014	0.0150
Link-263	Diversion-11-348-1	Diversion-11-348-2	CONDUIT	810.3	0.3000	0.0150
Link-263·3	Jun-306	Jun-307	CONDUIT	482.3	1.0014	0.0150
Link-263·4	Diversion-9-275-1	Diversion-9-275-2	DIRECT	382.4	0.3000	0.0150
Link-264	Diversion-11-348-2	Jun-175	CONDUIT	1004.7	0.3000	0.0150
Link-264·3	Jun-307	Jun-308	CONDUIT	316.9	1.0004	0.0150
Link-264·4	Diversion-9-275-2	Jun-170·4	DIRECT	267.8	-0.5601	0.0150
Link-266	Jun-309	Jun-310	CONDUIT	272.2	0.3000	0.0150
Link-266·4	Diversion-9-275-3	Jun-181·4	DIRECT	441.4	0.3000	0.0150
Link-267	Jun-133·3	Stor-12-358	CONDUIT	47.5	31.6122	0.0150

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  Link-267·4      Diversion-9-275-3Jun-174·4       DIRECT          1001.6    0.3000
     0.0150
  Link-268        Jun-201         Jun-202         CONDUIT         1803.2    0.3327
    0.0150
  Link-268·4      Diversion-9-276-1Jun-27-J        CONDUIT          642.5    0.3000
     0.0150
  Link-269        Diversion-11-349-1Jun-201         DIRECT           603.0
2.1558      0.0150
  Link-269·4      Diversion-9-276-1Diversion-9-276-2DIRECT           168.6
2.9654      0.0150
  Link-270        Diversion-11-349-1Diversion-11-349-2DIRECT           449.2
0.6678      0.0150
  Link-270·4      Diversion-9-276-2Jun-170·4       DIRECT           236.7   -1.0562
     0.0150
  Link-271        Diversion-11-349-2Jun-175         DIRECT           442.3
2.0123      0.0150
  Link-271·3      Jun-200·3       Stor-12-361     CONDUIT          258.9    0.3862
    0.0150
  Link-271·4      Diversion-9-276-2Diversion-9-276-3DIRECT           639.2
0.3000      0.0150
  Link-272        Diversion-11-349-2Diversion-11-349-3DIRECT           895.1
0.5586      0.0150
  Link-272·4      Diversion-9-276-3Jun-181·4       DIRECT           360.3    0.6300
     0.0150
  Link-273        Diversion-11-349-3Jun-184         DIRECT          1829.2
0.3000      0.0150
  Link-273·3      Stor-12-361     Jun-126·3       CONDUIT          326.3    0.8825
    0.0150
  Link-274        Diversion-11-349-3Diversion-11-349-4DIRECT           677.2
0.7383      0.0150
  Link-274·3      Jun-157·3       Stor-12-368     CONDUIT          319.5    0.3130
    0.0150
  Link-274·4      Diversion-9-276-3Jun-182         DIRECT          1631.8    0.4137
     0.0150
  Link-275        Diversion-9-288-1Jun-182         DIRECT           423.0    0.4137
     0.0150
  Link-276        Diversion-11-349-4Jun-35-J        DIRECT          2073.2
0.3000      0.0150
  Link-276·4      Diversion-9-288-1Jun-175·4       CONDUIT          408.8    0.3000
     0.0150
  Link-277        Diversion-11-346-1J1000           DIRECT           460.4
1.1491      0.0150
  Link-278        Diversion-11-346-1Diversion-11-346-2DIRECT           365.4
0.6841      0.0150
  Link-278·4      Diversion-9-289-2Jun-177·4       CONDUIT          514.8    0.9713
     0.0150
  Link-279        Diversion-11-346-2Jun-160         DIRECT           758.1
0.3000      0.0150
  Link-279·3      Jun-96-J        Stor-12-369     CONDUIT           66.3    0.3000
    0.0150
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  Link-279·4      Diversion-9-289-2Diversion-9-289-1CONDUIT          592.6
0.3000      0.0150
  Link-28         Jun-42-J        Jun-34-J        CONDUIT          292.3    1.0264
    0.0130
  Link-28·4       Jun-44-J        Jun-45-J        CONDUIT           67.7    0.3000
    0.0130
  Link-280        Diversion-11-346-2Diversion-11-346-3DIRECT           693.2
0.3606      0.0150
  Link-280·3      Jun-314         Stor-12-369     CONDUIT          651.1    0.3000
    0.0150
  Link-280·4      Diversion-9-289-1Jun-183·4       CONDUIT          352.9    0.4194
     0.0150
  Link-281        Diversion-11-346-3Jun-117         DIRECT           565.8
0.3535      0.0150
  Link-281·3      Stor-12-366     Jun-107         CONDUIT          121.7    0.8220
    0.0090
  Link-281·4      Diversion-9-289-1Jun-176         CONDUIT          602.6    0.8297
     0.0150
  Link-282        J2500           Jun-327         CONDUIT          820.8    1.4790
    0.0130
  Link-282·4      Diversion-9-277-1Jun-171·4       DIRECT           403.9    0.3000
     0.0150
  Link-283        Diversion-11-346-3Diversion-346-4 DIRECT           734.3
0.3000      0.0150
  Link-283·3      Jun-248         Stor-12-365     CONDUIT          402.5    0.3000
    0.0150
  Link-283·4      Diversion-9-277-1Jun-184·4       DIRECT          1304.8    0.3150
     0.0150
  Link-284        Diversion-346-4 Diversion-11-346-5DIRECT           591.5
0.3000      0.0150
  Link-284·3      Jun-216         Stor-12-364     CONDUIT          110.7    0.4518
    0.0150
  Link-285        Diversion-11-346-5Jun-159         CONDUIT         1711.6
0.3000      0.0150
  Link-285·3      Jun-224         Stor-12-364     CONDUIT           56.3    0.8883
    0.0150
  Link-286        Diversion-11-346-5Diversion-11-346-6DIRECT           402.6
1.5648      0.0150
  Link-286·3      Jun-315         Stor-12-366     CONDUIT          630.0    0.7936
    0.0150
  Link-287        Diversion-11-346-6Jun-161         DIRECT           939.0
0.3000      0.0150
  Link-287·3      Jun-316         Stor-12-366     DIRECT           566.0    0.3000
    0.0150
  Link-288        Diversion-11-346-6Jun-35-J        CONDUIT          730.7
0.5474      0.0150
  Link-289        Diversion-346-4 Jun-167         DIRECT           650.4    0.9994
    0.0150
  Link-289·3      Jun-273         Jun-310         CONDUIT          372.2    1.8163
    0.0150
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Link-289·4	Diversion-9-278-3	Jun-185·4	CONDUIT	443.0	0.9030 0.0150
Link-290	Diversion-11-348-2	Jun-174	CONDUIT	580.3	0.8617 0.0150
Link-290·3	J1593	Jun-308	CONDUIT	391.4	0.9810 0.0150
Link-291	Diversion-11-336-1	Jun-195	CONDUIT	277.6	0.3602 0.0150
Link-291·3	Jun-126·3	J591	CONDUIT	425.8	0.3000 0.0150
Link-292	Diversion-11-337-4	Jun-179	DIRECT	361.6	0.9291 0.0150
Link-292·3	J583	Jun-38-J	CONDUIT	267.8	12.5784 0.0150
Link-293·3	Jun-38-J	Jun-39-J	CONDUIT	215.0	12.5791 0.0150
Link-294	Stor-12-368	Jun-319	CONDUIT	133.2	0.3000 0.0150
Link-295	Jun-319	Jun-320	CONDUIT	81.8	0.3000 0.0150
Link-296	Jun-320	Jun-95-J	CONDUIT	259.8	0.3000 0.0150
Link-296·4	Diversion-9-281-1	J1890	CONDUIT	234.7	0.3000 0.0150
Link-297	Jun-166·3	Jun-321	CONDUIT	489.2	0.6091 0.0090
Link-297·4	Diversion-9-281-1	J1892	CONDUIT	341.9	1.0325 0.0150
Link-298	Jun-160	Jun-203	CONDUIT	707.1	0.3000 0.0090
Link-298·3	Jun-321	Jun-322	CONDUIT	454.4	0.6096 0.0090
Link-298·4	Diversion-9-283	Jun-75-J	DIRECT	322.6	0.3099 0.0150
Link-299	Jun-322	Jun-299	CONDUIT	379.5	0.6087 0.0090
Link-299·4	Diversion-9-283	Jun-148·4	DIRECT	383.5	0.7823 0.0150
Link-300	Jun-198	Jun-161	CONDUIT	1500.4	0.3000 0.0090
Link-300·3	J490	J611	CONDUIT	577.0	0.4003 0.0090
Link-300·4	Diversion-9-282-1	J1890	CONDUIT	141.1	1.0843 0.0150
Link-301	Jun-117	Jun-198	DIRECT	747.3	0.6690 0.0150
Link-301·3	Jun-179·3	J611	CONDUIT	483.8	0.3000 0.0090
Link-301·4	Diversion-9-282-1	Diversion-3282-2	CONDUIT	355.2	0.5630 0.0150

Link-302	Diversion-11-348-1	Jun-86-J	CONDUIT	660.4	0.3000	0.0150
Link-302·4	Diversion-3282-2	J1892	CONDUIT	306.3	0.8259	0.0150
Link-303	Jun-125	Jun-183	CONDUIT	322.8	0.3098	0.0130
Link-303·3	Jun-282	Stor-12-367	CONDUIT	736.5	0.7495	0.0090
Link-303·4	Diversion-3282-2	J1894	CONDUIT	389.7	0.8058	0.0150
Link-304	Jun-126	Jun-123	DIRECT	636.1	0.3000	0.0090
Link-304·4	Diversion-9-284-1	J919	CONDUIT	218.0	1.2661	0.0150
Link-305	Jun-203	Jun-198	CONDUIT	928.6	0.6461	0.0090
Link-305·3	Jun-323	Stor-12-367	CONDUIT	334.5	0.9596	0.0150
Link-305·4	Diversion-9-284-1	Diversion-9-284-2	CONDUIT	111.9	2.6802	0.0150
Link-308	Jun-300	Jun-152	CONDUIT	153.3	0.6068	0.0130
Link-308·4	Diversion-9-284-2	Jun-14-J	CONDUIT	502.9	0.9027	0.0150
Link-309	Jun-160·3	J599	CONDUIT	807.7	0.5200	0.0150
Link-309·4	Diversion-9-286-1	Jun-92-J	CONDUIT	275.1	2.1810	0.0150
Link-310	Stor-12-369	J599	CONDUIT	164.4	0.3000	0.0150
Link-310·4	Diversion-9-286-1	Diversion-9-286-2	DIRECT	181.1	0.5522	0.0150
Link-311	J1672	J1081	CONDUIT	620.7	0.9795	0.0150
Link-311·4	Diversion-9-286-2	Diversion-9-286-3	DIRECT	175.6	3.4163	0.0150
Link-312	Jun-254	J1086	CONDUIT	335.1	0.4536	0.0150
Link-312·4	Diversion-9-286-2	Jun-17-J	DIRECT	204.8	0.3000	0.0150
Link-313	J1086	J1672	CONDUIT	307.3	0.5728	0.0150
Link-313·4	Diversion-9-286-3	Jun-167·4	DIRECT	435.8	0.3000	0.0150
Link-314·4	Diversion-9-286-3	Diversion-9-286-4	DIRECT	626.1	0.4791	0.0150
Link-315	Jun-118·3	Jun-37-J	CONDUIT	131.0	0.9617	0.0150
Link-315·4	Diversion-9-286-4	J1831	CONDUIT	373.2	0.3000	0.0150

Link-316·4	Diversion-9-286-4	Jun-144·4	CONDUIT	614.1	0.5422	0.0150
Link-317	Stor-12-358	J2500	CONDUIT	151.0	0.5695	0.0150
Link-317·4	Diversion-9-285-1	J1825	CONDUIT	172.6	1.5934	0.0150
Link-318	J597	Jun-159·3	CONDUIT	474.3	0.4533	0.0150
Link-318·4	Diversion-9-285-1	Diversion-9-285-2	CONDUIT	222.5	0.4495	0.0150
Link-319	Jun-325	J1700	CONDUIT	225.2	0.3000	0.0130
Link-319·4	Diversion-9-285-2	J1842	CONDUIT	255.5	0.4970	0.0150
Link-320	Stor-12-360	Jun-325	CONDUIT	273.5	0.3000	0.0150
Link-320·4	Diversion-9-285-2	J1833	CONDUIT	232.2	0.3000	0.0150
Link-321	Diversion-9-293-2	Jun-45-J	CONDUIT	432.8	0.3465	0.0150
Link-322	Jun-213	Diversion-12-355-2	CONDUIT	498.6	0.6017	0.0150
Link-322·4	Diversion-9-293-2	Diversion-9-293-3	CONDUIT	341.9	1.1699	0.0150
Link-323	Diversion-12-355-2	Jun-273	CONDUIT	393.5	0.6455	0.0150
Link-323·4	Diversion-9-293-3	Jun-195·4	CONDUIT	406.1	0.3000	0.0150
Link-324	Diversion-12-350	Jun-137·3	CONDUIT	322.5	0.3000	0.0150
Link-325	Jun-204	Jun-205	CONDUIT	362.5	0.8277	0.0150
Link-326	Diversion-12-351	Jun-117·3	CONDUIT	267.9	0.3000	0.0150
Link-326·4	Diversion-9-293-3	Jun-180·4	CONDUIT	695.0	0.3000	0.0150
Link-327	Diversion-12-351	Jun-118·3	CONDUIT	396.6	1.0087	0.0150
Link-327·4	Diversion-9-290-1	Jun-185·4	CONDUIT	582.0	0.3000	0.0150
Link-328	Diversion-12-352	Jun-210	CONDUIT	175.9	2.8425	0.0150
Link-328·4	Diversion-9-290-1	Jun-178·4	CONDUIT	413.4	0.9676	0.0150
Link-329	Diversion-9-291-1	Jun-179·4	CONDUIT	400.3	0.3000	0.0150
Link-330	Diversion-12-353	Out-01·3	CONDUIT	245.3	1792.9797	0.0150
Link-330·4	Diversion-9-291-1	Jun-188·4	CONDUIT	974.2	0.4496	0.0150

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  Link-331        Diversion-9-292 Jun-179·4       CONDUIT          293.3    0.3000
    0.0150
  Link-332        Diversion-12-354J1672           CONDUIT          314.7    1.7827
    0.0150
  Link-332·4      Diversion-9-292 Jun-188·4       CONDUIT          604.3    0.7249
    0.0150
  Link-333        Diversion-12-354J1081           CONDUIT          396.8    2.9461
    0.0150
  Link-333·4      Diversion-9-295 J4300           DIRECT           682.0    0.3000
    0.0150
  Link-334        Diversion-12-355-1Jun-213         CONDUIT          305.9
0.3000      0.0150
  Link-334·4      Diversion-9-295 Jun-194         DIRECT           461.2    1.3615
    0.0150
  Link-335        Diversion-12-355-1Diversion-12-355-2CONDUIT          250.6
1.1972      0.0150
  Link-335·4      Diversion-9-296-1Jun-189         DIRECT           686.2    2.1319
     0.0150
  Link-336        Diversion-12-357Jun-273         CONDUIT          117.7    0.4586
    0.0150
  Link-336·4      Diversion-9-296-1Diversion-9-296-3DIRECT           403.5
0.3000      0.0150
  Link-337        Diversion-12-357Jun-308         CONDUIT          155.8    3.8521
    0.0150
  Link-337·4      Diversion-9-296-3Jun-190         DIRECT           752.2    2.3930
     0.0150
  Link-338        Diversion-12-358Jun-306         CONDUIT          326.5    0.3000
    0.0150
  Link-339        Diversion-12-358Jun-307         CONDUIT          323.7    1.4921
    0.0150
  Link-339·4      Jun-190         Out-05·4        CONDUIT          773.5    0.3000
    0.0130
  Link-340        Diversion-12-365Jun-230         CONDUIT          407.2    0.3000
    0.0150
  Link-341        Diversion-12-365Stor-12-365     CONDUIT          291.6    1.3718
    0.0150
  Link-341·4      Diversion-9-294-1Jun-144·4       CONDUIT          377.6    0.3000
     0.0150
  Link-342        Jun-327         Jun-328         CONDUIT          226.6    1.3240
    0.0130
  Link-342·4      Diversion-9-294-1Jun-180·4       CONDUIT          732.9    0.8760
     0.0150
  Link-343        Jun-328         Jun-297         CONDUIT          246.4    1.6719
    0.0130
  Link-343·4      Diversion-9-287-1Jun-204         CONDUIT          304.1    0.3000
     0.0150
  Link-344        Diversion-12-359-1Jun-327         CONDUIT          233.7
0.4278      0.0150
  Link-344·4      Diversion-9-287-1Jun-205         CONDUIT          281.6    1.0652
     0.0150
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  Link-345        Diversion-12-359-1Jun-328         CONDUIT          225.7
1.7725      0.0150
  Link-345·4      Jun-27-J        Jun-26-J        CONDUIT          740.0    0.3000
    0.0150
  Link-346        Diversion-12-362Jun-126·3       CONDUIT          187.2    0.4702
    0.0150
  Link-346·4      Jun-177·4       Jun-176         CONDUIT          722.2    0.3000
    0.0130
  Link-347        Diversion-12-362J591            CONDUIT          303.9    0.5002
    0.0150
  Link-347·4      Jun-188·4       Jun-164·2       CONDUIT          953.7    0.5001
    0.0130
  Link-348        Diversion-12-363-1J583            CONDUIT          437.0
0.3000      0.0150
  Link-348·4      Jun-140·4       Jun-155·4       CONDUIT          358.7    0.3000
    0.0150
  Link-349        Diversion-12-363-1Jun-43-J        CONDUIT          263.2
31.4690      0.0150
  Link-350        Diversion-12-366Jun-315         CONDUIT          207.8    0.4813
    0.0150
  Link-351        Diversion-12-366Jun-316         CONDUIT          219.6    2.2772
    0.0150
  Link-352        Diversion-12-368J597            CONDUIT          244.3    0.8187
    0.0150
  Link-353        Diversion-12-368Jun-157·3       CONDUIT          176.8    6.7866
    0.0150
  Link-354        Diversion-12-369Jun-314         CONDUIT          219.2    0.4562
    0.0150
  Link-356        Diversion-12-367Jun-323         CONDUIT          318.5  949.0095
    0.0150
  Link-357        Diversion-12-367Jun-282         CONDUIT          233.9 1291.3385
    0.0150
  Link-358        Diversion-12-371-1Jun-166·3       CONDUIT          404.4
0.3000      0.0150
  Link-359        Diversion-12-371-1Diversion-12-371-2DIRECT           466.1
0.6437      0.0150
  Link-360        Diversion-12-371-2Jun-322         CONDUIT          371.9
0.9788      0.0150
  Link-361        Diversion-12-371-2Diversion-12-371-3CONDUIT          368.5
1.3570      0.0150
  Link-362        Diversion-12-371-3Jun-299         CONDUIT          379.7
0.3000      0.0150
  Link-363        Diversion-12-371-3Jun-300         CONDUIT          407.0
0.7543      0.0150
  Link-364        Diversion-12-350Jun-117·3       CONDUIT          192.3    3.1198
    0.0150
  Link-365        Diversion-12-352Jun-122         CONDUIT          248.3    1.2082
    0.0150
  Link-366        Diversion-12-353Jun-213         CONDUIT          402.1    0.3000
    0.0150
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Link-367	Jun-43-J	J591	CONDUIT	77.0	12.5990
0.0150					
Link-368	Jun-205	Jun-219	CONDUIT	1181.7	0.8463
0.0150					
Link-372	Jun-163·4	Jun-164	CONDUIT	685.9	0.5831
0.0130					
Link-373	Jun-164	Jun-166·4	CONDUIT	639.7	0.5471
0.0130					
Link-374	Jun-165·4	Out-09	CONDUIT	874.0	0.3432
0.0130					
Link-375	Jun-175	Out-10	CONDUIT	1088.3	0.3000
0.0150					
Link-376	Jun-35-J	Out-11	CONDUIT	982.4	0.3003
0.0130					
Link-377	Jun-161	Out-12	CONDUIT	509.5	853.5652
0.0090					
Link-378	Jun-178·4	Jun-212	CONDUIT	1094.5	0.3000
0.0150					
Link-379	Jun-212	Jun-214	CONDUIT	798.1	0.3000
0.0150					
Link-38	Jun-54-J	Jun-34-J	CONDUIT	749.4	0.7099
0.0130					
Link-380	Jun-214	Jun-217	CONDUIT	713.6	0.3000
0.0150					
Link-381	Jun-217	Out-13	CONDUIT	819.8	0.3891
0.0150					
Link-384	Diversion-9-296-3	Diversion-46	CONDUIT	452.3	1.5477
0.0150					
Link-385	Diversion-46	Jun-214	CONDUIT	1156.3	0.7498
0.0150					
Link-386	Diversion-46	Jun-217	DIRECT	1521.1	0.7107
0.0150					
Link-387	Diversion-9-278-3	Jun-184·4	CONDUIT	482.1	1.0600
0.0150					
Link-389	J4300	Jun-141·2	CONDUIT	306.9	1.1861
0.0150					
Link-390	Jun-219	Jun-157	CONDUIT	895.0	0.7587
0.0150					
Link-42·4	J1827	J1819	CONDUIT	399.9	0.3000
0.0130					
Link-45	Jun-51·2	Jun-104	CONDUIT	2260.6	0.7078
0.0150					
Link-46	J2000	J1000	CONDUIT	399.6	0.4780
0.0130					
Link-46·4	J1825	J1826	CONDUIT	135.5	0.3000
0.0130					
Link-47	J1010	J3000	CONDUIT	352.6	0.3517
0.0130					
Link-51	J1000	J1010	CONDUIT	47.4	0.7378
0.0130					

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  Link-52         J1004           J4200           CONDUIT          345.0    0.7594
    0.0150
  Link-52·3       J614            J3600           CONDUIT          194.8    0.4004
    0.0090
  Link-61         J1826           J1827           CONDUIT           46.0    0.3000
    0.0130
  Link-65         J4200           Jun-82-J        CONDUIT          469.0    0.7591
    0.0150
  Link-66         J1005           J1004           CONDUIT          386.9    0.7600
    0.0150
  Link-67         Jun-83-J        J1005           CONDUIT           92.8    0.7647
    0.0150
  Link-69         J1892           J1894           CONDUIT          100.7    0.6059
    0.0130
  Link-73         J1639           J1640           CONDUIT          405.6    0.6804
    0.0150
  Link-74         J1640           J1641           CONDUIT          437.8    0.6807
    0.0150
  Link-75         J1766           Jun-168·2       CONDUIT          163.8    0.9709
    0.0130
  Link-75·3       Jun-95-J        Jun-96-J        CONDUIT          193.6    0.3000
    0.0150
  Link-76         Jun-75-J        Jun-76-J        CONDUIT          280.8    0.6874
    0.0130
  Link-83         Jun-107         Jun-108·3       CONDUIT          246.9    0.7656
    0.0090
  Link-83·4       Jun-81-J        Jun-44-J        CONDUIT          123.6    0.3000
    0.0130
  Link-86         J1809           Jun-85-J        CONDUIT          492.8    0.7366
    0.0130
  Link-86·4       J1819           J1845           CONDUIT          369.0    0.3000
    0.0130
  Link-88         Jun-117·3       Jun-118·3       CONDUIT          644.2    0.6209
    0.0150
  Link-96         J1890           J1892           CONDUIT          491.4    0.6105
    0.0130
  Links-166-1     Jun-181         Jun-154         CONDUIT          538.4    0.3938
    0.0150
  Links-166-2     Jun-133         Jun-134         CONDUIT          673.2    0.5897
    0.0150
  Links-189-1     Diversion-10-329-2Diversion-10-329-1DIRECT           636.0
0.3000      0.0150
  Links-189-4     Jun-99-J        Jun-139·4       CONDUIT          771.3    0.6548
    0.0150
  Links-218-1     Diversion-10-332-2Diversion-10-332-1CONDUIT          524.4
0.3000      0.0150
  Links-218-4     Jun-124         Jun-167·4       CONDUIT          530.1    0.9300
    0.0130
  Links-233       Diversion-11-344-4Diversion-11-344-5DIRECT           778.2
0.3000      0.0150
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  Links-249-3     J1700           Jun-126·3       CONDUIT          584.1    0.3000
    0.0130
  Links-249-4     Jun-192         Jun-99-J        CONDUIT          568.2    0.7040
    0.0150
  Links-257-1     Diversion-11-342-1Diversion-11-342-2DIRECT           876.4
0.3423      0.0150
  Links-257-4     Jun-144·4       Jun-180·4       CONDUIT         1088.2    0.5596
    0.0150
  Links-265-1     Jun-308         Jun-309         CONDUIT          291.7    0.3429
    0.0150
  Links-265-4     Diversion-9-275-2Diversion-9-275-3DIRECT           333.6
1.1989      0.0150
  Links-306       Stor-12-367     Jun-291         CONDUIT          200.2    0.7492
    0.0090
  Links-306·4     Diversion-9-284-2Jun-19-J        CONDUIT          255.5    0.4774
     0.0150
  Links-31-1      J1833           J1841           CONDUIT          231.8    0.3754
    0.0130
  Links-32-1      J1845           J1818           CONDUIT           92.7    0.3020
    0.0130
  Links-34-1      Jun-39-J        Jun-43-J        CONDUIT          168.1   12.5796
    0.0150
  Links-355       Diversion-12-369Jun-95-J        CONDUIT          365.3    0.5037
    0.0150
  Outlet-02       Stor-11-471     Jun-156·4       OUTLET
  Outlet-03       Jun-206         Diversion-9-286-1OUTLET
  Outlet-04       Stor-13         Diversion-9-270 OUTLET
  Outlet-05       Stor-14         Diversion-9-271 OUTLET
  Outlet-06-2     Stor-15         Diversion-9-272 OUTLET
  Outlet-07       Stor-16         Diversion-9-273 OUTLET
  Outlet-08       Stor-17         Diversion-9-274 OUTLET
  Outlet-09       Stor-18         Diversion-9-275-1OUTLET
  Outlet-11       Stor-19         Diversion-9-276-1OUTLET
  Outlet-12       Stor-20         Diversion-9-277-1OUTLET
  Outlet-13       Stor-21         Diversion-9-278-3OUTLET
  Outlet-14       Stor-22         Jun-171·4       OUTLET
  Outlet-15       Stor-23         Diversion-9-281-1OUTLET
  Outlet-16       Stor-24         Diversion-9-282-1OUTLET
  Outlet-17       Stor-25         Diversion-9-283 OUTLET
  Outlet-18       Stor-26         Diversion-9-284-1OUTLET
  Outlet-19       Stor-27         Diversion-9-287-1OUTLET
  Outlet-20       Stor-28         Diversion-9-285-1OUTLET
  Outlet-21       Stor-29         Diversion-9-293-2OUTLET
  Outlet-22       Stor-30         Jun-184·4       OUTLET
  Outlet-23       Stor-31         Diversion-9-288-1OUTLET
  Outlet-24       Stor-32         Diversion-9-289-2OUTLET
  Outlet-25       Stor-33         Diversion-9-290-1OUTLET
  Outlet-26       Stor-34         Diversion-9-291-1OUTLET
  Outlet-27       Stor-35         Diversion-9-292 OUTLET
  Outlet-28       Stor-36         Diversion-9-295 OUTLET
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Outlet-29	Stor-37	Diversion-9-294-1OUTLET
Outlet-30	Stor-38	Jun-141·2 OUTLET
Outlet-31	Stor-39	Diversion-10-327-1OUTLET
Outlet-32	Stor-40	Diversion-10-330OUTLET
Outlet-34	Stor-41	Diversion-10-298-1OUTLET
Outlet-35	Stor-42	Jun-85-J OUTLET
Outlet-36	Stor-43	Jun-219 OUTLET
Outlet-37	Stor-44	Jun-137 OUTLET
Outlet-38	Stor-45	Jun-85-J OUTLET
Outlet-39	Stor-46	Diversion-10-305-1OUTLET
Outlet-40	Stor-47	Jun-51·2 OUTLET
Outlet-41	Stor-48	Jun-137 OUTLET
Outlet-42	Stor-49	Jun-144·2 OUTLET
Outlet-43	Stor-50	Jun-157 OUTLET
Outlet-44	Stor-51	Diversion-10-328-1OUTLET
Outlet-45	Stor-52	Diversion-10-332-2OUTLET
Outlet-46	Stor-53	Diversion-10-333-2OUTLET
Outlet-47	Stor-54	Diversion-10-334-2OUTLET
Outlet-48	Stor-55	Diversion-10-318-2OUTLET
Outlet-49	Stor-56	Diversion-11-342-1OUTLET
Outlet-50	Stor-57	Diversion-11-343-2OUTLET
Outlet-51	Stor-58	Diversion-11-348-1OUTLET
Outlet-52	Stor-59	Diversion-11-349-1OUTLET
Outlet-53	Stor-60	Diversion-11-344-1OUTLET
Outlet-54	Stor-61	Diversion-11-341-1OUTLET
Outlet-55	Stor-62	Diversion-11-339-1OUTLET
Outlet-56	Stor-63	Diversion-11-340-1OUTLET
Outlet-57	Stor-64	Diversion-11-337-1OUTLET
Outlet-58	Stor-65	Diversion-11-338-1OUTLET
Outlet-59	Stor-66	Diversion-12-350OUTLET
Outlet-60	Stor-67	Diversion-12-351OUTLET
Outlet-61	Stor-68	Diversion-10-329-2OUTLET

****
Cross Section Summary
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Link ID	Shape	Depth/ Diameter	Width	No. of Barrels	Cross Sectional Area	Full Flow Hydraulic Radius	Design Flow Capacity
		ft	ft		ft²	ft	cfs
Link-01	CIRCULAR	1.50	1.50	1	1.77	0.38	10.19

Link-05	CIRCULAR	3.00	3.00	1	7.07	
0.75	134.81					
Link-06	CIRCULAR	1.50	1.50	1	1.77	
0.38	7.41					
Link-10	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.12					
Link-102	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.21					
Link-103	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.68					
Link-106	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-110	CIRCULAR	3.50	3.50	1	9.62	
0.88	55.11					
Link-111	CIRCULAR	2.00	2.00	1	3.14	
0.50	18.42					
Link-111·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.59					
Link-112	CIRCULAR	1.50	1.50	1	1.77	
0.38	12.04					
Link-116	CIRCULAR	4.50	4.50	1	15.90	
1.13	184.30					
Link-117·2	CIRCULAR	3.00	3.00	1	7.07	
0.75	47.56					
Link-119	CIRCULAR	3.50	3.50	1	9.62	
0.88	87.34					
Link-119·2	CIRCULAR	2.50	2.50	1	4.91	
0.63	96.83					
Link-120	CIRCULAR	3.00	3.00	1	7.07	
0.75	37.84					
Link-122	CIRCULAR	3.00	3.00	1	7.07	
0.75	41.69					
Link-123	CIRCULAR	2.00	2.00	1	3.14	
0.50	26.66					
Link-124	CIRCULAR	1.75	1.75	1	2.41	
0.44	8.68					
Link-125	CIRCULAR	3.00	3.00	1	7.07	
0.75	41.68					
Link-127	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.75					
Link-128	CIRCULAR	3.00	3.00	1	7.07	
0.75	77.30					
Link-129	CIRCULAR	1.50	1.50	1	1.77	
0.38	12.32					
Link-130	CIRCULAR	1.50	1.50	1	1.77	
0.38	14.90					
Link-131	CIRCULAR	6.00	6.00	1	28.27	
1.50	340.30					
Link-133	CIRCULAR	4.00	4.00	1	12.57	
1.00	113.64					

Link-133·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-134	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-134·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-135	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-135·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-136·2	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-137	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-137·2	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-14	CIRCULAR	1.00	1.00	1	0.79	0.25
Link-140	CIRCULAR	3.50	3.50	1	9.62	0.88
Link-141	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-145	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-146	CIRCULAR	2.50	2.50	1	4.91	0.63
Link-150	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-150·4	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-151·2	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-152	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-152·2	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-153	CIRCULAR	4.50	4.50	1	15.90	1.13
Link-153·2	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-154	CIRCULAR	1.25	1.25	1	1.23	0.31
Link-155	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-155·2	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-156	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-156·2	CIRCULAR	6.00	6.00	1	28.27	1.50

Link-157	CIRCULAR	6.00	6.00	1	28.27	1.50	348.80
Link-157·3	CIRCULAR	5.00	5.00	1	19.63	1.25	242.13
Link-157·4	CIRCULAR	1.50	1.50	1	1.77	0.38	6.82
Link-158	CIRCULAR	2.50	2.50	1	4.91	0.63	31.42
Link-158·2	CIRCULAR	2.00	2.00	1	3.14	0.50	18.91
Link-159	CIRCULAR	2.50	2.50	1	4.91	0.63	30.99
Link-159·2	CIRCULAR	2.00	2.00	1	3.14	0.50	28.20
Link-160	CIRCULAR	3.50	3.50	1	9.62	0.88	75.52
Link-160·2	CIRCULAR	1.50	1.50	1	1.77	0.38	30.29
Link-160·3	CIRCULAR	1.25	1.25	1	1.23	0.31	6.40
Link-161	CIRCULAR	3.50	3.50	1	9.62	0.88	76.00
Link-161·2	CIRCULAR	1.50	1.50	1	1.77	0.38	31.35
Link-162	CIRCULAR	3.50	3.50	1	9.62	0.88	49.26
Link-162·2	CIRCULAR	1.50	1.50	1	1.77	0.38	7.01
Link-164	CIRCULAR	3.50	3.50	1	9.62	0.88	87.77
Link-164·2	CIRCULAR	1.50	1.50	1	1.77	0.38	6.37
Link-165·2	CIRCULAR	1.50	1.50	1	1.77	0.38	8.25
Link-165·4	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-167	CIRCULAR	3.50	3.50	1	9.62	0.88	66.95
Link-168	CIRCULAR	2.00	2.00	1	3.14	0.50	32.55
Link-168·2	CIRCULAR	3.50	3.50	1	9.62	0.88	66.95
Link-169	CIRCULAR	2.00	2.00	1	3.14	0.50	20.35
Link-169·2	CIRCULAR	3.50	3.50	1	9.62	0.88	87.90
Link-17	CIRCULAR	1.50	1.50	1	1.77	0.38	10.14
Link-170	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53

Link-170·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-171	DUMMY	0.00	0.00	1	0.00	0.00
Link-171·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-172	CIRCULAR	3.50	3.50	1	9.62	0.88
Link-172·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-173	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-173·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-174	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-174·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-174·3	CIRCULAR	1.00	1.00	1	0.79	0.25
Link-175	CIRCULAR	3.00	3.00	1	7.07	0.75
Link-175·2	DUMMY	0.00	0.00	1	0.00	0.00
Link-176	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-177	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-178·2	CIRCULAR	2.50	2.50	1	4.91	0.63
Link-179·4	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-180	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-180·2	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-181	DUMMY	0.00	0.00	1	0.00	0.00
Link-181·2	CIRCULAR	2.50	2.50	1	4.91	0.63
Link-181·3	CIRCULAR	1.00	1.00	1	0.79	0.25
Link-181·4	CIRCULAR	3.00	3.00	1	7.07	0.75
Link-182	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-182·4	CIRCULAR	2.00	2.00	1	3.14	0.50
Link-183	CIRCULAR	3.00	3.00	1	7.07	0.75

Link-170·2	0.00	0.00				
Link-171	0.00	0.00				
Link-171·2	0.00	0.00				
Link-172	31.66	58.12				
Link-172·2	0.00	0.00				
Link-173	31.66	149.29				
Link-173·2	0.00	0.00				
Link-174	31.66	219.43				
Link-174·2	0.00	0.00				
Link-174·3	0.25	2.82				
Link-175	0.75	31.66				
Link-175·2	0.00	0.00				
Link-176	31.66	219.57				
Link-177	31.66	6447.71				
Link-178·2	0.63	26.75				
Link-179·4	0.50	12.39				
Link-180	0.38	8.23				
Link-180·2	0.38	8.04				
Link-181	0.00	0.00				
Link-181·2	0.63	29.20				
Link-181·3	0.25	3.22				
Link-181·4	0.75	36.53				
Link-182	0.38	7.51				
Link-182·4	0.50	12.42				
Link-183	0.75	31.66				

Link-183·2	CIRCULAR	2.50	2.50	1	4.91	
0.63	27.96					
Link-184	CIRCULAR	3.00	3.00	1	7.07	
0.75	31.66					
Link-184·2	CIRCULAR	2.50	2.50	1	4.91	
0.63	27.98					
Link-185	CIRCULAR	3.00	3.00	1	7.07	
0.75	47.64					
Link-185·2	CIRCULAR	3.00	3.00	1	7.07	
0.75	45.51					
Link-186	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.03					
Link-186·2	CIRCULAR	3.00	3.00	1	7.07	
0.75	45.49					
Link-186·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.75					
Link-187	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.06					
Link-187·2	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-188	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.06					
Link-188·2	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-190	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-190·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	7.39					
Link-191	CIRCULAR	3.00	3.00	1	7.07	
0.75	45.50					
Link-191·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	431.63					
Link-192	CIRCULAR	3.50	3.50	1	9.62	
0.88	68.69					
Link-193	CIRCULAR	3.50	3.50	1	9.62	
0.88	68.69					
Link-193·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	12.39					
Link-194	CIRCULAR	5.00	5.00	1	19.63	
1.25	219.60					
Link-194·2	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-194·4	CIRCULAR	3.50	3.50	1	9.62	
0.88	66.42					
Link-195·2	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-195·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	13.91					
Link-196	CIRCULAR	3.50	3.50	1	9.62	
0.88	85.18					

Link-196·4	CIRCULAR	1.50	1.50	1	1.77
0.38	17.50				
Link-198	CIRCULAR	1.50	1.50	1	1.77
0.38	11.83				
Link-198·3	CIRCULAR	1.00	1.00	1	0.79
0.25	2.82				
Link-199	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-199·2	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-20	CIRCULAR	1.50	1.50	1	1.77
0.38	10.13				
Link-200	CIRCULAR	1.50	1.50	1	1.77
0.38	10.89				
Link-200·2	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-200·4	CIRCULAR	3.00	3.00	1	7.07
0.75	36.53				
Link-201	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-201·2	CIRCULAR	3.50	3.50	1	9.62
0.88	68.66				
Link-201·4	CIRCULAR	1.50	1.50	1	1.77
0.38	12.33				
Link-202	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-202·2	CIRCULAR	3.50	3.50	1	9.62
0.88	89.14				
Link-202·4	CIRCULAR	1.50	1.50	1	1.77
0.38	28.34				
Link-203	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-203·2	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-203·4	CIRCULAR	1.50	1.50	1	1.77
0.38	10.83				
Link-204	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-204·2	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-204·4	CIRCULAR	1.50	1.50	1	1.77
0.38	11.89				
Link-205	CIRCULAR	1.50	1.50	1	1.77
0.38	235.65				
Link-205·2	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-205·4	CIRCULAR	1.50	1.50	1	1.77
0.38	11.33				
Link-206	CIRCULAR	1.50	1.50	1	1.77
0.38	6.90				

Link-206·2	CIRCULAR	1.50	1.50	1	1.77	0.38	39.25
Link-206·4	CIRCULAR	1.50	1.50	1	1.77	0.38	12.92
Link-207	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-207·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-208	CIRCULAR	1.50	1.50	1	1.77	0.38	8.02
Link-208·2	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-208·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-209	CIRCULAR	1.50	1.50	1	1.77	0.38	5.40
Link-209·4	CIRCULAR	3.00	3.00	1	7.07	0.75	36.53
Link-210	CIRCULAR	1.50	1.50	1	1.77	0.38	9.93
Link-210·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-211	CIRCULAR	1.50	1.50	1	1.77	0.38	7.71
Link-211·2	CIRCULAR	1.50	1.50	1	1.77	0.38	39.88
Link-212	CIRCULAR	1.50	1.50	1	1.77	0.38	8.34
Link-212·2	CIRCULAR	1.50	1.50	1	1.77	0.38	32.92
Link-212·4	CIRCULAR	1.50	1.50	1	1.77	0.38	7.45
Link-213·2	CIRCULAR	1.50	1.50	1	1.77	0.38	33.99
Link-213·4	CIRCULAR	1.50	1.50	1	1.77	0.38	9.41
Link-214	CIRCULAR	1.50	1.50	1	1.77	0.38	29.16
Link-214·4	CIRCULAR	2.00	2.00	1	3.14	0.50	14.76
Link-215	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-215·2	CIRCULAR	3.00	3.00	1	7.07	0.75	31.66
Link-215·4	CIRCULAR	1.50	1.50	1	1.77	0.38	7.84
Link-216	CIRCULAR	1.50	1.50	1	1.77	0.38	10.80
Link-216·2	CIRCULAR	1.50	1.50	1	1.77	0.38	54.52

Link-216·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.78				
Link-217	CIRCULAR	1.50	1.50	1	1.77
0.38	6.84				
Link-217·2	CIRCULAR	1.50	1.50	1	1.77
0.38	28.36				
Link-217·4	CIRCULAR	1.50	1.50	1	1.77
0.38	10.12				
Link-219	CIRCULAR	1.50	1.50	1	1.77
0.38	8.82				
Link-219·2	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-219·4	CIRCULAR	1.25	1.25	1	1.23
0.31	3.07				
Link-220	CIRCULAR	1.50	1.50	1	1.77
0.38	7.60				
Link-220·4	CIRCULAR	1.25	1.25	1	1.23
0.31	3.40				
Link-221	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-221·4	CIRCULAR	1.50	1.50	1	1.77
0.38	5.75				
Link-222	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-222·2	CIRCULAR	2.00	2.00	1	3.14
0.50	17.54				
Link-222·3	CIRCULAR	1.50	1.50	1	1.77
0.38	5.75				
Link-222·4	CIRCULAR	1.50	1.50	1	1.77
0.38	5.64				
Link-223	CIRCULAR	1.50	1.50	1	1.77
0.38	11.53				
Link-223·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-224	CIRCULAR	1.50	1.50	1	1.77
0.38	6.79				
Link-224·4	CIRCULAR	1.50	1.50	1	1.77
0.38	5.76				
Link-225	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-226	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-226·2	CIRCULAR	2.00	2.00	1	3.14
0.50	17.92				
Link-226·4	CIRCULAR	2.00	2.00	1	3.14
0.50	13.20				
Link-227	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-227·2	CIRCULAR	2.00	2.00	1	3.14
0.50	17.93				

Link-227·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	13.20					
Link-228	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-228·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	41.46					
Link-228·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	22.32					
Link-229	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-229·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	7.21					
Link-229·3	CIRCULAR	2.00	2.00	1	3.14	
0.50	28.30					
Link-229·4	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-23	CIRCULAR	5.00	5.00	1	19.63	
1.25	213.25					
Link-230·2	CIRCULAR	3.00	3.00	1	7.07	
0.75	47.67					
Link-230·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	10.74					
Link-231	CIRCULAR	1.50	1.50	1	1.77	
0.38	29.04					
Link-231·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	10.74					
Link-232	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-232·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	30.36					
Link-232·3	CIRCULAR	5.00	5.00	1	19.63	
1.25	238.47					
Link-232·4	CIRCULAR	2.00	2.00	1	3.14	
0.50	15.43					
Link-233·2	CIRCULAR	3.00	3.00	1	7.07	
0.75	47.70					
Link-234	CIRCULAR	3.00	3.00	1	7.07	
0.75	47.62					
Link-234·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	5.19					
Link-235	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-235·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	37.17					
Link-235·4	CIRCULAR	2.50	2.50	1	4.91	
0.63	28.80					
Link-236	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-236·2	CIRCULAR	1.50	1.50	1	1.77	
0.38	35.60					

Link-236·4	CIRCULAR	2.50	2.50	1	4.91
0.63	25.14				
Link-237	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-237·2	CIRCULAR	3.00	3.00	1	7.07
0.75	61.23				
Link-238	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-238·2	CIRCULAR	1.50	1.50	1	1.77
0.38	38.33				
Link-239	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-239·2	CIRCULAR	1.50	1.50	1	1.77
0.38	35.92				
Link-240	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-240·2	CIRCULAR	3.00	3.00	1	7.07
0.75	47.14				
Link-240·3	CIRCULAR	2.00	2.00	1	3.14
0.50	28.29				
Link-240·4	CIRCULAR	3.00	3.00	1	7.07
0.75	36.54				
Link-241	CIRCULAR	3.00	3.00	1	7.07
0.75	47.17				
Link-241·3	CIRCULAR	2.00	2.00	1	3.14
0.50	35.46				
Link-242·2	CIRCULAR	3.50	3.50	1	9.62
0.88	71.10				
Link-243	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-243·2	CIRCULAR	1.50	1.50	1	1.77
0.38	34.34				
Link-243·4	CIRCULAR	3.50	3.50	1	9.62
0.88	55.11				
Link-244	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-244·2	CIRCULAR	1.50	1.50	1	1.77
0.38	39.82				
Link-244·4	CIRCULAR	3.50	3.50	1	9.62
0.88	67.46				
Link-245	CIRCULAR	2.00	2.00	1	3.14
0.50	22.12				
Link-245·4	CIRCULAR	3.50	3.50	1	9.62
0.88	71.16				
Link-246	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-246·2	CIRCULAR	3.50	3.50	1	9.62
0.88	65.99				
Link-247	DUMMY	0.00	0.00	1	0.00
0.00	0.00				

Link-247·2	CIRCULAR	1.50	1.50	1	1.77
0.38	21.69				
Link-247·4	CIRCULAR	1.50	1.50	1	1.77
0.38	7.40				
Link-248·2	CIRCULAR	3.50	3.50	1	9.62
0.88	47.76				
Link-248·4	CIRCULAR	3.00	3.00	1	7.07
0.75	47.26				
Link-250	CIRCULAR	1.50	1.50	1	1.77
0.38	339.12				
Link-251	CIRCULAR	1.50	1.50	1	1.77
0.38	6.34				
Link-251·4	CIRCULAR	1.50	1.50	1	1.77
0.38	6.27				
Link-252	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-252·3	CIRCULAR	3.00	3.00	1	7.07
0.75	75.17				
Link-252·4	CIRCULAR	1.50	1.50	1	1.77
0.38	7.70				
Link-253	CIRCULAR	1.50	1.50	1	1.77
0.38	6.75				
Link-253·4	CIRCULAR	1.50	1.50	1	1.77
0.38	7.36				
Link-254	CIRCULAR	1.50	1.50	1	1.77
0.38	9.30				
Link-254·4	CIRCULAR	1.50	1.50	1	1.77
0.38	7.41				
Link-255	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-255·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.37				
Link-256	CIRCULAR	2.50	2.50	1	4.91
0.63	26.52				
Link-258	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-258·3	CIRCULAR	3.00	3.00	1	7.07
0.75	36.53				
Link-259	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-259·3	CIRCULAR	1.50	1.50	1	1.77
0.38	7.57				
Link-259·4	CIRCULAR	3.00	3.00	1	7.07
0.75	50.26				
Link-260	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-260·3	CIRCULAR	1.50	1.50	1	1.77
0.38	20.37				
Link-260·4	CIRCULAR	2.00	2.00	1	3.14
0.50	17.78				

Link-261	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-261·3	CIRCULAR	1.25	1.25	1	1.23
0.31	5.45				
Link-261·4	CIRCULAR	2.00	2.00	1	3.14
0.50	19.20				
Link-262	CIRCULAR	1.25	1.25	1	1.23
0.31	5.55				
Link-262·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-263	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-263·3	CIRCULAR	1.50	1.50	1	1.77
0.38	9.11				
Link-263·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-264	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-264·3	CIRCULAR	1.50	1.50	1	1.77
0.38	9.11				
Link-264·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-266	CIRCULAR	3.00	3.00	1	7.07
0.75	31.66				
Link-266·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-267	CIRCULAR	1.50	1.50	1	1.77
0.38	51.19				
Link-267·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-268	CIRCULAR	2.50	2.50	1	4.91
0.63	20.51				
Link-268·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-269	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-269·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-270	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-270·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-271	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-271·3	CIRCULAR	1.50	1.50	1	1.77
0.38	5.66				
Link-271·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-272	DUMMY	0.00	0.00	1	0.00
0.00	0.00				

Link-272·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-273	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-273·3	CIRCULAR	1.50	1.50	1	1.77
0.38	8.55				
Link-274	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-274·3	CIRCULAR	2.50	2.50	1	4.91
0.63	19.89				
Link-274·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-275	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-276	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-276·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-277	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-278	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-278·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.97				
Link-279	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-279·3	CIRCULAR	2.50	2.50	1	4.91
0.63	19.47				
Link-279·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-28	CIRCULAR	3.50	3.50	1	9.62
0.88	101.93				
Link-28·4	CIRCULAR	2.00	2.00	1	3.14
0.50	12.39				
Link-280	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-280·3	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-280·4	CIRCULAR	1.50	1.50	1	1.77
0.38	5.90				
Link-281	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-281·3	CIRCULAR	2.00	2.00	1	3.14
0.50	29.63				
Link-281·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.29				
Link-282	CIRCULAR	3.00	3.00	1	7.07
0.75	81.12				
Link-282·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				

Link-283	DUMMY	0.00	0.00	1	0.00	0.00
Link-283·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-283·4	DUMMY	0.00	0.00	1	0.00	0.00
Link-284	DUMMY	0.00	0.00	1	0.00	0.00
Link-284·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-285	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-285·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-286	DUMMY	0.00	0.00	1	0.00	0.00
Link-286·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-287	DUMMY	0.00	0.00	1	0.00	0.00
Link-287·3	DUMMY	0.00	0.00	1	0.00	0.00
Link-288	CIRCULAR	5.00	5.00	1	19.63	1.25
Link-289	DUMMY	0.00	0.00	1	0.00	0.00
Link-289·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-289·4	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-290	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-290·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-291	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-291·3	CIRCULAR	3.00	3.00	1	7.07	0.75
Link-292	DUMMY	0.00	0.00	1	0.00	0.00
Link-292·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-293·3	CIRCULAR	1.50	1.50	1	1.77	0.38
Link-294	CIRCULAR	2.50	2.50	1	4.91	0.63
Link-295	CIRCULAR	2.50	2.50	1	4.91	0.63
Link-296	CIRCULAR	2.50	2.50	1	4.91	0.63

Link-296·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-297	CIRCULAR	3.00	3.00	1	7.07	
0.75	75.19					
Link-297·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.25					
Link-298	CIRCULAR	4.00	4.00	1	12.57	
1.00	113.64					
Link-298·3	CIRCULAR	3.00	3.00	1	7.07	
0.75	75.22					
Link-298·4	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-299	CIRCULAR	3.00	3.00	1	7.07	
0.75	75.17					
Link-299·4	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-300	CIRCULAR	4.50	4.50	1	15.90	
1.13	155.58					
Link-300·3	CIRCULAR	5.00	5.00	1	19.63	
1.25	238.03					
Link-300·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.48					
Link-301	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-301·3	CIRCULAR	5.00	5.00	1	19.63	
1.25	206.05					
Link-301·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.83					
Link-302	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-302·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.27					
Link-303	CIRCULAR	3.00	3.00	1	7.07	
0.75	37.13					
Link-303·3	CIRCULAR	2.00	2.00	1	3.14	
0.50	28.29					
Link-303·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.17					
Link-304	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-304·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.24					
Link-305	CIRCULAR	4.00	4.00	1	12.57	
1.00	166.78					
Link-305·3	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.92					
Link-305·4	CIRCULAR	1.50	1.50	1	1.77	
0.38	14.90					
Link-308	CIRCULAR	3.50	3.50	1	9.62	
0.88	78.37					

Link-308·4	CIRCULAR	1.50	1.50	1	1.77	0.38	8.65
Link-309	CIRCULAR	3.00	3.00	1	7.07	0.75	41.68
Link-309·4	CIRCULAR	1.50	1.50	1	1.77	0.38	13.44
Link-310	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47
Link-310·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-311	CIRCULAR	1.25	1.25	1	1.23	0.31	5.54
Link-311·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-312	CIRCULAR	1.25	1.25	1	1.23	0.31	3.77
Link-312·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-313	CIRCULAR	1.25	1.25	1	1.23	0.31	4.24
Link-313·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-314·4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-315	CIRCULAR	1.50	1.50	1	1.77	0.38	8.93
Link-315·4	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-316·4	CIRCULAR	1.50	1.50	1	1.77	0.38	6.70
Link-317	CIRCULAR	3.00	3.00	1	7.07	0.75	43.62
Link-317·4	CIRCULAR	1.50	1.50	1	1.77	0.38	11.49
Link-318	CIRCULAR	5.00	5.00	1	19.63	1.25	151.97
Link-318·4	CIRCULAR	1.50	1.50	1	1.77	0.38	6.10
Link-319	CIRCULAR	1.50	1.50	1	1.77	0.38	5.75
Link-319·4	CIRCULAR	1.50	1.50	1	1.77	0.38	6.42
Link-320	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-320·4	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Link-321	CIRCULAR	1.50	1.50	1	1.77	0.38	5.36
Link-322	CIRCULAR	1.25	1.25	1	1.23	0.31	4.34

Link-322·4	CIRCULAR	1.50	1.50	1	1.77
0.38	9.85				
Link-323	CIRCULAR	1.50	1.50	1	1.77
0.38	7.31				
Link-323·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-324	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-325	CIRCULAR	1.50	1.50	1	1.77
0.38	8.28				
Link-326	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-326·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-327	CIRCULAR	1.50	1.50	1	1.77
0.38	9.14				
Link-327·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-328	CIRCULAR	1.50	1.50	1	1.77
0.38	15.35				
Link-328·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.95				
Link-329	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-330	CIRCULAR	1.50	1.50	1	1.77
0.38	385.49				
Link-330·4	CIRCULAR	1.50	1.50	1	1.77
0.38	6.10				
Link-331	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-332	CIRCULAR	1.50	1.50	1	1.77
0.38	12.15				
Link-332·4	CIRCULAR	1.50	1.50	1	1.77
0.38	7.75				
Link-333	CIRCULAR	1.50	1.50	1	1.77
0.38	15.63				
Link-333·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-334	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-334·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-335	CIRCULAR	1.50	1.50	1	1.77
0.38	9.96				
Link-335·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-336	CIRCULAR	1.50	1.50	1	1.77
0.38	6.17				
Link-336·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				

Link-337	CIRCULAR	1.50	1.50	1	1.77
0.38	17.87				
Link-337·4	DUMMY	0.00	0.00	1	0.00
0.00	0.00				
Link-338	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-339	CIRCULAR	1.50	1.50	1	1.77
0.38	11.12				
Link-339·4	CIRCULAR	3.50	3.50	1	9.62
0.88	55.11				
Link-340	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-341	CIRCULAR	1.50	1.50	1	1.77
0.38	10.66				
Link-341·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-342	CIRCULAR	3.00	3.00	1	7.07
0.75	76.75				
Link-342·4	CIRCULAR	1.50	1.50	1	1.77
0.38	8.52				
Link-343	CIRCULAR	3.00	3.00	1	7.07
0.75	86.24				
Link-343·4	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-344	CIRCULAR	1.50	1.50	1	1.77
0.38	5.95				
Link-344·4	CIRCULAR	1.50	1.50	1	1.77
0.38	9.40				
Link-345	CIRCULAR	1.50	1.50	1	1.77
0.38	12.12				
Link-345·4	CIRCULAR	1.00	1.00	1	0.79
0.25	1.69				
Link-346	CIRCULAR	1.50	1.50	1	1.77
0.38	6.24				
Link-346·4	CIRCULAR	3.50	3.50	1	9.62
0.88	55.11				
Link-347	CIRCULAR	1.50	1.50	1	1.77
0.38	6.44				
Link-347·4	CIRCULAR	3.00	3.00	1	7.07
0.75	47.17				
Link-348	CIRCULAR	1.50	1.50	1	1.77
0.38	4.99				
Link-348·4	CIRCULAR	2.00	2.00	1	3.14
0.50	10.74				
Link-349	CIRCULAR	1.50	1.50	1	1.77
0.38	51.07				
Link-350	CIRCULAR	1.50	1.50	1	1.77
0.38	6.32				
Link-351	CIRCULAR	1.50	1.50	1	1.77
0.38	13.74				

Link-352	CIRCULAR	1.50	1.50	1	1.77	
0.38	8.24					
Link-353	CIRCULAR	1.50	1.50	1	1.77	
0.38	23.72					
Link-354	CIRCULAR	1.50	1.50	1	1.77	
0.38	6.15					
Link-356	CIRCULAR	1.50	1.50	1	1.77	
0.38	280.45					
Link-357	CIRCULAR	1.50	1.50	1	1.77	
0.38	327.15					
Link-358	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-359	DUMMY	0.00	0.00	1	0.00	
0.00	0.00					
Link-360	CIRCULAR	1.50	1.50	1	1.77	
0.38	9.01					
Link-361	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.60					
Link-362	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-363	CIRCULAR	1.50	1.50	1	1.77	
0.38	7.91					
Link-364	CIRCULAR	1.50	1.50	1	1.77	
0.38	16.08					
Link-365	CIRCULAR	1.50	1.50	1	1.77	
0.38	10.01					
Link-366	CIRCULAR	1.50	1.50	1	1.77	
0.38	4.99					
Link-367	CIRCULAR	0.67	0.67	1	0.35	
0.17	3.72					
Link-368	CIRCULAR	2.00	2.00	1	3.14	
0.50	18.04					
Link-372	CIRCULAR	2.00	2.00	1	3.14	
0.50	17.28					
Link-373	CIRCULAR	2.00	2.00	1	3.14	
0.50	16.73					
Link-374	CIRCULAR	3.50	3.50	1	9.62	
0.88	58.94					
Link-375	CIRCULAR	5.00	5.00	1	19.63	
1.25	123.63					
Link-376	CIRCULAR	5.00	5.00	1	19.63	
1.25	142.72					
Link-377	CIRCULAR	4.50	4.50	1	15.90	
1.13	8298.72					
Link-378	CIRCULAR	3.00	3.00	1	7.07	
0.75	31.66					
Link-379	CIRCULAR	3.00	3.00	1	7.07	
0.75	31.66					
Link-38	CIRCULAR	5.00	5.00	1	19.63	
1.25	219.44					

Link-380	CIRCULAR	3.00	3.00	1	7.07	0.75	31.66
Link-381	CIRCULAR	3.00	3.00	1	7.07	0.75	36.06
Link-384	CIRCULAR	1.50	1.50	1	1.77	0.38	11.33
Link-385	CIRCULAR	1.50	1.50	1	1.77	0.38	7.88
Link-386	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Link-387	CIRCULAR	1.50	1.50	1	1.77	0.38	9.37
Link-389	CIRCULAR	2.00	2.00	1	3.14	0.50	21.35
Link-390	CIRCULAR	2.00	2.00	1	3.14	0.50	17.08
Link-42·4	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-45	CIRCULAR	2.50	2.50	1	4.91	0.63	29.91
Link-46	CIRCULAR	1.25	1.25	1	1.23	0.31	4.47
Link-46·4	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-47	CIRCULAR	3.50	3.50	1	9.62	0.88	59.66
Link-51	CIRCULAR	2.50	2.50	1	4.91	0.63	35.23
Link-52	CIRCULAR	4.00	4.00	1	12.57	1.00	108.49
Link-52·3	CIRCULAR	5.00	5.00	1	19.63	1.25	238.04
Link-61	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-65	CIRCULAR	4.00	4.00	1	12.57	1.00	108.47
Link-66	CIRCULAR	3.50	3.50	1	9.62	0.88	76.01
Link-67	CIRCULAR	3.50	3.50	1	9.62	0.88	76.25
Link-69	CIRCULAR	1.25	1.25	1	1.23	0.31	5.03
Link-73	CIRCULAR	3.00	3.00	1	7.07	0.75	47.68
Link-74	CIRCULAR	3.00	3.00	1	7.07	0.75	47.69
Link-75	CIRCULAR	1.25	1.25	1	1.23	0.31	6.37
Link-75·3	CIRCULAR	2.50	2.50	1	4.91	0.63	19.47

Link-76	CIRCULAR	1.25	1.25	1	1.23	0.31	5.36
Link-83	CIRCULAR	2.00	2.00	1	3.14	0.50	28.59
Link-83·4	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Link-86	CIRCULAR	1.50	1.50	1	1.77	0.38	9.02
Link-86·4	CIRCULAR	1.25	1.25	1	1.23	0.31	3.54
Link-88	CIRCULAR	1.50	1.50	1	1.77	0.38	7.17
Link-96	CIRCULAR	1.25	1.25	1	1.23	0.31	5.05
Links-166-1	CIRCULAR	5.00	5.00	1	19.63	1.25	141.64
Links-166-2	CIRCULAR	3.50	3.50	1	9.62	0.88	66.96
Links-189-1	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Links-189-4	CIRCULAR	1.50	1.50	1	1.77	0.38	7.37
Links-218-1	CIRCULAR	1.50	1.50	1	1.77	0.38	4.99
Links-218-4	CIRCULAR	1.50	1.50	1	1.77	0.38	10.13
Links-233	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Links-249-3	CIRCULAR	2.00	2.00	1	3.14	0.50	12.39
Links-249-4	CIRCULAR	1.50	1.50	1	1.77	0.38	7.64
Links-257-1	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Links-257-4	CIRCULAR	2.00	2.00	1	3.14	0.50	14.67
Links-265-1	CIRCULAR	3.00	3.00	1	7.07	0.75	33.85
Links-265-4	DUMMY	0.00	0.00	1	0.00	0.00	0.00
Links-306	CIRCULAR	2.00	2.00	1	3.14	0.50	28.28
Links-306·4	CIRCULAR	1.50	1.50	1	1.77	0.38	6.29
Links-31-1	CIRCULAR	1.25	1.25	1	1.23	0.31	3.96
Links-32-1	CIRCULAR	1.50	1.50	1	1.77	0.38	5.77
Links-34-1	CIRCULAR	0.67	0.67	1	0.35	0.17	3.71

Links-355	CIRCULAR	1.50	1.50	1	1.77
0.38	6.46				

Runoff Quantity Continuity	Volume acre-ft	Depth inches
Total Precipitation	921.975	3.400
Surface Runoff	21.957	0.081
Continuity Error (%)	-0.005	

Flow Routing Continuity	Volume acre-ft	Volume Mgallons
External Inflow	20.361	6.635
External Outflow	649.430	211.626
Initial Stored Volume	0.000	0.000
Final Stored Volume	7.928	2.583
Continuity Error (%)	0.005	

Composite Curve Number Computations Report

Subbasin 266

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.73	-	93.00
Composite Area & Weighted CN	14.73		93.00

Subbasin 267

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.69	-	

95.00
Composite Area & Weighted CN 6.69
95.00

Subbasin 268

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.92	-	95.00
Composite Area & Weighted CN	7.92		95.00

Subbasin 269

Soil/Surface Description	Area (acres)	Soil Group	CN
-	28.89	-	95.00
Composite Area & Weighted CN	28.89		95.00

Subbasin 270

Soil/Surface Description	Area (acres)	Soil Group	CN
-	33.84	-	95.00
Composite Area & Weighted CN	33.84		95.00

Subbasin 271

Soil/Surface Description	Area	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	30.02	-	95.00
Composite Area & Weighted CN	30.02		95.00

Subbasin 272

Soil/Surface Description	Area (acres)	Soil Group	CN
-	26.70	-	95.00
Composite Area & Weighted CN	26.70		95.00

Subbasin 273

Soil/Surface Description	Area (acres)	Soil Group	CN
-	8.84	-	95.00
Composite Area & Weighted CN	8.84		95.00

Subbasin 274

Soil/Surface Description	Area (acres)	Soil Group	CN
-	17.64	-	89.00
Composite Area & Weighted CN	17.64		

89.00

Subbasin 275

Soil/Surface Description	Area (acres)	Soil Group	CN
-	52.84	-	95.00
Composite Area & Weighted CN	52.84		95.00

Subbasin 276

Soil/Surface Description	Area (acres)	Soil Group	CN
-	47.40	-	92.00
Composite Area & Weighted CN	47.40		92.00

Subbasin 277

Soil/Surface Description	Area (acres)	Soil Group	CN
-	42.81	-	92.00
Composite Area & Weighted CN	42.81		92.00

Subbasin 278

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	48.60	-	93.00
Composite Area & Weighted CN	48.60		93.00

Subbasin 279

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.47	-	95.00
Composite Area & Weighted CN	7.47		95.00

Subbasin 280

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.78	-	94.00
Composite Area & Weighted CN	14.78		94.00

Subbasin 281

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.93	-	95.00
Composite Area & Weighted CN	6.93		95.00

Subbasin 282

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.64	-	95.00
Composite Area & Weighted CN	11.64		95.00

Subbasin 283

Soil/Surface Description	Area (acres)	Soil Group	CN
-	18.56	-	95.00
Composite Area & Weighted CN	18.56		95.00

Subbasin 284

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.38	-	95.00
Composite Area & Weighted CN	21.38		95.00

Subbasin 285

Soil/Surface Description	Area (acres)	Soil Group	CN

```
-----
  -                                                    20.74            -
 95.00
  Composite Area & Weighted CN                         20.74
 95.00

  ---------------
  Subbasin 286
  ---------------
                                                       Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    18.83            -
 95.00
  Composite Area & Weighted CN                         18.83
 95.00

  ---------------
  Subbasin 287
  ---------------
                                                       Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    14.60            -
 93.00
  Composite Area & Weighted CN                         14.60
 93.00

  ---------------
  Subbasin 288
  ---------------
                                                       Area           Soil
  Soil/Surface Description                           (acres)        Group
    CN

-------------------------------------------------------------------------------
-----
  -                                                    12.93            -
 90.00
  Composite Area & Weighted CN                         12.93
 90.00

  ---------------
  Subbasin 289
```

Soil/Surface Description	Area (acres)	Soil Group	CN
-	40.72	-	90.00
Composite Area & Weighted CN	40.72		90.00

Subbasin 290

Soil/Surface Description	Area (acres)	Soil Group	CN
-	28.92	-	88.00
Composite Area & Weighted CN	28.92		88.00

Subbasin 291

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.03	-	89.00
Composite Area & Weighted CN	21.03		89.00

Subbasin 292

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.58	-	

90.00
Composite Area & Weighted CN 21.58
90.00

Subbasin 293

Soil/Surface Description	Area (acres)	Soil Group	CN
-	41.66	-	91.00
Composite Area & Weighted CN	41.66		91.00

Subbasin 294

Soil/Surface Description	Area (acres)	Soil Group	CN
-	16.08	-	90.00
Composite Area & Weighted CN	16.08		90.00

Subbasin 295

Soil/Surface Description	Area (acres)	Soil Group	CN
-	52.81	-	90.00
Composite Area & Weighted CN	52.81		90.00

Subbasin 296

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	156.02	-	80.00
Composite Area & Weighted CN	156.02		80.00

Subbasin 297

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.47	-	95.00
Composite Area & Weighted CN	6.47		95.00

Subbasin 298

Soil/Surface Description	Area (acres)	Soil Group	CN
-	47.37	-	87.00
Composite Area & Weighted CN	47.37		87.00

Subbasin 299

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.63	-	95.00
Composite Area & Weighted CN	21.63		

95.00

Subbasin 300

Soil/Surface Description	Area (acres)	Soil Group	CN
-	2.47	-	89.00
Composite Area & Weighted CN	2.47		89.00

Subbasin 301

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.06	-	84.00
Composite Area & Weighted CN	7.06		84.00

Subbasin 302

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.61	-	86.00
Composite Area & Weighted CN	6.61		86.00

Subbasin 303

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	24.21	-	86.00
Composite Area & Weighted CN	24.21		86.00

Subbasin 304

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.54	-	69.00
Composite Area & Weighted CN	4.54		69.00

Subbasin 305

Soil/Surface Description	Area (acres)	Soil Group	CN
-	23.46	-	89.00
Composite Area & Weighted CN	23.46		89.00

Subbasin 306

Soil/Surface Description	Area (acres)	Soil Group	CN
-	51.77	-	90.00
Composite Area & Weighted CN	51.77		90.00

Subbasin 307

Soil/Surface Description	Area (acres)	Soil Group	CN
-	47.46	-	90.00
Composite Area & Weighted CN	47.46		90.00

Subbasin 308

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.68	-	90.00
Composite Area & Weighted CN	14.68		90.00

Subbasin 309

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.40	-	84.00
Composite Area & Weighted CN	4.40		84.00

Subbasin 310

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   13.77   -
 84.00
  Composite Area & Weighted CN   13.77
 84.00

  Subbasin 311

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   3.43   -
 84.00
  Composite Area & Weighted CN   3.43
 84.00

  Subbasin 312

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   5.17   -
 84.00
  Composite Area & Weighted CN   5.17
 84.00

  Subbasin 313

                                                         Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   3.75   -
 84.00
  Composite Area & Weighted CN   3.75
 84.00

  Subbasin 314

Soil/Surface Description	Area (acres)	Soil Group	CN
-	5.12	-	84.00
Composite Area & Weighted CN	5.12		84.00

Subbasin 315

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.44	-	84.00
Composite Area & Weighted CN	4.44		84.00

Subbasin 316

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.57	-	84.00
Composite Area & Weighted CN	4.57		84.00

Subbasin 317

Soil/Surface Description	Area (acres)	Soil Group	CN
-	0.62	-	

84.00
Composite Area & Weighted CN 0.62
84.00

Subbasin 318

Soil/Surface Description	Area (acres)	Soil Group	CN
-	71.13	-	91.00
Composite Area & Weighted CN	71.13		91.00

Subbasin 319

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.27	-	90.00
Composite Area & Weighted CN	13.27		90.00

Subbasin 320

Soil/Surface Description	Area (acres)	Soil Group	CN
-	10.86	-	81.00
Composite Area & Weighted CN	10.86		81.00

Subbasin 321

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.86	-	90.00
Composite Area & Weighted CN	14.86		90.00

Subbasin 322

Soil/Surface Description	Area (acres)	Soil Group	CN
-	4.86	-	90.00
Composite Area & Weighted CN	4.86		90.00

Subbasin 323

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.44	-	90.00
Composite Area & Weighted CN	9.44		90.00

Subbasin 324

Soil/Surface Description	Area (acres)	Soil Group	CN
-	15.74	-	90.00
Composite Area & Weighted CN	15.74		

90.00

Subbasin 325

Soil/Surface Description	Area (acres)	Soil Group	CN
-	21.58	-	90.00
Composite Area & Weighted CN	21.58		90.00

Subbasin 326

Soil/Surface Description	Area (acres)	Soil Group	CN
-	67.99	-	82.00
Composite Area & Weighted CN	67.99		82.00

Subbasin 327

Soil/Surface Description	Area (acres)	Soil Group	CN
-	49.98	-	90.00
Composite Area & Weighted CN	49.98		90.00

Subbasin 328

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	24.29	-	90.00
Composite Area & Weighted CN	24.29		90.00

Subbasin 329

Soil/Surface Description	Area (acres)	Soil Group	CN
-	53.97	-	90.00
Composite Area & Weighted CN	53.97		90.00

Subbasin 330

Soil/Surface Description	Area (acres)	Soil Group	CN
-	58.66	-	90.00
Composite Area & Weighted CN	58.66		90.00

Subbasin 331

Soil/Surface Description	Area (acres)	Soil Group	CN
-	41.69	-	81.00
Composite Area & Weighted CN	41.69		81.00

Subbasin 332

Soil/Surface Description	Area (acres)	Soil Group	CN
-	51.22	-	90.00
Composite Area & Weighted CN	51.22		90.00

Subbasin 333

Soil/Surface Description	Area (acres)	Soil Group	CN
-	90.29	-	88.00
Composite Area & Weighted CN	90.29		88.00

Subbasin 334

Soil/Surface Description	Area (acres)	Soil Group	CN
-	68.08	-	87.00
Composite Area & Weighted CN	68.08		87.00

Subbasin 336

Soil/Surface Description	Area (acres)	Soil Group	CN

-	16.42	-	94.00
Composite Area & Weighted CN	16.42		94.00

Subbasin 337

Soil/Surface Description	Area (acres)	Soil Group	CN
-	88.03	-	90.00
Composite Area & Weighted CN	88.03		90.00

Subbasin 338

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.33	-	90.00
Composite Area & Weighted CN	7.33		90.00

Subbasin 339

Soil/Surface Description	Area (acres)	Soil Group	CN
-	66.57	-	91.00
Composite Area & Weighted CN	66.57		91.00

Subbasin 340

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.87	-	90.00
Composite Area & Weighted CN	13.87		90.00

Subbasin 341

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.44	-	93.00
Composite Area & Weighted CN	13.44		93.00

Subbasin 342

Soil/Surface Description	Area (acres)	Soil Group	CN
-	83.83	-	91.00
Composite Area & Weighted CN	83.83		91.00

Subbasin 343

Soil/Surface Description	Area (acres)	Soil Group	CN
-	28.27	-	

89.00
Composite Area & Weighted CN 28.27
89.00

Subbasin 344

Soil/Surface Description	Area (acres)	Soil Group	CN
-	163.44	-	93.00
Composite Area & Weighted CN	163.44		93.00

Subbasin 345

Soil/Surface Description	Area (acres)	Soil Group	CN
-	47.91	-	93.00
Composite Area & Weighted CN	47.91		93.00

Subbasin 346

Soil/Surface Description	Area (acres)	Soil Group	CN
-	267.85	-	91.00
Composite Area & Weighted CN	267.85		91.00

Subbasin 347

Soil/Surface Description	Area (acres)	Soil

Soil/Surface Description	Area (acres)	Soil Group	CN
-	32.74	-	84.00
Composite Area & Weighted CN	32.74		84.00

Subbasin 348

Soil/Surface Description	Area (acres)	Soil Group	CN
-	85.27	-	86.00
Composite Area & Weighted CN	85.27		86.00

Subbasin 349

Soil/Surface Description	Area (acres)	Soil Group	CN
-	188.21	-	86.00
Composite Area & Weighted CN	188.21		86.00

Subbasin 350

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.63	-	95.00
Composite Area & Weighted CN	6.63		

95.00

Subbasin 351

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.33	-	93.00
Composite Area & Weighted CN	9.33		93.00

Subbasin 352

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.98	-	95.00
Composite Area & Weighted CN	9.98		95.00

Subbasin 353

Soil/Surface Description	Area (acres)	Soil Group	CN
-	11.46	-	93.00
Composite Area & Weighted CN	11.46		93.00

Subbasin 354

Soil/Surface Description	Area (acres)	Soil Group	CN

Soil/Surface Description	Area (acres)	Soil Group	CN
-	14.46	-	95.00
Composite Area & Weighted CN	14.46		95.00

Subbasin 355

Soil/Surface Description	Area (acres)	Soil Group	CN
-	8.02	-	93.00
Composite Area & Weighted CN	8.02		93.00

Subbasin 356

Soil/Surface Description	Area (acres)	Soil Group	CN
-	3.62	-	95.00
Composite Area & Weighted CN	3.62		95.00

Subbasin 357

Soil/Surface Description	Area (acres)	Soil Group	CN
-	9.90	-	93.00
Composite Area & Weighted CN	9.90		93.00

Subbasin 358

Soil/Surface Description	Area (acres)	Soil Group	CN
-	13.92	-	95.00
Composite Area & Weighted CN	13.92		95.00

Subbasin 359

Soil/Surface Description	Area (acres)	Soil Group	CN
-	6.54	-	93.00
Composite Area & Weighted CN	6.54		93.00

Subbasin 360

Soil/Surface Description	Area (acres)	Soil Group	CN
-	7.22	-	95.00
Composite Area & Weighted CN	7.22		95.00

Subbasin 361

Soil/Surface Description	Area (acres)	Soil Group	CN

  -   8.10   -
 95.00
  Composite Area & Weighted CN   8.10
 95.00

  Subbasin 362

                                                                    Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   4.55   -
 95.00
  Composite Area & Weighted CN   4.55
 95.00

  Subbasin 363

                                                                    Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   4.79   -
 95.00
  Composite Area & Weighted CN   4.79
 95.00

  Subbasin 364

                                                                    Area   Soil
  Soil/Surface Description   (acres)   Group
    CN

  -   7.16   -
 95.00
  Composite Area & Weighted CN   7.16
 95.00

  Subbasin 365

Soil/Surface Description	Area (acres)	Soil Group	CN
-	10.01	-	95.00
Composite Area & Weighted CN	10.01		95.00

Subbasin 366

Soil/Surface Description	Area (acres)	Soil Group	CN
-	32.39	-	93.00
Composite Area & Weighted CN	32.39		93.00

Subbasin 367

Soil/Surface Description	Area (acres)	Soil Group	CN
-	19.89	-	93.00
Composite Area & Weighted CN	19.89		93.00

Subbasin 368

Soil/Surface Description	Area (acres)	Soil Group	CN
-	28.27	-	

93.00
Composite Area & Weighted CN 28.27
93.00

Subbasin 369

Soil/Surface Description	Area (acres)	Soil Group	CN
-	22.52	-	93.00
Composite Area & Weighted CN	22.52		93.00

Subbasin 370

Soil/Surface Description	Area (acres)	Soil Group	CN
-	3.86	-	95.00
Composite Area & Weighted CN	3.86		95.00

Subbasin 371

Soil/Surface Description	Area (acres)	Soil Group	CN
-	43.72	-	93.00
Composite Area & Weighted CN	43.72		93.00

****
Subbasin Runoff Summary
****

Subbasin ID	Total Precip in	Total Runoff in	Peak Runoff cfs	Weighted Curve Number	Time of Concentration days	hh:mm:ss
266	3.48	2.72	5.84	93.000	0	01:13:00
267	3.48	2.92	3.02	95.000	0	00:20:00
268	3.48	2.92	3.59	95.000	0	00:18:00
269	3.48	2.92	11.90	95.000	0	01:43:00
270	3.48	2.92	14.99	95.000	0	00:39:00
271	3.48	2.92	13.40	95.000	0	00:30:00
272	3.48	2.92	12.00	95.000	0	00:24:00
273	3.48	2.92	4.02	95.000	0	00:16:00
274	3.48	2.34	6.32	89.000	0	00:24:00
275	3.48	2.92	23.43	95.000	0	00:38:00
276	3.48	2.62	18.68	92.000	0	00:47:00
277	3.48	2.62	16.74	92.000	0	00:53:00
278	3.48	2.72	19.64	93.000	0	00:59:00
279	3.48	2.92	3.39	95.000	0	00:18:00
280	3.48	2.82	6.31	94.000	0	00:43:00
281	3.48	2.92	3.12	95.000	0	00:23:00
282	3.48	2.92	5.24	95.000	0	00:22:00
283	3.48	2.92	8.42	95.000	0	00:18:00
284	3.48	2.92	9.68	95.000	0	00:19:00
285	3.48	2.92	9.41	95.000	0	00:18:00
286	3.48	2.92	8.49	95.000	0	00:21:00
287	3.48	2.72	6.08	93.000	0	00:32:00
288	3.48	2.43	4.15	90.000	0	02:01:00
289	3.48	2.43	14.61	90.000	0	00:54:00
290	3.48	2.25	9.03	88.000	0	01:22:00
291	3.48	2.34	7.10	89.000	0	01:04:00
292	3.48	2.43	7.81	90.000	0	00:48:00
293	3.48	2.52	15.41	91.000	0	01:03:00
294	3.48	2.43	5.83	90.000	0	00:47:00
295	3.48	2.43	18.04	90.000	0	01:25:00
296	3.48	1.62	27.62	80.000	0	03:23:00
297	3.48	2.92	2.92	95.000	0	00:21:00
298	3.48	2.16	14.94	87.000	0	00:48:00
299	3.48	2.92	9.72	95.000	0	00:24:00
300	3.48	2.34	0.85	89.000	0	00:54:00
301	3.48	1.92	1.98	84.000	0	00:31:00
302	3.48	2.08	2.09	86.000	0	00:18:00
303	3.48	2.08	7.43	86.000	0	00:36:00
304	3.48	0.94	0.51	69.000	0	00:53:00
305	3.48	2.34	8.16	89.000	0	00:45:00
306	3.48	2.43	12.89	90.000	0	05:05:00
307	3.48	2.43	17.23	90.000	0	00:46:00
308	3.48	2.43	5.30	90.000	0	00:50:00
309	3.48	1.92	1.20	84.000	0	00:46:00
310	3.48	1.92	3.72	84.000	0	00:51:00

311	3.48	1.92	0.96	84.000	0	00:33:00
312	3.48	1.92	1.46	84.000	0	00:28:00
313	3.48	1.92	1.05	84.000	0	00:31:00
314	3.48	1.92	1.43	84.000	0	00:34:00
315	3.48	1.92	1.25	84.000	0	00:30:00
316	3.48	1.92	1.28	84.000	0	00:29:00
317	3.48	1.92	0.18	84.000	0	00:26:00
318	3.48	2.52	24.24	91.000	0	01:53:00
319	3.48	2.43	4.67	90.000	0	01:07:00
320	3.48	1.69	2.43	81.000	0	01:06:00
321	3.48	2.43	5.19	90.000	0	01:11:00
322	3.48	2.43	1.78	90.000	0	00:39:00
323	3.48	2.43	3.40	90.000	0	00:52:00
324	3.48	2.43	5.62	90.000	0	00:57:00
325	3.48	2.43	7.48	90.000	0	01:16:00
326	3.48	1.77	15.18	82.000	0	01:37:00
327	3.48	2.43	17.79	90.000	0	00:59:00
328	3.48	2.43	8.53	90.000	0	01:08:00
329	3.48	2.43	18.75	90.000	0	01:15:00
330	3.48	2.43	18.40	90.000	0	02:14:00
331	3.48	1.69	8.27	81.000	0	02:17:00
332	3.48	2.43	16.87	90.000	0	01:46:00
333	3.48	2.25	25.55	88.000	0	02:18:00
334	3.48	2.16	17.18	87.000	0	03:01:00
336	3.48	2.82	7.09	94.000	0	00:31:00
337	3.48	2.43	28.15	90.000	0	02:03:00
338	3.48	2.43	2.65	90.000	0	00:49:00
339	3.48	2.52	25.18	91.000	0	00:47:00
340	3.48	2.43	4.91	90.000	0	01:02:00
341	3.48	2.72	5.55	93.000	0	00:39:00
342	3.48	2.52	29.76	91.000	0	01:29:00
343	3.48	2.34	9.67	89.000	0	00:56:00
344	3.48	2.72	65.15	93.000	0	01:09:00
345	3.48	2.72	19.00	93.000	0	01:13:00
346	3.48	2.52	97.16	91.000	0	01:16:00
347	3.48	1.92	9.15	84.000	0	00:32:00
348	3.48	2.08	24.74	86.000	0	01:08:00
349	3.48	2.08	56.22	86.000	0	00:51:00
350	3.48	2.92	3.02	95.000	0	00:15:00
351	3.48	2.72	3.93	93.000	0	00:23:00
352	3.48	2.92	4.52	95.000	0	00:18:00
353	3.48	2.72	5.03	93.000	0	00:07:00
354	3.48	2.92	6.48	95.000	0	00:26:00
355	3.48	2.72	3.34	93.000	0	00:31:00
356	3.48	2.92	1.65	95.000	0	00:16:00
357	3.48	2.72	4.06	93.000	0	00:46:00
358	3.48	2.92	6.25	95.000	0	00:24:00
359	3.48	2.72	2.74	93.000	0	00:27:00
360	3.48	2.92	3.28	95.000	0	00:17:00
361	3.48	2.92	3.66	95.000	0	00:20:00

362	3.48	2.92	2.08	95.000	0	00:14:00
363	3.48	2.92	2.14	95.000	0	00:27:00
364	3.48	2.92	3.25	95.000	0	00:18:00
365	3.48	2.92	4.50	95.000	0	00:24:00
366	3.48	2.72	13.40	93.000	0	00:38:00
367	3.48	2.72	8.28	93.000	0	00:32:00
368	3.48	2.72	11.86	93.000	0	00:26:00
369	3.48	2.72	9.57	93.000	0	00:18:00
370	3.48	2.92	1.78	95.000	0	00:11:00
371	3.48	2.72	18.09	93.000	0	00:38:00

****
Node Depth Summary
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Node ID	Average Depth Attained ft	Maximum Depth Attained ft	Maximum HGL Attained ft	Time of Max Occurrence days	Time of Max Occurrence hh:mm	Total Flooded Volume acre-in	Total Flooded Time minutes	Retention Time hh:mm:ss
J1000	0.57	1.52	4359.23	0	04:00	0	0	0:00:00
J1004	1.26	2.85	4366.16	0	03:40	0	0	0:00:00
J1005	1.26	2.85	4369.10	0	03:39	0	0	0:00:00
J1010	0.60	1.55	4358.91	0	04:00	0	0	0:00:00
J1081	1.54	7.00	4402.31	0	01:23	11.28	328	0:00:00
J1086	0.47	7.00	4410.15	0	03:09	0.08	37	0:00:00
J1527	0.52	1.51	4396.90	0	04:00	0	0	0:00:00
J1548	0.42	1.09	4410.19	0	03:31	0	0	0:00:00
J1593	0.44	1.01	4390.85	0	03:30	0	0	0:00:00
J1600	0.00	0.00	4386.71	0	00:00	0	0	

0:00:00							
J1639	0.78	1.79	4383.39	0	03:36	0	0
0:00:00							
J1640	0.81	1.86	4380.70	0	03:36	0	0
0:00:00							
J1641	3.26	3.44	4379.30	0	11:47	0	0
0:00:00							
J1646	0.58	1.53	4361.91	0	04:03	0	0
0:00:00							
J1672	0.95	7.00	4408.39	0	01:43	3.54	173
0:00:00							
J1700	0.29	0.81	4386.81	0	03:34	0	0
0:00:00							
J1757	1.55	7.00	4396.98	0	02:05	2.39	296
0:00:00							
J1762	0.46	1.17	4382.41	0	03:31	0	0
0:00:00							
J1766	0.54	7.00	4379.27	0	03:24	0.28	57
0:00:00							
J1770	0.27	0.76	4375.23	0	04:01	0	0
0:00:00							
J1772	0.26	0.76	4376.85	0	04:01	0	0
0:00:00							
J1773	0.24	0.71	4378.29	0	04:00	0	0
0:00:00							
J1809	0.47	1.00	4397.63	0	02:19	0	0
0:00:00							
J1813	0.43	1.09	4404.88	0	03:32	0	0
0:00:00							
J1818	0.54	0.94	4378.41	0	13:47	0	0
0:00:00							
J1819	0.25	0.46	4378.35	0	13:47	0	0
0:00:00							
J1825	0.24	0.47	4378.72	0	01:04	0	0
0:00:00							
J1826	0.24	0.46	4378.55	0	01:12	0	0
0:00:00							
J1827	0.24	0.48	4378.51	0	01:12	0	0
0:00:00							
J1831	0.57	1.04	4383.11	0	01:39	0	0
0:00:00							
J1833	0.36	0.58	4380.17	0	01:35	0	0
0:00:00							
J1837	0.40	0.71	4379.57	0	13:49	0	0
0:00:00							
J1841	0.37	0.59	4379.31	0	01:36	0	0
0:00:00							
J1842	0.34	0.63	4379.36	0	01:32	0	0
0:00:00							
J1845	0.54	0.94	4378.69	0	13:47	0	0

0:00:00							
J1890	0.17	0.58	4379.05	0	03:31	0	0
0:00:00							
J1892	0.36	0.93	4376.40	0	03:31	0	0
0:00:00							
J1894	0.41	0.93	4375.79	0	03:32	0	0
0:00:00							
J1897	0.65	1.21	4363.93	0	02:12	0	0
0:00:00							
J2000	0.00	0.00	4359.62	0	00:00	0	0
0:00:00							
J2500	0.09	1.33	4396.47	0	01:06	0	0
0:00:00							
J3000	0.63	1.62	4357.74	0	04:01	0	0
0:00:00							
J3600	0.69	1.97	4372.62	0	03:40	0	0
0:00:00							
J4000	0.51	1.28	4353.74	0	04:03	0	0
0:00:00							
J4200	1.28	2.70	4363.39	0	03:41	0	0
0:00:00							
J4300	7.80	8.52	4379.16	0	11:38	0	0
0:00:00							
J45700	0.24	1.05	4396.82	0	01:19	0	0
0:00:00							
J464	0.12	0.29	4391.13	0	04:00	0	0
0:00:00							
J470	0.74	7.00	4399.47	0	02:55	1.46	61
0:00:00							
J490	0.11	0.64	4375.36	0	01:06	0	0
0:00:00							
J583	0.09	0.47	4476.53	0	03:31	0	0
0:00:00							
J591	0.42	1.11	4385.59	0	03:33	0	0
0:00:00							
J597	0.12	0.38	4386.38	0	03:31	0	0
0:00:00							
J599	0.70	2.13	4375.52	0	03:50	0	0
0:00:00							
J609	0.49	1.25	4392.99	0	01:29	0	0
0:00:00							
J611	0.19	0.70	4373.11	0	03:31	0	0
0:00:00							
J614	0.19	0.70	4372.13	0	03:32	0	0
0:00:00							
J8000	0.63	1.62	4356.50	0	04:02	0	0
0:00:00							
J919	0.17	0.33	4397.57	0	01:16	0	0
0:00:00							
Jun-01-J	0.00	0.00	4400.00	0	00:00	0	0

0:00:00							
Jun-07-J	0.33	1.78	4376.78	0	03:14	0	0
0:00:00							
Jun-08-J	0.53	1.73	4374.73	0	03:31	0	0
0:00:00							
Jun-09-J	0.39	1.00	4375.47	0	03:34	0	0
0:00:00							
Jun-102	0.41	1.10	4364.10	0	04:00	0	0
0:00:00							
Jun-102·4	0.42	0.93	4373.42	0	03:32	0	0
0:00:00							
Jun-104	0.80	2.13	4375.13	0	03:37	0	0
0:00:00							
Jun-105	0.52	0.94	4376.94	0	02:23	0	0
0:00:00							
Jun-107	0.35	0.95	4377.95	0	03:36	0	0
0:00:00							
Jun-108·3	0.36	0.95	4376.06	0	03:37	0	0
0:00:00							
Jun-10-J	0.39	1.00	4374.57	0	03:35	0	0
0:00:00							
Jun-112	0.28	0.51	4382.50	0	13:47	0	0
0:00:00							
Jun-117	0.00	0.00	4356.00	0	00:00	0	0
0:00:00							
Jun-117·3	0.31	0.59	4407.59	0	12:47	0	0
0:00:00							
Jun-118·3	0.35	0.62	4403.62	0	02:16	0	0
0:00:00							
Jun-119	0.19	0.96	4416.96	0	01:20	0	0
0:00:00							
Jun-122	0.21	0.48	4408.48	0	03:30	0	0
0:00:00							
Jun-123	0.00	0.00	4364.00	0	00:00	0	0
0:00:00							
Jun-124	0.42	0.74	4390.67	0	01:23	0	0
0:00:00							
Jun-125	0.58	1.53	4360.53	0	04:05	0	0
0:00:00							
Jun-126	0.00	0.00	4365.00	0	00:00	0	0
0:00:00							
Jun-126·3	0.37	1.02	4386.14	0	03:32	0	0
0:00:00							
Jun-128	0.00	0.00	4365.00	0	00:00	0	0
0:00:00							
Jun-128·2	0.22	0.94	4425.94	0	01:15	0	0
0:00:00							
Jun-128·4	0.31	0.56	4382.26	0	13:48	0	0
0:00:00							
Jun-129	0.06	0.95	4429.95	0	01:15	0	0

0:00:00							
Jun-130	0.25	0.94	4421.86	0	01:18	0	0
0:00:00							
Jun-130·4	0.28	0.51	4385.55	0	01:30	0	0
0:00:00							
Jun-131	0.21	0.97	4412.92	0	01:21	0	0
0:00:00							
Jun-132	0.48	0.95	4373.62	0	01:31	0	0
0:00:00							
Jun-133	0.91	2.32	4367.67	0	03:39	0	0
0:00:00							
Jun-133·3	0.04	0.62	4411.62	0	01:00	0	0
0:00:00							
Jun-134	0.97	2.44	4363.82	0	03:40	0	0
0:00:00							
Jun-135	1.02	2.56	4359.29	0	03:41	0	0
0:00:00							
Jun-136·2	1.02	2.56	4355.32	0	03:42	0	0
0:00:00							
Jun-137	0.75	1.49	4384.49	0	03:34	0	0
0:00:00							
Jun-137·3	0.16	0.42	4413.42	0	13:44	0	0
0:00:00							
Jun-139	1.15	2.55	4378.19	0	03:38	0	0
0:00:00							
Jun-139·4	0.39	1.00	4376.95	0	03:33	0	0
0:00:00							
Jun-140	0.88	1.72	4350.72	0	03:43	0	0
0:00:00							
Jun-140·4	0.90	7.00	4385.75	0	03:26	1.10	97
0:00:00							
Jun-141·2	7.80	8.52	4375.52	0	11:38	0	0
0:00:00							
Jun-142	0.73	1.45	4378.45	0	02:40	0	0
0:00:00							
Jun-144·2	0.84	1.67	4382.29	0	07:10	0	0
0:00:00							
Jun-144·4	0.68	1.22	4380.89	0	02:11	0	0
0:00:00							
Jun-145·2	0.93	1.87	4380.58	0	07:10	0	0
0:00:00							
Jun-145·4	0.46	0.80	4378.01	0	13:47	0	0
0:00:00							
Jun-146·2	0.94	1.87	4377.18	0	07:11	0	0
0:00:00							
Jun-147	1.04	2.05	4373.08	0	07:12	0	0
0:00:00							
Jun-148	0.63	1.62	4353.87	0	04:03	0	0
0:00:00							
Jun-148·2	1.12	2.24	4369.52	0	07:13	0	0

0:00:00							
Jun-148·4	0.31	0.51	4387.51	0	01:05	0	0
0:00:00							
Jun-149	1.13	2.24	4363.59	0	07:14	0	0
0:00:00							
Jun-14-J	0.39	0.68	4393.14	0	01:47	0	0
0:00:00							
Jun-150	0.33	0.35	4357.01	0	03:12	0	0
0:00:00							
Jun-150·2	1.32	2.69	4358.20	0	07:15	0	0
0:00:00							
Jun-152	0.87	2.49	4361.49	0	03:39	0	0
0:00:00							
Jun-152·2	1.28	2.56	4361.32	0	07:15	0	0
0:00:00							
Jun-153	1.32	2.69	4355.61	0	07:16	0	0
0:00:00							
Jun-154	0.55	1.24	4373.12	0	01:20	0	0
0:00:00							
Jun-154·4	0.56	1.56	4380.56	0	04:00	0	0
0:00:00							
Jun-155·4	0.61	1.77	4379.77	0	04:04	0	0
0:00:00							
Jun-156	0.88	1.72	4353.37	0	03:41	0	0
0:00:00							
Jun-156·4	0.33	1.78	4377.78	0	03:13	0	0
0:00:00							
Jun-157	0.66	1.35	4373.56	0	03:36	0	0
0:00:00							
Jun-157·3	0.47	1.30	4377.30	0	03:30	0	0
0:00:00							
Jun-158	0.71	1.45	4370.14	0	03:37	0	0
0:00:00							
Jun-159	0.34	0.85	4357.85	0	04:06	0	0
0:00:00							
Jun-159·2	0.76	1.58	4362.82	0	03:38	0	0
0:00:00							
Jun-159·3	0.42	1.11	4384.96	0	03:33	0	0
0:00:00							
Jun-160	0.99	2.86	4361.25	0	03:43	0	0
0:00:00							
Jun-160·2	0.98	1.88	4363.81	0	11:40	0	0
0:00:00							
Jun-160·3	0.42	1.11	4378.70	0	03:36	0	0
0:00:00							
Jun-161	1.01	2.81	4351.81	0	03:49	0	0
0:00:00							
Jun-161·2	1.05	2.01	4360.71	0	03:11	0	0
0:00:00							
Jun-161·4	0.49	1.20	4402.67	0	02:34	0	0

0:00:00							
Jun-162	0.37	0.39	4354.56	0	04:21	0	0
0:00:00							
Jun-162·2	1.16	2.25	4357.74	0	11:40	0	0
0:00:00							
Jun-162·4	0.63	1.50	4390.45	0	02:32	0	0
0:00:00							
Jun-163	0.65	1.21	4362.62	0	02:13	0	0
0:00:00							
Jun-163·2	1.16	2.25	4355.32	0	11:40	0	0
0:00:00							
Jun-163·4	0.74	1.45	4378.45	0	02:41	0	0
0:00:00							
Jun-164	0.83	1.61	4374.61	0	02:42	0	0
0:00:00							
Jun-164·2	0.95	1.82	4354.67	0	03:41	0	0
0:00:00							
Jun-165	0.34	0.84	4355.84	0	04:09	0	0
0:00:00							
Jun-165·2	1.04	2.09	4351.93	0	04:31	0	0
0:00:00							
Jun-165·4	1.21	2.76	4369.76	0	03:34	0	0
0:00:00							
Jun-166	1.05	2.09	4346.98	0	04:32	0	0
0:00:00							
Jun-166·3	0.59	1.70	4371.81	0	03:39	0	0
0:00:00							
Jun-166·4	0.87	1.60	4371.10	0	02:44	0	0
0:00:00							
Jun-167	0.73	1.94	4352.94	0	04:04	0	0
0:00:00							
Jun-167·2	0.55	1.80	4388.16	0	03:31	0	0
0:00:00							
Jun-167·4	0.56	1.04	4386.04	0	01:28	0	0
0:00:00							
Jun-168	0.46	0.79	4378.79	0	13:47	0	0
0:00:00							
Jun-168·2	0.85	2.23	4372.91	0	03:38	0	0
0:00:00							
Jun-169·2	0.30	0.82	4416.25	0	01:17	0	0
0:00:00							
Jun-169·4	0.55	0.98	4377.98	0	13:49	0	0
0:00:00							
Jun-170·4	0.64	0.96	4369.46	0	01:19	0	0
0:00:00							
Jun-171·4	0.69	1.08	4371.53	0	01:37	0	0
0:00:00							
Jun-172	0.72	1.52	4392.12	0	03:35	0	0
0:00:00							
Jun-173	0.37	0.68	4365.68	0	01:16	0	0

0:00:00							
Jun-174	6.73	7.00	4358.00	0	01:10	0	0
0:00:00							
Jun-174·4	0.58	1.03	4361.89	0	03:44	0	0
0:00:00							
Jun-175	1.65	3.44	4357.54	0	03:43	0	0
0:00:00							
Jun-175·4	0.58	1.05	4360.07	0	14:01	0	0
0:00:00							
Jun-176	0.89	1.54	4353.54	0	03:07	0	0
0:00:00							
Jun-177	1.29	1.57	4380.57	0	12:07	0	0
0:00:00							
Jun-177·4	0.73	1.19	4354.19	0	03:06	0	0
0:00:00							
Jun-178	0.72	1.52	4386.52	0	03:37	0	0
0:00:00							
Jun-178·4	1.18	2.07	4357.07	0	03:45	0	0
0:00:00							
Jun-179	0.87	1.83	4382.47	0	03:38	0	0
0:00:00							
Jun-179·3	0.13	0.33	4373.33	0	03:30	0	0
0:00:00							
Jun-179·4	0.82	1.53	4363.53	0	03:37	0	0
0:00:00							
Jun-17-J	0.42	0.74	4392.67	0	01:22	0	0
0:00:00							
Jun-180	0.51	0.94	4377.94	0	01:51	0	0
0:00:00							
Jun-180·4	0.73	1.33	4374.91	0	11:37	0	0
0:00:00							
Jun-181	0.54	1.49	4375.49	0	01:12	0	0
0:00:00							
Jun-181·4	0.44	0.71	4363.44	0	01:19	0	0
0:00:00							
Jun-182	0.67	1.03	4359.28	0	14:01	0	0
0:00:00							
Jun-183	0.63	1.67	4359.67	0	04:06	0	0
0:00:00							
Jun-183·4	0.67	1.01	4356.53	0	03:06	0	0
0:00:00							
Jun-184	0.81	1.67	4357.26	0	04:08	0	0
0:00:00							
Jun-184·4	7.33	7.61	4374.50	0	01:56	0	0
0:00:00							
Jun-185	0.33	0.80	4388.68	0	03:34	0	0
0:00:00							
Jun-185·4	9.68	10.12	4368.97	0	02:19	0	0
0:00:00							
Jun-186	0.74	1.88	4386.54	0	03:33	0	0

0:00:00							
Jun-187	0.79	1.95	4385.83	0	03:35	0	0
0:00:00							
Jun-187·4	0.42	0.93	4367.08	0	03:34	0	0
0:00:00							
Jun-188	0.79	1.95	4386.08	0	03:34	0	0
0:00:00							
Jun-188·4	0.95	1.82	4359.44	0	03:38	0	0
0:00:00							
Jun-189	0.91	1.59	4352.96	0	07:00	0	0
0:00:00							
Jun-190	1.14	2.17	4349.17	0	07:00	0	0
0:00:00							
Jun-192	0.24	0.66	4385.66	0	03:30	0	0
0:00:00							
Jun-194	0.71	1.25	4366.97	0	03:07	0	0
0:00:00							
Jun-195	0.35	0.88	4417.88	0	03:31	0	0
0:00:00							
Jun-195·4	0.68	1.21	4375.14	0	12:14	0	0
0:00:00							
Jun-196	0.35	0.99	4410.87	0	03:31	0	0
0:00:00							
Jun-197	0.40	1.07	4405.68	0	03:33	0	0
0:00:00							
Jun-197·3	0.11	0.63	4375.63	0	01:05	0	0
0:00:00							
Jun-198	1.01	2.81	4353.81	0	03:47	0	0
0:00:00							
Jun-19-J	0.33	0.53	4396.31	0	01:12	0	0
0:00:00							
Jun-200	0.65	1.21	4366.93	0	02:11	0	0
0:00:00							
Jun-200·3	1.31	1.88	4389.88	0	03:30	0	0
0:00:00							
Jun-201	0.53	1.19	4354.19	0	02:19	0	0
0:00:00							
Jun-203	0.99	2.86	4359.86	0	03:44	0	0
0:00:00							
Jun-204	0.46	1.07	4393.07	0	02:34	0	0
0:00:00							
Jun-205	0.48	1.05	4390.05	0	02:35	0	0
0:00:00							
Jun-210	0.13	0.56	4406.56	0	03:30	0	0
0:00:00							
Jun-212	1.18	2.08	4353.80	0	11:03	0	0
0:00:00							
Jun-213	0.35	0.95	4397.95	0	03:31	0	0
0:00:00							
Jun-214	1.31	2.42	4351.75	0	07:04	0	0

0:00:00							
Jun-215	0.00	0.00	4387.00	0	00:00	0	0
0:00:00							
Jun-216	0.00	0.00	4386.00	0	00:00	0	0
0:00:00							
Jun-217	1.54	7.00	4354.19	0	06:22	0.24	90
0:00:00							
Jun-219	0.57	1.16	4380.16	0	02:36	0	0
0:00:00							
Jun-21-J	0.18	0.83	4418.48	0	01:15	0	0
0:00:00							
Jun-224	0.14	0.61	4386.61	0	03:32	0	0
0:00:00							
Jun-227	0.15	0.67	4387.17	0	03:32	0	0
0:00:00							
Jun-230	0.16	0.71	4387.71	0	03:31	0	0
0:00:00							
Jun-248	0.00	0.00	4385.00	0	00:00	0	0
0:00:00							
Jun-24-J	0.30	0.57	4381.98	0	13:47	0	0
0:00:00							
Jun-254	0.16	0.70	4405.37	0	03:31	0	0
0:00:00							
Jun-25-J	0.40	0.72	4381.72	0	13:48	0	0
0:00:00							
Jun-26-J	0.98	2.25	4371.25	0	03:33	0	0
0:00:00							
Jun-273	0.28	0.65	4392.11	0	03:33	0	0
0:00:00							
Jun-27-J	0.28	0.47	4370.47	0	12:37	0	0
0:00:00							
Jun-28·4	0.58	2.06	4373.06	0	03:32	0	0
0:00:00							
Jun-281	0.36	0.95	4375.37	0	03:37	0	0
0:00:00							
Jun-282	0.42	1.12	4369.55	0	03:36	0	0
0:00:00							
Jun-291	0.46	1.29	4362.70	0	03:41	0	0
0:00:00							
Jun-297	0.28	1.50	4377.38	0	01:09	0	0
0:00:00							
Jun-299	0.65	1.90	4363.95	0	03:35	0	0
0:00:00							
Jun-300	0.78	2.28	4362.21	0	03:36	0	0
0:00:00							
Jun-306	0.22	0.86	4394.86	0	03:31	0	0
0:00:00							
Jun-307	0.33	1.02	4390.19	0	03:31	0	0
0:00:00							
Jun-308	0.61	1.53	4387.53	0	03:31	0	0

0:00:00							
Jun-309	0.63	1.59	4386.59	0	03:32	0	0
0:00:00							
Jun-30-J	0.24	1.05	4408.05	0	01:17	0	0
0:00:00							
Jun-310	0.63	1.59	4386.29	0	03:33	0	0
0:00:00							
Jun-314	0.36	1.18	4376.18	0	03:31	0	0
0:00:00							
Jun-315	3.41	4.29	4384.29	0	04:01	0	0
0:00:00							
Jun-316	0.27	0.73	4379.73	0	03:31	0	0
0:00:00							
Jun-319	0.48	1.31	4376.09	0	03:35	0	0
0:00:00							
Jun-320	0.48	1.31	4375.94	0	03:35	0	0
0:00:00							
Jun-321	0.59	1.70	4368.83	0	03:39	0	0
0:00:00							
Jun-322	0.61	1.78	4366.14	0	03:40	0	0
0:00:00							
Jun-323	0.23	0.71	4366.83	0	03:30	0	0
0:00:00							
Jun-325	0.31	0.88	4387.38	0	03:33	0	0
0:00:00							
Jun-327	0.14	0.98	4383.98	0	01:08	0	0
0:00:00							
Jun-328	0.20	0.98	4380.98	0	01:09	0	0
0:00:00							
Jun-34-J	0.99	2.17	4349.67	0	04:08	0	0
0:00:00							
Jun-35-J	1.36	3.13	4350.13	0	04:07	0	0
0:00:00							
Jun-37-J	0.60	1.32	4403.06	0	03:33	0	0
0:00:00							
Jun-38-J	0.04	0.19	4442.56	0	03:32	0	0
0:00:00							
Jun-39-J	0.05	0.24	4415.57	0	03:32	0	0
0:00:00							
Jun-42-J	0.65	1.63	4352.13	0	04:08	0	0
0:00:00							
Jun-43-J	0.13	0.36	4394.54	0	03:31	0	0
0:00:00							
Jun-44-J	0.66	1.16	4377.77	0	02:28	0	0
0:00:00							
Jun-45-J	0.66	1.16	4377.66	0	02:28	0	0
0:00:00							
Jun-51·2	0.51	1.18	4390.18	0	03:35	0	0
0:00:00							
Jun-54-J	0.81	1.61	4354.43	0	03:40	0	0

0:00:00							
Jun-75-J	0.27	0.51	4389.51	0	01:05	0	0
0:00:00							
Jun-76-J	0.27	0.51	4387.58	0	01:26	0	0
0:00:00							
Jun-81-J	0.46	0.80	4377.78	0	13:47	0	0
0:00:00							
Jun-82-J	1.60	3.44	4360.57	0	03:41	0	0
0:00:00							
Jun-83-J	1.20	2.67	4369.63	0	03:39	0	0
0:00:00							
Jun-85-J	0.67	1.33	4394.33	0	03:08	0	0
0:00:00							
Jun-86-J	0.37	0.44	4357.32	0	01:46	0	0
0:00:00							
Jun-87-J	0.51	0.90	4378.40	0	13:49	0	0
0:00:00							
Jun-92-J	0.16	0.33	4387.33	0	01:23	0	0
0:00:00							
Jun-95-J	0.59	1.67	4375.83	0	03:32	0	0
0:00:00							
Jun-96-J	0.59	1.67	4375.48	0	03:33	0	0
0:00:00							
Jun-99-J	0.39	1.00	4382.00	0	03:32	0	0
0:00:00							
4·2	0.48	0.93	4348.93	0	01:38	0	0
0:00:00							
Jun-108	0.92	2.19	4350.19	0	03:43	0	0
0:00:00							
Jun-139·2	1.15	2.28	4350.28	0	07:16	0	0
0:00:00							
Jun-142·2	1.03	1.98	4349.98	0	05:31	0	0
0:00:00							
Jun-202	0.56	1.53	4348.53	0	02:42	0	0
0:00:00							
Out-01	0.05	0.13	0.13	0	04:10	0	0
0:00:00							
Out-01·2	1.03	2.07	4344.04	0	04:33	0	0
0:00:00							
Out-01·3	0.02	0.08	0.08	0	03:30	0	0
0:00:00							
Out-01·4	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-02·2	0.86	1.68	4349.68	0	03:45	0	0
0:00:00							
Out-02·4	0.07	0.17	0.17	0	04:04	0	0
0:00:00							
Out-03	0.00	0.00	0.00	0	00:00	0	0
0:00:00							
Out-03·2	0.00	0.00	4348.00	0	00:00	0	0

0:00:00
  Out-04   0.06   0.12   0.12   0 03:08   0   0
0:00:00
  Out-04·2   0.15   0.30   4348.30   0 04:13   0   0
0:00:00
  Out-04·4   0.03   0.10   0.10   0 04:00   0   0
0:00:00
  Out-05   0.00   0.00   0.00   0 00:00   0   0
0:00:00
  Out-05·2   0.15   0.34   4348.34   0 05:31   0   0
0:00:00
  Out-05·4   1.13   2.17   4346.85   0 07:02   0   0
0:00:00
  Out-06   0.00   0.00   0.00   0 00:00   0   0
0:00:00
  Out-07   0.00   0.00   0.00   0 00:00   0   0
0:00:00
  Out-09   1.21   2.76   4366.76   0 03:36   0   0
0:00:00
  Out-10   1.63   3.38   4354.22   0 03:45   0   0
0:00:00
  Out-11   1.36   3.13   4347.18   0 04:08   0   0
0:00:00
  Out-12   0.15   0.38   0.38   0 03:50   0   0
0:00:00
  Out-13   1.29   2.66   4346.66   0 07:51   0   0
0:00:00
  Diversion-10-298-1   0.00   0.00   4443.00   0 00:00   0   0
  0:00:00
  Diversion-10-303   0.17   0.42   4443.42   0 04:00   0   0
0:00:00
  Diversion-10-305-1   0.16   0.33   4443.33   0 02:01   0   0
  0:00:00
  Diversion-10-312-1   0.12   0.25   4443.25   0 04:00   0   0
  0:00:00
  Diversion-10-318-1   0.00   0.00   4442.00   0 00:00   0   0
  0:00:00
  Diversion-10-318-2   0.00   0.00   4443.00   0 00:00   0   0
  0:00:00
  Diversion-10-318-3   0.00   0.00   4442.00   0 00:00   0   0
  0:00:00
  Diversion-10-326   0.21   0.48   4443.48   0 04:30   0   0
0:00:00
  Diversion-10-327-1   0.22   0.42   4443.42   0 02:01   0   0
  0:00:00
  Diversion-10-328-1   0.36   0.71   4443.71   0 02:10   0   0
  0:00:00
  Diversion-10-328-2   0.37   0.71   4442.71   0 02:24   0   0
  0:00:00
  Diversion-10-329-1   0.00   0.00   4442.00   0 00:00   0   0

0:00:00
Diversion-10-329-2 0.00 0.00 4443.00 0 00:00 0 0
0:00:00
Diversion-10-330 0.22 0.41 4443.41 0 02:52 0 0
0:00:00
Diversion-10-331 0.16 0.34 4443.34 0 05:30 0 0
0:00:00
Diversion-10-332-1 0.62 1.50 4443.50 0 02:50 0 0
0:00:00
Diversion-10-332-2 2.41 7.00 4450.00 0 02:32 2.48 566
0:00:00
Diversion-10-332-3 0.61 1.50 4444.50 0 02:42 0 0
0:00:00
Diversion-10-333-1 0.00 0.00 4443.00 0 00:00 0 0
0:00:00
Diversion-10-333-2 0.00 0.00 4445.00 0 00:00 0 0
0:00:00
Diversion-10-334-1 0.00 0.00 4442.00 0 00:00 0 0
0:00:00
Diversion-10-334-2 0.00 0.00 4443.00 0 00:00 0 0
0:00:00
Diversion-10-334-3 0.14 0.30 4442.30 0 03:46 0 0
0:00:00
Diversion-11-336-1 0.35 0.88 4418.88 0 03:30 0 0
0:00:00
Diversion-11-337-1 0.00 0.00 4392.00 0 00:00 0 0
0:00:00
Diversion-11-337-2 0.00 0.00 4391.00 0 00:00 0 0
0:00:00
Diversion-11-337-3 2.42 7.00 4393.00 0 02:40 4.82 564
0:00:00
Diversion-11-337-4 2.65 3.32 4385.32 0 03:04 0 0
0:00:00
Diversion-11-338-1 0.23 0.39 4405.39 0 01:56 0 0
0:00:00
Diversion-11-339-1 0.56 1.14 4403.14 0 01:50 0 0
0:00:00
Diversion-11-339-2 0.58 1.14 4396.14 0 02:19 0 0
0:00:00
Diversion-11-339-3 2.59 7.00 4397.00 0 01:53 6.30 610
0:00:00
Diversion-11-339-4 0.69 1.50 4390.50 0 12:07 0 0
0:00:00
Diversion-11-339-5 0.39 0.66 4383.66 0 03:33 0 0
0:00:00
Diversion-11-340-1 0.25 0.47 4386.47 0 02:05 0 0
0:00:00
Diversion-11-340-2 0.27 0.47 4383.47 0 02:25 0 0
0:00:00
Diversion-11-341-1 0.31 0.53 4385.53 0 01:29 0 0

0:00:00
Diversion-11-342-1 0.00 0.00 4369.00 0 00:00 0 0
0:00:00
Diversion-11-342-2 0.00 0.00 4368.00 0 00:00 0 0
0:00:00
Diversion-11-342-3 0.00 0.00 4367.00 0 00:00 0 0
0:00:00
Diversion-11-343-2 0.43 0.90 4373.90 0 02:05 0 0
0:00:00
Diversion-11-343-3 0.45 1.13 4369.13 0 02:23 0 0
0:00:00
Diversion-11-344-1 0.00 0.00 4385.00 0 00:00 0 0
0:00:00
Diversion-11-344-3 0.00 0.00 4378.00 0 00:00 0 0
0:00:00
Diversion-11-344-4 0.00 0.00 4373.00 0 00:00 0 0
0:00:00
Diversion-11-344-5 0.00 0.00 4371.00 0 00:00 0 0
0:00:00
Diversion-11-344-6 0.00 0.00 4368.00 0 00:00 0 0
0:00:00
Diversion-11-344-7 0.00 0.00 4367.50 0 00:00 0 0
0:00:00
Diversion-11-345-1 0.00 0.00 4366.00 0 00:00 0 0
0:00:00
Diversion-11-346-1 0.00 0.00 4363.00 0 00:00 0 0
0:00:00
Diversion-11-346-2 0.00 0.00 4360.50 0 00:00 0 0
0:00:00
Diversion-11-346-3 0.00 0.00 4358.00 0 00:00 0 0
0:00:00
Diversion-11-346-5 0.34 0.85 4358.15 0 04:00 0 0
0:00:00
Diversion-11-346-6 0.37 0.90 4351.90 0 04:01 0 0
0:00:00
Diversion-11-348-1 0.67 0.70 4357.70 0 01:42 0 0
0:00:00
Diversion-11-348-2 0.67 0.80 4356.80 0 01:46 0 0
0:00:00
Diversion-11-349-1 0.00 0.00 4366.00 0 00:00 0 0
0:00:00
Diversion-11-349-2 0.00 0.00 4363.00 0 00:00 0 0
0:00:00
Diversion-11-349-3 0.00 0.00 4358.00 0 00:00 0 0
0:00:00
Diversion-11-349-4 2.48 3.00 4360.00 0 01:05 81.37 1489
0:00:00
Diversion-12-350 0.20 0.37 4413.37 0 00:57 0 0
0:00:00
Diversion-12-351 0.24 0.44 4407.44 0 01:20 0 0

0:00:00
  Diversion-12-352   0.21   0.48   4411.48   0 03:30   0   0
0:00:00
  Diversion-12-353   0.31   0.73   4398.73   0 03:30   0   0
0:00:00
  Diversion-12-354   0.21   0.53   4407.53   0 03:30   0   0
0:00:00
  Diversion-12-355-1   0.22   0.60   4397.60   0 03:30   0   0
  0:00:00
  Diversion-12-355-2   0.34   0.95   4394.95   0 03:32   0   0
  0:00:00
  Diversion-12-357   0.17   0.41   4392.41   0 03:30   0   0
0:00:00
  Diversion-12-358   0.30   0.86   4394.86   0 03:30   0   0
0:00:00
  Diversion-12-359-1   0.18   0.49   4384.49   0 03:30   0   0
  0:00:00
  Diversion-12-362   0.19   0.41   4386.41   0 03:30   0   0
0:00:00
  Diversion-12-363-1   0.13   0.47   4477.47   0 03:30   0   0
  0:00:00
  Diversion-12-365   0.25   0.71   4388.71   0 03:30   0   0
0:00:00
  Diversion-12-366   0.58   7.00   4391.00   0 03:10   0.13   52
0:00:00
  Diversion-12-367   0.05   0.13   7389.13   0 03:30   0   0
0:00:00
  Diversion-12-368   0.26   0.70   4388.70   0 03:30   0   0
0:00:00
  Diversion-12-369   0.36   0.99   4376.99   0 03:30   0   0
0:00:00
  Diversion-12-371-1   0.37   1.11   4372.11   0 03:30   0   0
  0:00:00
  Diversion-12-371-2   0.40   1.16   4369.16   0 03:30   0   0
  0:00:00
  Diversion-12-371-3   0.43   7.00   4370.00   0 03:29   0.00   7
  0:00:00
  Diversion-3282-2   0.31   0.52   4378.52   0 13:49   0   0
0:00:00
  Diversion-346-4   0.00   0.00   4357.50   0 00:00   0   0
0:00:00
  Diversion-46   0.50   1.13   4359.13   0 07:01   0   0
0:00:00
  Diversion-9-266   0.31   0.72   4383.72   0 04:00   0   0
0:00:00
  Diversion-9-270   0.00   0.00   4373.00   0 00:00   0   0
0:00:00
  Diversion-9-271   0.00   0.00   4383.00   0 00:00   0   0
0:00:00
  Diversion-9-272   0.28   0.50   4383.50   0 01:08   0   0

0:00:00								
Diversion-9-273	0.18	0.29	4393.29	0	01:01	0	0	
0:00:00								
Diversion-9-274	0.20	0.38	4421.38	0	01:42	0	0	
0:00:00								
Diversion-9-274-2	0.49	1.19	4404.19	0	02:36	0	0	
0:00:00								
Diversion-9-275-1	0.00	0.00	4368.00	0	00:00	0	0	
0:00:00								
Diversion-9-275-2	0.00	0.00	4367.00	0	00:00	0	0	
0:00:00								
Diversion-9-275-3	0.00	0.00	4363.00	0	00:00	0	0	
0:00:00								
Diversion-9-276-1	0.23	0.31	4371.31	0	00:31	0	0	
0:00:00								
Diversion-9-276-2	6.18	7.00	4373.00	0	00:31	97.57	1590	
0:00:00								
Diversion-9-276-3	0.00	0.00	4365.00	0	00:00	0	0	
0:00:00								
Diversion-9-277-1	0.00	0.00	4371.00	0	00:00	0	0	
0:00:00								
Diversion-9-278-3	7.32	7.61	4379.61	0	01:44	0	0	
0:00:00								
Diversion-9-281-1	0.22	0.58	4379.58	0	03:30	0	0	
0:00:00								
Diversion-9-282-1	0.30	0.52	4380.52	0	01:06	0	0	
0:00:00								
Diversion-9-283	0.00	0.00	4390.00	0	00:00	0	0	
0:00:00								
Diversion-9-284-1	0.27	0.47	4400.47	0	01:03	0	0	
0:00:00								
Diversion-9-284-2	0.32	0.55	4397.55	0	01:09	0	0	
0:00:00								
Diversion-9-285-1	0.43	0.76	4381.76	0	01:03	0	0	
0:00:00								
Diversion-9-285-2	0.45	0.76	4380.76	0	01:24	0	0	
0:00:00								
Diversion-9-286-1	0.13	0.27	4393.27	0	01:07	0	0	
0:00:00								
Diversion-9-286-2	0.00	0.00	4392.00	0	00:00	0	0	
0:00:00								
Diversion-9-286-3	0.00	0.00	4386.00	0	00:00	0	0	
0:00:00								
Diversion-9-286-4	0.26	0.41	4383.41	0	01:07	0	0	
0:00:00								
Diversion-9-287-1	0.29	0.56	4392.56	0	01:24	0	0	
0:00:00								
Diversion-9-288-1	0.20	0.52	4360.52	0	02:46	0	0	
0:00:00								
Diversion-9-289-1	3.90	7.00	4364.00	0	01:14	4.14	947	

0:00:00
Diversion-9-289-2 0.45 0.91 4358.91 0 01:58 0 0
0:00:00
Diversion-9-290-1 0.39 0.82 4359.82 0 02:29 0 0
0:00:00
Diversion-9-291-1 0.34 0.68 4362.68 0 02:11 0 0
0:00:00
Diversion-9-292 0.34 0.69 4362.69 0 01:54 0 0
0:00:00
Diversion-9-293-2 0.44 0.87 4378.87 0 01:57 0 0
0:00:00
Diversion-9-293-3 0.46 0.87 4374.87 0 02:22 0 0
0:00:00
Diversion-9-294-1 0.32 0.59 4380.59 0 01:51 0 0
0:00:00
Diversion-9-295 0.00 0.00 4372.00 0 00:00 0 0
0:00:00
Diversion-9-296-1 2.00 2.00 4366.00 0 00:01 0 0
0:00:00
Diversion-9-296-3 0.50 1.13 4366.13 0 07:00 0 0
0:00:00
Diversion-North Area 0.10 0.21 4443.21 0 02:25 0 0
0:00:00
Jun-206 132.25 518.29 4941.29 0 07:04 0.16 1026
0:00:00
Stor-11-339 0.34 0.66 4379.56 0 12:07 0 0
0:00:00
Stor-11-345 0.53 1.53 4363.53 0 04:02 0 0
0:00:00
Stor-11-346 0.64 1.63 4352.38 0 04:08 0 0
0:00:00
Stor-11-471 0.02 0.10 4390.10 0 03:13 0 0
0:00:00
Stor-12-353 0.24 0.56 4404.56 0 03:32 0 0
0:00:00
Stor-12-358 0.09 1.33 4397.33 0 01:07 0 0
0:00:00
Stor-12-360 0.31 0.88 4387.88 0 03:32 0 0
0:00:00
Stor-12-361 0.25 0.68 4388.68 0 03:33 0 0
0:00:00
Stor-12-364 0.00 0.00 4385.50 0 00:00 0 0
0:00:00
Stor-12-365 0.00 0.00 4384.00 0 00:00 0 0
0:00:00
Stor-12-366 0.35 0.93 4378.93 0 03:36 0 0
0:00:00
Stor-12-367 0.46 1.29 4364.20 0 03:41 0 0
0:00:00
Stor-12-368 0.48 1.31 4376.31 0 03:34 0 0

0:00:00
  Stor-12-369   0.68   2.10   4375.79   0 03:40   0   0
0:00:00
  Stor-13   253.44   963.69   5337.69   0 07:25   0.40   1055
0:00:00
  Stor-14   212.56   828.63   5212.63   0 07:14   0.32   1037
0:00:00
  Stor-15   189.71   739.59   5124.59   0 07:08   0.33   1035
0:00:00
  Stor-16   65.84   252.12   4647.12   0 07:01   0.07   879
0:00:00
  Stor-17   44.13   231.29   4654.29   0 06:51   0.16   888
0:00:00
  Stor-18   370.42   1446.24   5816.24   0 07:20   1.30   1256
0:00:00
  Stor-19   194.06   904.05   5275.05   0 07:19   0.07   652
0:00:00
  Stor-20   459.65   1378.71   5750.71   0 08:32   0.37   1197
0:00:00
  Stor-21   237.24   1040.86   5417.86   0 07:30   0.86   968
0:00:00
  Stor-22   55.36   212.08   4587.08   0 07:02   0.04   849
0:00:00
  Stor-23   0.00   0.00   4381.00   0 00:00   0   0
0:00:00
  Stor-24   84.86   326.68   4708.68   0 07:06   0.21   896
0:00:00
  Stor-25   134.51   521.17   4913.17   0 07:03   0.12   981
0:00:00
  Stor-26   153.30   596.43   4998.43   0 07:03   0.18   1034
0:00:00
  Stor-27   76.14   324.64   4718.64   0 07:10   0.19   909
0:00:00
  Stor-28   149.53   580.78   4963.78   0 07:03   0.19   1033
0:00:00
  Stor-29   141.26   689.42   5068.42   0 07:27   0.64   892
0:00:00
  Stor-30   89.15   364.01   4738.01   0 07:21   0.11   961
0:00:00
  Stor-31   32.93   167.65   4529.65   0 08:06   0.22   749
0:00:00
  Stor-32   115.64   593.54   4960.54   0 07:17   0.70   916
0:00:00
  Stor-33   50.13   289.83   4650.83   0 07:27   0.48   869
0:00:00
  Stor-34   48.92   261.45   4624.45   0 07:19   0.23   891
0:00:00
  Stor-35   63.53   320.07   4684.07   0 07:12   0.24   916
0:00:00
  Stor-36   138.14   725.29   5099.29   0 07:40   0.95   880

0:00:00
  Stor-37   48.28   240.50   4614.50   0 07:11   0.10   903
0:00:00
  Stor-38   29.21   143.11   4511.11   0 07:15   0.12   726
0:00:00
  Stor-39   139.30   720.06   5165.06   0 07:20   0.78   870
0:00:00
  Stor-40   129.28   704.98   5156.98   0 08:16   1.21   887
0:00:00
  Stor-41   68.98   421.09   4864.59   0 06:58   0.93   835
0:00:00
  Stor-42   154.16   599.82   5043.32   0 07:08   0.18   1033
0:00:00
  Stor-43   39.32   195.17   4577.17   0 07:26   0.25   785
0:00:00
  Stor-44   16.47   77.91   4459.91   0 07:05   0.02   587
0:00:00
  Stor-45   2.91   14.90   4408.90   0 05:18   0.25   495
0:00:00
  Stor-46   56.69   301.13   4745.13   0 07:06   0.29   894
0:00:00
  Stor-47   43.91   218.50   4608.00   0 07:14   0.21   829
0:00:00
  Stor-48   42.98   215.21   4599.21   0 07:29   0.24   828
0:00:00
  Stor-49   59.84   305.48   4686.48   0 07:32   0.24   913
0:00:00
  Stor-50   46.53   232.35   4676.35   0 07:19   0.13   888
0:00:00
  Stor-51   68.30   348.52   4792.52   0 07:26   0.33   915
0:00:00
  Stor-52   125.75   669.20   5113.20   0 07:55   1.02   893
0:00:00
  Stor-53   114.30   723.86   5169.86   0 08:06   2.24   842
0:00:00
  Stor-54   47.50   341.26   4785.26   0 08:25   1.86   808
0:00:00
  Stor-55   208.01   1055.83   5499.83   0 08:05   1.47   912
0:00:00
  Stor-56   262.45   1313.06   5680.06   0 07:47   1.92   969
0:00:00
  Stor-57   66.26   355.83   4731.83   0 07:14   0.41   896
0:00:00
  Stor-58   3186.99   4071.13   8429.13   0 14:12   93.94   1704
0:00:00
  Stor-59   198.42   1326.23   5693.23   0 06:54   4.76   786
0:00:00
  Stor-60   774.91   3437.17   7823.17   0 07:39   2.93   957
0:00:00
  Stor-61   71.42   301.75   4687.75   0 07:16   0.18   831

0:00:00
  Stor-62   229.68   1120.95   5523.95   0 07:15   1.19   897
0:00:00
  Stor-63   41.14   204.51   4591.51   0 07:22   0.22   809
0:00:00
  Stor-64   201.27   1092.57   5485.57   0 08:08   1.89   891
0:00:00
  Stor-65   23.16   112.33   4518.33   0 07:13   0.04   650
0:00:00
  Stor-66   50.05   190.55   4604.55   0 07:00   0.01   806
0:00:00
  Stor-67   50.06   211.50   4619.50   0 07:01   0.10   813
0:00:00
  Stor-68   145.20   757.44   5201.44   0 07:32   1.00   878
0:00:00

  ****
  Node Flow Summary
  ****

-
  Node   Element   Maximum   Peak   Time of   Maximum Time of
Peak
  ID   Type   Lateral   Inflow Peak Inflow Flooding
Flooding
                                   Inflow   Occurrence Overflow
Occurrence
                                      cfs   cfs days hh:mm   cfs days
hh:mm

-
  J1000   JUNCTION   0.00   24.22   0 04:00   0.00
  J1004   JUNCTION   0.00   78.48   0 03:40   0.00
  J1005   JUNCTION   0.00   75.54   0 03:39   0.00
  J1010   JUNCTION   0.00   24.20   0 04:00   0.00
  J1081   JUNCTION   0.00   8.77   0 03:30   3.22   0
03:31
  J1086   JUNCTION   0.00   4.51   0 03:32   0.27   0
03:32
  J1527   JUNCTION   16.89   16.89   0 04:00   0.00
  J1548   JUNCTION   0.00   10.58   0 03:31   0.00
  J1593   JUNCTION   1.65   7.19   0 03:30   0.00
  J1600   JUNCTION   0.00   0.00   0 00:00   0.00
  J1639   JUNCTION   0.00   31.76   0 03:36   0.00
  J1640   JUNCTION   0.00   33.77   0 03:36   0.00
  J1641   JUNCTION   0.00   66.43   0 03:38   0.00

J1646	JUNCTION	0.00	18.94	0	04:03	0.00	
J1672	JUNCTION	0.00	7.62	0	03:31	2.07	0 03:32
J1700	JUNCTION	0.00	3.25	0	03:34	0.00	
J1757	JUNCTION	0.00	8.10	0	02:35	1.17	0 02:35
J1762	JUNCTION	0.00	27.36	0	03:31	0.00	
J1766	JUNCTION	2.60	6.81	0	04:00	0.44	0 04:00
J1770	JUNCTION	1.01	4.22	0	04:01	0.00	
J1772	JUNCTION	0.00	3.22	0	04:01	0.00	
J1773	JUNCTION	1.41	3.23	0	04:00	0.00	
J1809	JUNCTION	0.00	7.08	0	02:19	0.00	
J1813	JUNCTION	0.00	10.57	0	03:32	0.00	
J1818	JUNCTION	0.00	4.15	0	13:47	0.00	
J1819	JUNCTION	0.00	1.04	0	13:47	0.00	
J1825	JUNCTION	0.00	1.05	0	01:04	0.00	
J1826	JUNCTION	0.00	1.04	0	01:12	0.00	
J1827	JUNCTION	0.00	1.09	0	01:12	0.00	
J1831	JUNCTION	0.00	7.29	0	13:40	0.00	
J1833	JUNCTION	0.00	1.56	0	01:35	0.00	
J1837	JUNCTION	0.00	3.84	0	13:49	0.00	
J1841	JUNCTION	0.00	1.56	0	01:36	0.00	
J1842	JUNCTION	0.00	1.56	0	01:32	0.00	
J1845	JUNCTION	0.00	4.15	0	13:47	0.00	
J1890	JUNCTION	0.00	2.14	0	03:31	0.00	
J1892	JUNCTION	0.00	4.56	0	03:31	0.00	
J1894	JUNCTION	0.00	5.44	0	03:32	0.00	
J1897	JUNCTION	0.00	28.25	0	02:12	0.00	
J2000	JUNCTION	0.00	0.00	0	00:00	0.00	
J2500	JUNCTION	0.00	17.69	0	01:06	0.00	
J3000	JUNCTION	0.00	24.20	0	04:01	0.00	
J3600	JUNCTION	0.00	41.82	0	03:39	0.00	
J4000	JUNCTION	0.00	24.19	0	04:03	0.00	
J4200	JUNCTION	0.00	86.37	0	03:41	0.00	
J4300	JUNCTION	0.00	19.81	0	11:38	0.00	
J45700	JUNCTION	0.00	10.56	0	01:19	0.00	
J464	JUNCTION	1.19	1.19	0	04:00	0.00	
J470	JUNCTION	0.00	24.69	0	03:31	2.56	0 03:29
J490	JUNCTION	0.00	8.37	0	01:06	0.00	
J583	JUNCTION	0.00	1.07	0	03:31	0.00	
J591	JUNCTION	0.00	11.03	0	03:33	0.00	
J597	JUNCTION	0.00	1.18	0	03:31	0.00	
J599	JUNCTION	0.00	31.92	0	03:39	0.00	
J609	JUNCTION	0.00	5.91	0	06:43	0.00	
J611	JUNCTION	0.00	9.97	0	03:31	0.00	
J614	JUNCTION	0.00	9.97	0	03:32	0.00	
J8000	JUNCTION	0.00	24.19	0	04:02	0.00	
J919	JUNCTION	0.00	1.07	0	01:16	0.00	

Jun-01-J	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-07-J	JUNCTION	0.00	24.20	0	03:14	0.00	
Jun-08-J	JUNCTION	0.00	29.78	0	03:31	0.00	
Jun-09-J	JUNCTION	0.00	5.77	0	03:34	0.00	
Jun-102	JUNCTION	0.00	18.99	0	04:00	0.00	
Jun-102·4	JUNCTION	0.00	5.43	0	03:32	0.00	
Jun-104	JUNCTION	0.00	40.60	0	03:37	0.00	
Jun-105	JUNCTION	0.00	7.76	0	02:24	0.00	
Jun-107	JUNCTION	0.00	13.04	0	03:36	0.00	
Jun-108·3	JUNCTION	0.00	13.04	0	03:37	0.00	
Jun-10-J	JUNCTION	0.00	5.77	0	03:35	0.00	
Jun-112	JUNCTION	0.00	1.86	0	13:47	0.00	
Jun-117	JUNCTION	0.00	13.62	0	04:00	0.00	
Jun-117·3	JUNCTION	0.00	2.32	0	12:47	0.00	
Jun-118·3	JUNCTION	0.00	3.20	0	02:16	0.00	
Jun-119	JUNCTION	18.93	18.93	0	01:20	0.00	
Jun-122	JUNCTION	0.00	2.26	0	03:30	0.00	
Jun-123	JUNCTION	0.00	9.50	0	04:00	0.00	
Jun-124	JUNCTION	0.00	4.99	0	01:23	0.00	
Jun-125	JUNCTION	0.00	18.93	0	04:05	0.00	
Jun-126	JUNCTION	0.00	9.50	0	04:00	0.00	
Jun-126·3	JUNCTION	0.00	7.89	0	03:34	0.00	
Jun-128	JUNCTION	0.00	9.50	0	04:00	0.00	
Jun-128·2	JUNCTION	10.61	10.61	0	01:15	0.00	
Jun-128·4	JUNCTION	0.00	2.21	0	13:48	0.00	
Jun-129	JUNCTION	5.11	5.11	0	01:15	0.00	
Jun-130	JUNCTION	0.00	5.43	0	01:20	0.00	
Jun-130·4	JUNCTION	0.00	1.86	0	01:30	0.00	
Jun-131	JUNCTION	0.51	18.91	0	01:21	0.00	
Jun-132	JUNCTION	12.89	18.47	0	01:31	0.00	
Jun-133	JUNCTION	0.00	52.10	0	03:39	0.00	
Jun-133·3	JUNCTION	18.21	18.21	0	01:00	0.00	
Jun-134	JUNCTION	0.00	55.65	0	03:40	0.00	
Jun-135	JUNCTION	0.00	59.20	0	03:41	0.00	
Jun-136·2	JUNCTION	0.00	62.76	0	03:42	0.00	
Jun-137	JUNCTION	0.00	17.82	0	03:34	0.00	
Jun-137·3	JUNCTION	0.00	0.86	0	13:44	0.00	
Jun-139	JUNCTION	0.00	66.43	0	03:38	0.00	
Jun-139·4	JUNCTION	0.00	5.77	0	03:33	0.00	
Jun-140	JUNCTION	0.00	22.37	0	03:43	0.00	
Jun-140·4	JUNCTION	0.00	11.80	0	04:02	1.06	0
04:03							
Jun-141·2	JUNCTION	0.00	26.63	0	11:38	0.00	
Jun-142	JUNCTION	0.00	10.86	0	02:40	0.00	
Jun-144·2	JUNCTION	0.00	21.89	0	07:10	0.00	
Jun-144·4	JUNCTION	0.00	10.04	0	02:11	0.00	
Jun-145·2	JUNCTION	0.00	25.49	0	07:10	0.00	
Jun-145·4	JUNCTION	0.00	4.15	0	13:47	0.00	
Jun-146·2	JUNCTION	0.00	30.70	0	07:11	0.00	
Jun-147	JUNCTION	0.00	36.79	0	07:12	0.00	

Jun-148	JUNCTION	0.00	24.19	0	04:03	0.00
Jun-148·2	JUNCTION	0.00	41.31	0	07:13	0.00
Jun-148·4	JUNCTION	0.00	1.86	0	01:05	0.00
Jun-149	JUNCTION	0.00	48.37	0	07:14	0.00
Jun-14-J	JUNCTION	0.00	4.28	0	01:47	0.00
Jun-150	JUNCTION	0.00	0.74	0	03:12	0.00
Jun-150·2	JUNCTION	0.00	64.22	0	07:15	0.00
Jun-152	JUNCTION	0.00	80.56	0	03:39	0.00
Jun-152·2	JUNCTION	0.00	60.82	0	07:15	0.00
Jun-153	JUNCTION	0.00	67.62	0	07:16	0.00
Jun-154	JUNCTION	0.00	21.05	0	02:00	0.00
Jun-154·4	JUNCTION	11.80	11.80	0	04:00	0.00
Jun-155·4	JUNCTION	0.00	11.37	0	04:04	0.00
Jun-156	JUNCTION	0.00	19.83	0	03:41	0.00
Jun-156·4	JUNCTION	0.00	24.20	0	03:13	0.00
Jun-157	JUNCTION	0.00	14.05	0	03:36	0.00
Jun-157·3	JUNCTION	0.00	10.62	0	03:30	0.00
Jun-158	JUNCTION	0.00	15.67	0	03:37	0.00
Jun-159	JUNCTION	0.00	7.63	0	04:06	0.00
Jun-159·2	JUNCTION	0.00	17.30	0	03:38	0.00
Jun-159·3	JUNCTION	0.00	12.21	0	03:33	0.00
Jun-160	JUNCTION	0.00	97.84	0	03:43	0.00
Jun-160·2	JUNCTION	0.00	31.65	0	11:40	0.00
Jun-160·3	JUNCTION	0.00	12.19	0	03:36	0.00
Jun-161	JUNCTION	0.00	122.13	0	03:50	0.00
Jun-161·2	JUNCTION	0.00	37.70	0	03:11	0.00
Jun-161·4	JUNCTION	0.00	7.39	0	02:34	0.00
Jun-162	JUNCTION	0.00	0.74	0	04:21	0.00
Jun-162·2	JUNCTION	0.00	43.34	0	11:40	0.00
Jun-162·4	JUNCTION	0.00	8.20	0	02:40	0.00
Jun-163	JUNCTION	0.00	28.24	0	02:13	0.00
Jun-163·2	JUNCTION	0.00	47.46	0	05:31	0.00
Jun-163·4	JUNCTION	0.00	13.48	0	02:41	0.00
Jun-164	JUNCTION	0.00	16.43	0	02:42	0.00
Jun-164·2	JUNCTION	0.00	32.30	0	03:41	0.00
Jun-165	JUNCTION	0.00	7.63	0	04:09	0.00
Jun-165·2	JUNCTION	0.00	39.18	0	04:31	0.00
Jun-165·4	JUNCTION	0.00	56.83	0	03:34	0.00
Jun-166	JUNCTION	0.00	46.70	0	04:32	0.00
Jun-166·3	JUNCTION	0.00	46.24	0	03:39	0.00
Jun-166·4	JUNCTION	0.00	19.37	0	02:44	0.00
Jun-167	JUNCTION	0.00	34.33	0	04:04	0.00
Jun-167·2	JUNCTION	0.92	25.68	0	03:31	0.00
Jun-167·4	JUNCTION	0.00	6.48	0	01:28	0.00
Jun-168	JUNCTION	0.00	3.11	0	13:47	0.00
Jun-168·2	JUNCTION	1.37	48.54	0	03:38	0.00
Jun-169·2	JUNCTION	2.92	8.89	0	03:26	0.00
Jun-169·4	JUNCTION	0.00	3.79	0	13:49	0.00
Jun-170·4	JUNCTION	0.00	4.23	0	01:19	0.00
Jun-171·4	JUNCTION	0.00	4.50	0	01:37	0.00

Jun-172	JUNCTION	0.00	20.82	0	03:35	0.00
Jun-173	JUNCTION	0.00	2.64	0	01:16	0.00
Jun-174	JUNCTION	0.00	2.40	0	05:30	0.00
Jun-174·4	JUNCTION	0.00	5.61	0	03:45	0.00
Jun-175	JUNCTION	0.00	98.70	0	03:43	0.00
Jun-175·4	JUNCTION	0.00	7.24	0	03:06	0.00
Jun-176	JUNCTION	0.00	21.93	0	03:07	0.00
Jun-177	JUNCTION	0.00	2.01	0	12:07	0.00
Jun-177·4	JUNCTION	0.00	13.68	0	03:06	0.00
Jun-178	JUNCTION	0.00	21.51	0	03:37	0.00
Jun-178·4	JUNCTION	0.00	25.96	0	03:45	0.00
Jun-179	JUNCTION	0.00	27.50	0	03:38	0.00
Jun-179·3	JUNCTION	1.75	1.75	0	03:30	0.00
Jun-179·4	JUNCTION	0.00	28.04	0	03:37	0.00
Jun-17-J	JUNCTION	0.00	4.99	0	01:22	0.00
Jun-180	JUNCTION	0.00	7.76	0	01:51	0.00
Jun-180·4	JUNCTION	0.00	14.61	0	11:37	0.00
Jun-181	JUNCTION	0.00	19.20	0	01:18	0.00
Jun-181·4	JUNCTION	0.00	3.53	0	01:19	0.00
Jun-182	JUNCTION	0.00	6.90	0	14:01	0.00
Jun-183	JUNCTION	0.00	18.92	0	04:06	0.00
Jun-183·4	JUNCTION	0.00	7.72	0	03:06	0.00
Jun-184	JUNCTION	0.00	49.37	0	03:39	0.00
Jun-184·4	JUNCTION	0.00	13.70	0	01:56	0.00
Jun-185	JUNCTION	0.00	4.17	0	03:34	0.00
Jun-185·4	JUNCTION	0.00	23.77	0	02:47	0.00
Jun-186	JUNCTION	0.00	22.62	0	03:33	0.00
Jun-187	JUNCTION	0.00	29.75	0	03:35	0.00
Jun-187·4	JUNCTION	0.00	5.43	0	03:34	0.00
Jun-188	JUNCTION	0.00	23.95	0	03:34	0.00
Jun-188·4	JUNCTION	0.00	32.30	0	03:38	0.00
Jun-189	JUNCTION	0.00	28.47	0	07:00	0.00
Jun-190	JUNCTION	0.00	38.82	0	07:00	0.00
Jun-192	JUNCTION	3.02	3.02	0	03:30	0.00
Jun-194	JUNCTION	0.00	18.35	0	03:07	0.00
Jun-195	JUNCTION	0.00	3.52	0	03:31	0.00
Jun-195·4	JUNCTION	0.00	13.08	0	12:14	0.00
Jun-196	JUNCTION	0.00	7.03	0	03:31	0.00
Jun-197	JUNCTION	0.00	7.76	0	03:33	0.00
Jun-197·3	JUNCTION	8.24	8.24	0	01:05	0.00
Jun-198	JUNCTION	0.00	110.96	0	03:47	0.00
Jun-19-J	JUNCTION	0.00	2.68	0	01:12	0.00
Jun-200	JUNCTION	0.00	28.26	0	02:11	0.00
Jun-200·3	JUNCTION	3.66	3.66	0	03:30	0.00
Jun-201	JUNCTION	0.00	9.41	0	02:19	0.00
Jun-203	JUNCTION	0.00	97.84	0	03:44	0.00
Jun-204	JUNCTION	0.00	7.11	0	02:34	0.00
Jun-205	JUNCTION	0.00	8.38	0	02:35	0.00
Jun-210	JUNCTION	0.00	2.26	0	03:30	0.00
Jun-212	JUNCTION	0.00	26.11	0	11:03	0.00

Jun-213	JUNCTION	0.00	4.01	0	03:31	0.00	
Jun-214	JUNCTION	0.00	31.14	0	07:04	0.00	
Jun-215	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-216	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-217	JUNCTION	0.00	36.31	0	07:04	0.25	0
07:04							
Jun-219	JUNCTION	0.00	10.94	0	02:36	0.00	
Jun-21-J	JUNCTION	3.39	3.40	0	01:15	0.00	
Jun-224	JUNCTION	0.00	2.24	0	03:32	0.00	
Jun-227	JUNCTION	0.00	2.24	0	03:32	0.00	
Jun-230	JUNCTION	0.00	2.24	0	03:31	0.00	
Jun-248	JUNCTION	0.00	0.00	0	00:00	0.00	
Jun-24-J	JUNCTION	0.00	1.86	0	13:47	0.00	
Jun-254	JUNCTION	0.00	2.26	0	03:31	0.00	
Jun-25-J	JUNCTION	0.00	3.92	0	13:48	0.00	
Jun-26-J	JUNCTION	0.00	49.30	0	03:33	0.00	
Jun-273	JUNCTION	0.00	3.82	0	03:33	0.00	
Jun-27-J	JUNCTION	0.00	0.76	0	12:37	0.00	
Jun-28·4	JUNCTION	0.00	29.77	0	03:32	0.00	
Jun-281	JUNCTION	0.00	13.04	0	03:37	0.00	
Jun-282	JUNCTION	0.00	17.08	0	03:36	0.00	
Jun-291	JUNCTION	0.00	21.07	0	03:41	0.00	
Jun-297	JUNCTION	0.00	18.17	0	01:09	0.00	
Jun-299	JUNCTION	0.00	54.57	0	03:35	0.00	
Jun-300	JUNCTION	0.00	59.55	0	03:36	0.00	
Jun-306	JUNCTION	1.14	4.18	0	03:31	0.00	
Jun-307	JUNCTION	0.00	7.29	0	03:31	0.00	
Jun-308	JUNCTION	0.00	17.46	0	03:31	0.00	
Jun-309	JUNCTION	0.00	17.46	0	03:32	0.00	
Jun-30-J	JUNCTION	0.00	10.58	0	01:17	0.00	
Jun-310	JUNCTION	0.00	21.28	0	03:33	0.00	
Jun-314	JUNCTION	0.00	4.78	0	03:31	0.00	
Jun-315	JUNCTION	0.00	6.57	0	04:01	0.00	
Jun-316	JUNCTION	0.00	6.61	0	03:31	0.00	
Jun-319	JUNCTION	0.00	10.52	0	03:35	0.00	
Jun-320	JUNCTION	0.00	10.52	0	03:35	0.00	
Jun-321	JUNCTION	0.00	46.24	0	03:39	0.00	
Jun-322	JUNCTION	0.00	49.54	0	03:40	0.00	
Jun-323	JUNCTION	0.00	4.10	0	03:30	0.00	
Jun-325	JUNCTION	0.00	3.25	0	03:33	0.00	
Jun-327	JUNCTION	0.00	17.68	0	01:08	0.00	
Jun-328	JUNCTION	0.00	18.17	0	01:09	0.00	
Jun-34-J	JUNCTION	0.00	82.93	0	04:08	0.00	
Jun-35-J	JUNCTION	0.00	102.29	0	04:07	0.00	
Jun-37-J	JUNCTION	0.00	15.02	0	03:33	0.00	
Jun-38-J	JUNCTION	0.00	1.07	0	03:32	0.00	
Jun-39-J	JUNCTION	0.00	1.07	0	03:32	0.00	
Jun-42-J	JUNCTION	0.00	34.27	0	04:08	0.00	
Jun-43-J	JUNCTION	0.00	2.13	0	03:31	0.00	
Jun-44-J	JUNCTION	0.00	7.86	0	02:28	0.00	

Jun-45-J	JUNCTION	0.00	10.14	0	02:08	0.00
Jun-51·2	JUNCTION	0.00	13.49	0	03:35	0.00
Jun-54-J	JUNCTION	0.00	49.36	0	03:40	0.00
Jun-75-J	JUNCTION	0.00	1.85	0	01:05	0.00
Jun-76-J	JUNCTION	0.00	1.86	0	01:26	0.00
Jun-81-J	JUNCTION	0.00	4.15	0	13:47	0.00
Jun-82-J	JUNCTION	0.00	91.08	0	03:41	0.00
Jun-83-J	JUNCTION	0.00	70.82	0	03:39	0.00
Jun-85-J	JUNCTION	0.00	13.58	0	03:08	0.00
Jun-86-J	JUNCTION	0.00	0.92	0	01:46	0.00
Jun-87-J	JUNCTION	0.00	3.81	0	13:49	0.00
Jun-92-J	JUNCTION	0.00	0.95	0	01:24	0.00
Jun-95-J	JUNCTION	0.00	15.24	0	03:32	0.00
Jun-96-J	JUNCTION	0.00	15.24	0	03:33	0.00
Jun-99-J	JUNCTION	0.00	5.78	0	03:32	0.00
4·2	OUTFALL	0.00	18.31	0	01:38	0.00
Jun-108	OUTFALL	0.00	62.76	0	03:43	0.00
Jun-139·2	OUTFALL	0.00	67.62	0	07:16	0.00
Jun-142·2	OUTFALL	0.00	47.46	0	05:31	0.00
Jun-202	OUTFALL	0.00	14.17	0	02:42	0.00
Out-01	OUTFALL	0.00	7.63	0	04:10	0.00
Out-01·2	OUTFALL	0.00	46.70	0	04:33	0.00
Out-01·3	OUTFALL	0.00	2.36	0	03:30	0.00
Out-01·4	OUTFALL	3.59	3.59	0	03:30	0.00
Out-02·2	OUTFALL	0.00	22.37	0	03:45	0.00
Out-02·4	OUTFALL	0.00	11.37	0	04:04	0.00
Out-03	OUTFALL	0.00	4.40	0	02:46	0.00
Out-03·2	OUTFALL	0.00	0.00	0	00:00	0.00
Out-04	OUTFALL	0.00	2.87	0	03:08	0.00
Out-04·2	OUTFALL	0.00	3.48	0	04:13	0.00
Out-04·4	OUTFALL	0.00	2.92	0	04:00	0.00
Out-05	OUTFALL	0.00	4.19	0	02:17	0.00
Out-05·2	OUTFALL	0.00	4.13	0	05:31	0.00
Out-05·4	OUTFALL	0.00	38.82	0	07:02	0.00
Out-06	OUTFALL	0.00	3.14	0	02:17	0.00
Out-07	OUTFALL	8.78	8.78	0	04:00	0.00
Out-09	OUTFALL	0.00	60.13	0	03:36	0.00
Out-10	OUTFALL	0.00	98.68	0	03:45	0.00
Out-11	OUTFALL	0.00	102.29	0	04:08	0.00
Out-12	OUTFALL	0.00	122.13	0	03:50	0.00
Out-13	OUTFALL	0.00	38.20	0	07:51	0.00
Diversion-10-298-1	DIVIDER	0.00	9.47	0	02:13	0.00
Diversion-10-303	DIVIDER	7.17	7.17	0	04:00	0.00
Diversion-10-305-1	DIVIDER	0.00	4.69	0	02:01	0.00
Diversion-10-312-1	DIVIDER	3.71	3.71	0	04:00	0.00
Diversion-10-318-1	DIVIDER	0.00	7.12	0	02:34	0.00
Diversion-10-318-2	DIVIDER	0.00	14.23	0	02:34	0.00
Diversion-10-318-3	DIVIDER	0.00	7.12	0	02:34	0.00
Diversion-10-326	DIVIDER	15.06	15.06	0	04:30	0.00
Diversion-10-327-1	DIVIDER	0.00	10.00	0	02:01	0.00

Diversion-10-328-1	DIVIDER	0.00	4.86	0	02:10	0.00	
Diversion-10-328-2	DIVIDER	0.00	3.28	0	02:24	0.00	
Diversion-10-329-1	DIVIDER	0.00	7.23	0	02:11	0.00	
Diversion-10-329-2	DIVIDER	0.00	10.79	0	02:11	0.00	
Diversion-10-330	DIVIDER	0.00	11.73	0	02:52	0.00	
Diversion-10-331	DIVIDER	8.26	8.26	0	05:30	0.00	
Diversion-10-332-1	DIVIDER	0.00	5.21	0	02:42	0.00	
Diversion-10-332-2	DIVIDER	0.00	10.24	0	02:32	0.27	0 02:39
Diversion-10-332-3	DIVIDER	0.00	5.26	0	02:36	0.00	
Diversion-10-333-1	DIVIDER	0.00	9.05	0	03:10	0.00	
Diversion-10-333-2	DIVIDER	0.00	18.10	0	03:10	0.00	
Diversion-10-334-1	DIVIDER	0.00	6.81	0	03:46	0.00	
Diversion-10-334-2	DIVIDER	0.00	13.62	0	03:46	0.00	
Diversion-10-334-3	DIVIDER	0.00	6.81	0	03:46	0.00	
Diversion-11-336-1	DIVIDER	7.04	7.04	0	03:30	0.00	
Diversion-11-337-1	DIVIDER	0.00	17.61	0	02:46	0.00	
Diversion-11-337-2	DIVIDER	0.00	13.21	0	02:46	0.00	
Diversion-11-337-3	DIVIDER	0.00	9.91	0	02:46	0.53	0 02:53
Diversion-11-337-4	DIVIDER	0.00	7.28	0	03:04	0.00	
Diversion-11-338-1	DIVIDER	0.00	1.47	0	01:56	0.00	
Diversion-11-339-1	DIVIDER	0.00	13.31	0	01:50	0.00	
Diversion-11-339-2	DIVIDER	0.00	9.98	0	02:19	0.00	
Diversion-11-339-3	DIVIDER	0.00	7.49	0	02:28	0.63	0 02:28
Diversion-11-339-4	DIVIDER	0.00	5.36	0	03:35	0.00	
Diversion-11-339-5	DIVIDER	0.00	4.02	0	03:33	0.00	
Diversion-11-340-1	DIVIDER	0.00	2.77	0	02:05	0.00	
Diversion-11-340-2	DIVIDER	0.00	2.08	0	02:25	0.00	
Diversion-11-341-1	DIVIDER	0.00	2.68	0	01:29	0.00	
Diversion-11-342-1	DIVIDER	0.00	16.76	0	02:17	0.00	
Diversion-11-342-2	DIVIDER	0.00	12.57	0	02:17	0.00	
Diversion-11-342-3	DIVIDER	0.00	9.43	0	02:17	0.00	
Diversion-11-343-2	DIVIDER	0.00	5.65	0	02:05	0.00	
Diversion-11-343-3	DIVIDER	0.00	5.83	0	02:23	0.00	
Diversion-11-344-1	DIVIDER	0.00	32.69	0	01:51	0.00	
Diversion-11-344-3	DIVIDER	0.00	31.06	0	01:51	0.00	
Diversion-11-344-4	DIVIDER	0.00	23.29	0	01:51	0.00	
Diversion-11-344-5	DIVIDER	0.00	17.47	0	01:51	0.00	
Diversion-11-344-6	DIVIDER	0.00	16.60	0	01:51	0.00	
Diversion-11-344-7	DIVIDER	0.00	15.77	0	01:51	0.00	
Diversion-11-345-1	DIVIDER	18.99	18.99	0	04:00	0.00	
Diversion-11-346-1	DIVIDER	96.88	96.88	0	04:00	0.00	
Diversion-11-346-2	DIVIDER	0.00	72.66	0	04:00	0.00	
Diversion-11-346-3	DIVIDER	0.00	54.50	0	04:00	0.00	
Diversion-11-346-5	DIVIDER	0.00	30.65	0	04:00	0.00	
Diversion-11-346-6	DIVIDER	0.00	22.99	0	04:00	0.00	
Diversion-11-348-1	DIVIDER	0.00	2.96	0	01:42	0.00	
Diversion-11-348-2	DIVIDER	0.00	2.75	0	01:46	0.00	

Diversion-11-349-1	DIVIDER	0.00	37.64	0	02:19	0.00	
Diversion-11-349-2	DIVIDER	0.00	28.23	0	02:19	0.00	
Diversion-11-349-3	DIVIDER	0.00	21.17	0	02:19	0.00	
Diversion-11-349-4	DIVIDER	0.00	15.88	0	02:19	7.94	0 02:30
Diversion-12-350	DIVIDER	0.00	1.33	0	00:57	0.00	
Diversion-12-351	DIVIDER	0.00	1.87	0	01:20	0.00	
Diversion-12-352	DIVIDER	4.52	4.52	0	03:30	0.00	
Diversion-12-353	DIVIDER	4.72	4.72	0	03:30	0.00	
Diversion-12-354	DIVIDER	6.46	6.46	0	03:30	0.00	
Diversion-12-355-1	DIVIDER	3.31	3.31	0	03:30	0.00	
Diversion-12-355-2	DIVIDER	0.00	5.66	0	03:32	0.00	
Diversion-12-357	DIVIDER	3.98	3.98	0	03:30	0.00	
Diversion-12-358	DIVIDER	6.24	6.24	0	03:30	0.00	
Diversion-12-359-1	DIVIDER	2.72	2.72	0	03:30	0.00	
Diversion-12-362	DIVIDER	2.07	2.07	0	03:30	0.00	
Diversion-12-363-1	DIVIDER	2.14	2.14	0	03:30	0.00	
Diversion-12-365	DIVIDER	4.49	4.49	0	03:30	0.00	
Diversion-12-366	DIVIDER	13.23	13.23	0	03:30	0.29	0 03:31
Diversion-12-367	DIVIDER	8.21	8.21	0	03:30	0.00	
Diversion-12-368	DIVIDER	11.80	11.80	0	03:30	0.00	
Diversion-12-369	DIVIDER	9.57	9.57	0	03:30	0.00	
Diversion-12-371-1	DIVIDER	17.85	17.85	0	03:30	0.00	
Diversion-12-371-2	DIVIDER	0.00	13.39	0	03:30	0.00	
Diversion-12-371-3	DIVIDER	0.00	10.02	0	03:31	0.03	0 03:32
Diversion-3282-2	DIVIDER	0.00	1.75	0	13:49	0.00	
Diversion-346-4	DIVIDER	0.00	40.87	0	04:00	0.00	
Diversion-46	DIVIDER	0.00	10.36	0	07:01	0.00	
Diversion-9-266	DIVIDER	5.84	5.84	0	04:00	0.00	
Diversion-9-270	DIVIDER	0.00	6.60	0	01:19	0.00	
Diversion-9-271	DIVIDER	0.00	6.00	0	01:14	0.00	
Diversion-9-272	DIVIDER	0.00	5.34	0	01:08	0.00	
Diversion-9-273	DIVIDER	0.00	1.77	0	01:01	0.00	
Diversion-9-274	DIVIDER	0.00	3.53	0	01:42	0.00	
Diversion-9-274-2	DIVIDER	0.00	11.12	0	02:36	0.00	
Diversion-9-275-1	DIVIDER	0.00	10.56	0	01:16	0.00	
Diversion-9-275-2	DIVIDER	0.00	7.92	0	01:16	0.00	
Diversion-9-275-3	DIVIDER	0.00	5.94	0	01:16	0.00	
Diversion-9-276-1	DIVIDER	0.00	9.48	0	00:31	0.00	
Diversion-9-276-2	DIVIDER	0.00	9.01	0	00:31	4.50	0 00:32
Diversion-9-276-3	DIVIDER	0.00	2.25	0	00:31	0.00	
Diversion-9-277-1	DIVIDER	0.00	6.00	0	01:37	0.00	
Diversion-9-278-3	DIVIDER	0.00	9.72	0	01:44	0.00	
Diversion-9-281-1	DIVIDER	3.11	3.11	0	03:30	0.00	
Diversion-9-282-1	DIVIDER	0.00	2.33	0	01:06	0.00	
Diversion-9-283	DIVIDER	0.00	3.71	0	01:05	0.00	
Diversion-9-284-1	DIVIDER	0.00	4.28	0	01:03	0.00	

Diversion-9-284-2	DIVIDER	0.00	3.58	0	01:09	0.00	
Diversion-9-285-1	DIVIDER	0.00	4.15	0	01:03	0.00	
Diversion-9-285-2	DIVIDER	0.00	3.11	0	01:24	0.00	
Diversion-9-286-1	DIVIDER	0.00	3.80	0	01:07	0.00	
Diversion-9-286-2	DIVIDER	0.00	2.85	0	01:07	0.00	
Diversion-9-286-3	DIVIDER	0.00	2.14	0	01:07	0.00	
Diversion-9-286-4	DIVIDER	0.00	1.60	0	01:07	0.00	
Diversion-9-287-1	DIVIDER	0.00	2.92	0	01:24	0.00	
Diversion-9-288-1	DIVIDER	0.00	2.59	0	02:46	0.00	
Diversion-9-289-1	DIVIDER	0.00	2.53	0	02:09	0.49	0 12:44
Diversion-9-289-2	DIVIDER	0.00	8.14	0	01:58	0.00	
Diversion-9-290-1	DIVIDER	0.00	5.78	0	02:29	0.00	
Diversion-9-291-1	DIVIDER	0.00	4.21	0	02:11	0.00	
Diversion-9-292	DIVIDER	0.00	4.32	0	01:54	0.00	
Diversion-9-293-2	DIVIDER	0.00	8.33	0	01:57	0.00	
Diversion-9-293-3	DIVIDER	0.00	6.25	0	02:23	0.00	
Diversion-9-294-1	DIVIDER	0.00	3.22	0	01:51	0.00	
Diversion-9-295	DIVIDER	0.00	10.56	0	02:18	0.00	
Diversion-9-296-1	DIVIDER	27.62	27.62	0	07:00	0.00	
Diversion-9-296-3	DIVIDER	0.00	20.71	0	07:00	0.00	
Diversion-North Area	DIVIDER	0.84	0.84	0	04:00	0.00	
Jun-206	STORAGE	8.49	8.49	0	03:30	4.68	0 03:30
Stor-11-339	STORAGE	0.00	2.01	0	12:07	0.00	
Stor-11-345	STORAGE	0.00	18.99	0	04:00	0.00	
Stor-11-346	STORAGE	0.00	34.35	0	04:05	0.00	
Stor-11-471	STORAGE	53.82	53.82	0	01:10	0.00	
Stor-12-353	STORAGE	0.00	2.26	0	03:31	0.00	
Stor-12-358	STORAGE	0.00	18.20	0	01:00	0.00	
Stor-12-360	STORAGE	3.28	3.28	0	03:30	0.00	
Stor-12-361	STORAGE	0.00	3.66	0	03:31	0.00	
Stor-12-364	STORAGE	3.25	5.48	0	03:30	0.00	
Stor-12-365	STORAGE	0.00	2.24	0	03:31	0.00	
Stor-12-366	STORAGE	0.00	13.09	0	03:31	0.00	
Stor-12-367	STORAGE	0.00	21.14	0	03:35	0.00	
Stor-12-368	STORAGE	0.00	10.61	0	03:31	0.00	
Stor-12-369	STORAGE	0.00	20.00	0	03:33	0.00	
Stor-13	STORAGE	14.86	14.86	0	03:30	8.25	0 03:30
Stor-14	STORAGE	13.34	13.34	0	03:30	7.33	0 03:30
Stor-15	STORAGE	11.98	11.98	0	03:30	6.62	0 03:30
Stor-16	STORAGE	4.02	4.02	0	03:30	2.24	0 03:30
Stor-17	STORAGE	6.27	6.27	0	03:30	2.74	0 03:31
Stor-18	STORAGE	23.25	23.25	0	03:30	12.67	0 03:30

Stor-19	STORAGE	18.23	18.23	0	04:00	8.75	0	04:00
Stor-20	STORAGE	16.52	16.52	0	04:00	10.52	0	04:00
Stor-21	STORAGE	19.48	19.48	0	04:00	9.75	0	04:00
Stor-22	STORAGE	3.39	3.39	0	03:30	1.88	0	03:30
Stor-23	STORAGE	0.00	0.00	0	00:00	0.00		
Stor-24	STORAGE	5.24	5.24	0	03:30	2.90	0	03:30
Stor-25	STORAGE	8.41	8.41	0	03:30	4.69	0	03:30
Stor-26	STORAGE	9.68	9.68	0	03:30	5.38	0	03:30
Stor-27	STORAGE	6.02	6.02	0	03:30	3.10	0	03:30
Stor-28	STORAGE	9.40	9.40	0	03:30	5.24	0	03:30
Stor-29	STORAGE	15.39	15.39	0	04:00	7.05	0	04:00
Stor-30	STORAGE	6.22	6.22	0	03:30	3.25	0	03:31
Stor-31	STORAGE	4.12	4.12	0	04:30	1.53	0	04:31
Stor-32	STORAGE	14.51	14.51	0	04:00	6.36	0	04:00
Stor-33	STORAGE	8.92	8.92	0	04:30	3.14	0	04:30
Stor-34	STORAGE	7.10	7.10	0	04:00	2.88	0	04:01
Stor-35	STORAGE	7.69	7.69	0	04:00	3.37	0	04:00
Stor-36	STORAGE	17.80	17.80	0	04:00	7.24	0	04:01
Stor-37	STORAGE	5.72	5.72	0	04:00	2.50	0	04:00
Stor-38	STORAGE	3.37	3.37	0	04:00	1.47	0	04:00
Stor-39	STORAGE	17.76	17.76	0	04:00	7.74	0	04:00
Stor-40	STORAGE	18.33	18.33	0	05:00	6.60	0	05:00
Stor-41	STORAGE	14.82	14.82	0	04:00	5.34	0	04:00
Stor-42	STORAGE	9.70	9.70	0	03:30	5.36	0	03:30
Stor-43	STORAGE	4.67	4.67	0	04:00	2.01	0	04:01
Stor-44	STORAGE	1.73	1.73	0	03:30	0.76	0	

03:31								
	Stor-45	STORAGE	2.40	2.40	0	04:30	0.89	0
03:35								
	Stor-46	STORAGE	8.00	8.00	0	04:00	3.31	0
04:00								
	Stor-47	STORAGE	5.23	5.23	0	04:00	2.29	0
04:00								
	Stor-48	STORAGE	5.18	5.18	0	04:00	2.21	0
04:01								
	Stor-49	STORAGE	7.44	7.44	0	04:00	3.12	0
04:01								
	Stor-50	STORAGE	5.60	5.60	0	04:00	2.44	0
04:00								
	Stor-51	STORAGE	8.53	8.53	0	04:00	3.66	0
04:01								
	Stor-52	STORAGE	16.86	16.86	0	04:30	6.61	0
04:31								
	Stor-53	STORAGE	25.55	25.55	0	05:00	8.06	0
03:30								
	Stor-54	STORAGE	17.12	17.12	0	06:00	6.06	0
04:12								
	Stor-55	STORAGE	24.24	24.24	0	04:30	9.99	0
04:31								
	Stor-56	STORAGE	29.36	29.36	0	04:00	12.60	0
04:01								
	Stor-57	STORAGE	9.64	9.64	0	04:00	3.98	0
04:00								
	Stor-58	STORAGE	24.57	24.57	0	04:00	21.60	0
04:01								
	Stor-59	STORAGE	56.09	56.09	0	04:00	18.38	0
04:00								
	Stor-60	STORAGE	65.12	65.12	0	04:00	32.38	0
04:00								
	Stor-61	STORAGE	5.48	5.48	0	03:30	2.79	0
03:31								
	Stor-62	STORAGE	24.66	24.66	0	04:00	11.34	0
04:00								
	Stor-63	STORAGE	4.91	4.91	0	04:00	2.14	0
04:00								
	Stor-64	STORAGE	27.95	27.95	0	04:30	10.34	0
04:31								
	Stor-65	STORAGE	2.61	2.61	0	04:00	1.14	0
04:00								
	Stor-66	STORAGE	3.02	3.02	0	03:30	1.68	0
03:30								
	Stor-67	STORAGE	3.92	3.92	0	03:30	2.05	0
03:30								
	Stor-68	STORAGE	18.67	18.67	0	04:00	7.87	0
04:01								

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Storage Node Summary
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Storage Node ID	Maximum Ponded Volume 1000 ft³	Maximum Ponded Volume (%)	Time of Max Ponded Volume days hh:mm	Average Ponded Volume 1000 ft³	Average Ponded Volume (%)	Maximum Exfiltration Rate cfs	Maximum Exfiltrated Volume cfm	Total Exfiltrated Volume 1000 ft³	Maximum Outflow cfs
Jun-206	0.007	100	0 00:39	12.828	183259	3.80	0.00	0.000	
Stor-11-339	0.603	1	0 12:07	0.245	0	2.01	0.00	0.000	
Stor-11-345	1.533	5	0 04:02	0.295	1	18.94	0.00	0.000	
Stor-11-346	5.750	5	0 04:07	1.346	1	34.27	0.00	0.000	
Stor-11-471	173.807	1	0 03:13	22.355	0	24.20	0.00	0.000	
Stor-12-353	0.280	1	0 03:32	0.071	0	2.25	0.00	0.000	
Stor-12-358	5.429	4	0 01:06	0.227	0	17.69	0.00	0.000	
Stor-12-360	0.469	2	0 03:31	0.094	0	3.26	0.00	0.000	
Stor-12-361	0.716	1	0 03:32	0.151	0	3.64	0.00	0.000	
Stor-12-364	0.000	0	0 00:00	0.000	0	0.00	0.00	0.000	
Stor-12-365	0.000	0	0 00:00	0.000	0	0.00	0.00	0.000	
Stor-12-366	3.687	2	0 03:35	0.800	0	13.04	0.00	0.000	
Stor-12-367	5.464	3	0 03:40	1.104	1	21.07	0.00	0.000	
Stor-12-368	2.716	4	0 03:34	0.566	1	10.52	0.00	0.000	
Stor-12-369	3.765	9	0 03:40	0.644	2	19.47	0.00	0.000	
Stor-13	0.007	100	0 00:40	24.936	356225				

6.60	0.00	0.000					
Stor-14		0.007	100	0	00:35	20.854	297921
6.00	0.00	0.000					
Stor-15		0.007	100	0	00:34	18.571	265303
5.34	0.00	0.000					
Stor-16		0.007	100	0	00:40	6.218	88823
1.77	0.00	0.000					
Stor-17		0.007	100	0	01:09	4.068	58120
3.53	0.00	0.000					
Stor-18		0.007	100	0	00:34	36.442	520595
10.56	0.00	0.000					
Stor-19		0.000	0	0	00:00	19.406	0
9.48	0.00	0.000					
Stor-20		0.007	100	0	01:02	45.501	650011
6.00	0.00	0.000					
Stor-21		0.007	100	0	01:03	23.347	333528
9.72	0.00	0.000					
Stor-22		0.007	100	0	00:40	5.175	73929
1.50	0.00	0.000					
Stor-23		0.000	0	0	00:00	0.000	0
0.00	0.00	0.000					
Stor-24		0.007	100	0	00:40	8.098	115686
2.33	0.00	0.000					
Stor-25		0.008	100	0	00:40	13.016	162695
3.71	0.00	0.000					
Stor-26		0.007	100	0	00:35	14.930	213287
4.28	0.00	0.000					
Stor-27		0.007	100	0	01:01	7.234	103345
2.92	0.00	0.000					
Stor-28		0.007	100	0	00:35	14.554	207915
4.15	0.00	0.000					
Stor-29		0.008	100	0	01:08	13.729	171610
8.33	0.00	0.000					
Stor-30		0.007	100	0	01:02	8.525	121782
2.96	0.00	0.000					
Stor-31		0.008	100	0	01:46	2.909	36361
2.59	0.00	0.000					
Stor-32		0.007	100	0	01:07	11.208	160108
8.14	0.00	0.000					
Stor-33		0.007	100	0	01:32	4.672	66749
5.78	0.00	0.000					
Stor-34		0.007	100	0	01:16	4.544	64917
4.21	0.00	0.000					
Stor-35		0.007	100	0	01:10	5.996	85664
4.32	0.00	0.000					
Stor-36		0.007	100	0	01:10	13.471	192439
10.56	0.00	0.000					
Stor-37		0.007	100	0	01:08	4.474	63919
3.22	0.00	0.000					
Stor-38		0.007	100	0	01:16	2.602	37177

1.89	0.00	0.000					
Stor-39		0.008	100	0	01:07	13.544	169294
10.00	0.00	0.000					
Stor-40		0.007	100	0	01:26	12.578	179690
11.73	0.00	0.000					
Stor-41		0.007	100	0	01:10	6.573	93903
9.47	0.00	0.000					
Stor-42		0.007	100	0	00:35	15.016	214520
4.33	0.00	0.000					
Stor-43		0.007	100	0	01:24	3.583	51181
2.65	0.00	0.000					
Stor-44		0.007	100	0	01:24	1.362	19462
0.97	0.00	0.000					
Stor-45		0.007	100	0	02:05	0.060	854
2.17	0.00	0.000					
Stor-46		0.007	100	0	01:10	5.322	76027
4.69	0.00	0.000					
Stor-47		0.007	100	0	01:12	4.037	57678
2.94	0.00	0.000					
Stor-48		0.007	100	0	01:24	3.944	56346
2.97	0.00	0.000					
Stor-49		0.007	100	0	01:16	5.627	80389
4.32	0.00	0.000					
Stor-50		0.007	100	0	01:14	4.299	61415
3.15	0.00	0.000					
Stor-51		0.007	100	0	01:14	6.473	92472
4.86	0.00	0.000					
Stor-52		0.007	100	0	01:18	12.224	174627
10.24	0.00	0.000					
Stor-53		0.007	100	0	01:31	11.098	158539
18.10	0.00	0.000					
Stor-54		0.007	100	0	01:46	4.429	63275
13.62	0.00	0.000					
Stor-55		0.007	100	0	01:14	20.443	292040
14.23	0.00	0.000					
Stor-56		0.006	100	0	01:09	25.921	432021
16.76	0.00	0.000					
Stor-57		0.007	100	0	01:09	6.277	89677
5.65	0.00	0.000					
Stor-58		0.007	100	0	01:15	318.041	4543448
2.96	0.00	0.000					
Stor-59		0.010	100	0	01:10	19.406	194057
37.64	0.00	0.000					
Stor-60		0.009	100	0	00:52	77.012	855684
32.69	0.00	0.000					
Stor-61		0.009	100	0	01:04	6.677	74192
2.68	0.00	0.000					
Stor-62		0.007	100	0	01:02	22.619	323128
13.31	0.00	0.000					
Stor-63		0.007	100	0	01:16	3.762	53745

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    2.77          0.00        0.000
Stor-64                   0.007         100       0  01:14     19.776    282519
   17.61          0.00        0.000
Stor-65                   0.007         100       0  01:18      2.009     28693
    1.47          0.00        0.000
Stor-66                   0.007         100       0  00:40      4.644     66346
    1.33          0.00        0.000
Stor-67                   0.007         100       0  00:52      4.659     66564
    1.87          0.00        0.000
Stor-68                   0.007         100       0  01:08     14.178    202546
   10.79          0.00        0.000


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Outfall Loading Summary
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Outfall Node ID        Flow   Average      Peak
                  Frequency      Flow    Inflow
                        (%)       cfs       cfs
-----------------------------------------------
4·2                    96.89      5.96     18.31
Jun-108                96.72     18.43     62.76
Jun-139·2              96.28     27.02     67.62
Jun-142·2              96.72     19.97     47.46
Jun-202                88.84      3.64     14.17
Out-01                 86.79      2.06      7.63
Out-01·2               96.39     17.96     46.70
Out-01·3               40.09      1.07      2.36
Out-01·4               83.12      0.94      3.59
Out-02·2               95.89      9.05     22.37
Out-02·4               96.72      2.91     11.37
Out-03                 74.96      2.36      4.40
Out-03·2                0.00      0.00      0.00
Out-04                 82.51      1.20      2.87
Out-04·2               83.29      1.44      3.48
Out-04·4               54.30      1.05      2.92
Out-05                 73.07      2.40      4.19
Out-05·2               80.34      1.46      4.13
Out-05·4               97.45     15.52     38.82
Out-06                 72.40      1.81      3.14
Out-07                 83.18      2.53      8.78
Out-09                 98.22     20.49     60.13
Out-10                 96.17     37.14     98.68
Out-11                 97.22     31.46    102.29
Out-12                 91.95     29.99    122.13
Out-13                 96.56     16.12     38.20
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System                 82.93    273.99    755.82
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Link Flow Summary
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Link ID	Element Type	Time of Peak Flow	Maximum Velocity	Length Factor	Peak Flow during Analysis	Design Flow	Ratio of Maximum Flow / Design Flow	Ratio of Maximum Capacity	Total Reported Time Surcharged	Condition
		days hh:mm	ft/sec		cfs	cfs			minutes	
Link-01	CONDUIT	0 00:00	0.00	1.00	0.00	10.19	0.00	0.00	0	Calculated
Link-05	CONDUIT	0 03:14	14.41	1.00	24.20	134.81	0.18	0.29	0	Calculated
Link-06	CONDUIT	0 03:35	4.64	1.00	5.77	7.41	0.78	0.66	0	Calculated
Link-10	CONDUIT	0 01:22	5.49	1.00	4.28	10.12	0.42	0.45	0	Calculated
Link-102	CONDUIT	0 03:32	4.97	1.00	5.43	8.21	0.66	0.59	0	Calculated
Link-103	CONDUIT	0 13:45	4.88	1.00	0.80	10.68	0.08	0.18	0	Calculated
Link-106	DIRECT	0 04:00			9.50					
Link-110	CONDUIT	0 04:02	5.54	1.00	24.19	55.11	0.44	0.46	0	Calculated
Link-111	CONDUIT	0 04:00	6.66	1.00	16.88	18.42	0.92	0.75	0	Calculated
Link-111·4	CONDUIT	0 13:47	3.88	1.00	1.86	8.59	0.22	0.32	0	Calculated
Link-112	CONDUIT	0 03:32	7.69	1.00	10.57	12.04	0.88	0.73	0	Calculated
Link-116	CONDUIT	0 03:32	8.31	1.00	27.35	184.30	0.15	0.26	0	Calculated
Link-117·2	CONDUIT	0 03:38	7.56	1.00	40.60	47.56	0.85	0.71	0	Calculated
Link-119	CONDUIT	0 04:03	7.76	1.00	24.19	87.34	0.28	0.36	0	Calculated
Link-119·2	CONDUIT	0 03:31	16.67	1.00	25.68	96.83	0.27	0.35	0	Calculated
Link-120	CONDUIT	0 03:34	4.64	1.00	11.03					

37.84	0.29	0.37	0	Calculated					
Link-122		CONDUIT	0	03:36	5.13	1.00	12.19		
41.69	0.29	0.37	0	Calculated					
Link-123		CONDUIT	0	04:01	4.30	1.00	1.19		
26.66	0.04	0.14	0	Calculated					
Link-124		CONDUIT	0	03:12	2.96	1.00	0.74		
8.68	0.09	0.20	0	Calculated					
Link-125		CONDUIT	0	03:40	6.54	1.00	31.91		
41.68	0.77	0.66	0	Calculated					
Link-127		CONDUIT	0	01:17	3.40	1.00	3.37		
5.75	0.59	0.55	0	Calculated					
Link-128		CONDUIT	0	03:39	11.15	1.00	41.82		
77.30	0.54	0.52	0	Calculated					
Link-129		CONDUIT	0	07:11	3.44	1.00	0.50		
12.32	0.04	0.14	0	Calculated					
Link-130		CONDUIT	0	04:02	3.72	1.00	0.34		
14.90	0.02	0.11	0	Calculated					
Link-131		CONDUIT	0	01:21	6.48	1.00	18.91		
340.30	0.06	0.16	0	Calculated					
Link-133		CONDUIT	0	03:40	9.81	1.00	80.56		
113.64	0.71	0.62	0	Calculated					
Link-133·2		DIRECT	0	02:13			4.74		
Link-134		CONDUIT	0	04:21	2.16	1.00	0.74		
12.39	0.06	0.17	0	Calculated					
Link-134·2		DIRECT	0	02:13			4.74		
Link-135		CONDUIT	0	02:13	7.69	1.00	28.24		
219.12	0.13	0.24	0	Calculated					
Link-135·2		DIRECT	0	02:01			2.35		
Link-136·2		CONDUIT	0	02:32	20.92	1.00	2.35		
21.74	0.11	0.22	0	Calculated					
Link-137		CONDUIT	0	04:09	3.49	1.00	7.63		
123.63	0.06	0.17	0	Calculated					
Link-137·2		CONDUIT	0	03:34	10.96	1.00	13.88		
17.33	0.80	0.67	0	Calculated					
Link-14		CONDUIT	0	01:21	4.04	1.00	1.86		
3.02	0.61	0.57	0	Calculated					
Link-140		CONDUIT	0	04:05	5.54	1.00	24.17		
55.11	0.44	0.46	0	Calculated					
Link-141		CONDUIT	0	02:02	7.84	1.00	20.81		
219.43	0.09	0.21	0	Calculated					
Link-145		CONDUIT	0	03:35	7.05	1.00	15.02		
19.50	0.77	0.66	0	Calculated					
Link-146		CONDUIT	0	03:37	7.02	1.00	20.81		
30.29	0.69	0.61	0	Calculated					
Link-150		CONDUIT	0	01:17	7.34	1.00	10.58		
23.65	0.45	0.47	0	Calculated					
Link-150·4		CONDUIT	0	01:30	5.13	1.00	1.86		
8.59	0.22	0.32	0	Calculated					
Link-151·2		CONDUIT	0	01:18	4.39	1.00	5.05		
7.05	0.72	0.63	0	Calculated					

Link-152	CONDUIT	0	05:29	2.27	1.00	0.74	4.99	0.15	0.26	0	Calculated
Link-152·2	CONDUIT	0	04:00	10.26	1.00	3.59	25.75	0.14	0.25	0	Calculated
Link-153	CONDUIT	0	03:43	7.02	1.00	91.08	97.82	0.93	0.76	0	Calculated
Link-153·2	CONDUIT	0	04:00	8.86	1.00	3.59	20.95	0.17	0.28	0	Calculated
Link-154	CONDUIT	0	01:21	7.99	1.00	5.43	9.48	0.57	0.54	0	Calculated
Link-155	CONDUIT	0	12:07	3.31	1.00	2.01	6.66	0.30	0.38	0	Calculated
Link-155·2	CONDUIT	0	01:19	6.35	1.00	10.56	19.51	0.54	0.52	0	Calculated
Link-156	CONDUIT	0	12:08	2.67	1.00	2.01	4.99	0.40	0.44	0	Calculated
Link-156·2	CONDUIT	0	01:31	6.56	1.00	18.41	334.37	0.06	0.16	0	Calculated
Link-157	CONDUIT	0	01:38	6.62	1.00	18.31	348.80	0.05	0.16	0	Calculated
Link-157·3	CONDUIT	0	01:06	10.56	1.00	8.37	242.13	0.03	0.13	0	Calculated
Link-157·4	CONDUIT	0	02:40	4.59	1.00	7.31	6.82	1.07	1.00	122	SURCHARGED
Link-158	CONDUIT	0	03:38	7.06	1.00	21.50	31.42	0.68	0.61	0	Calculated
Link-158·2	CONDUIT	0	03:35	6.20	1.00	10.55	18.91	0.56	0.53	0	Calculated
Link-159	CONDUIT	0	03:39	7.39	1.00	27.50	30.99	0.89	0.73	0	Calculated
Link-159·2	CONDUIT	0	01:19	8.33	1.00	10.57	28.20	0.37	0.42	0	Calculated
Link-160	CONDUIT	0	03:38	8.85	1.00	66.43	75.52	0.88	0.73	0	Calculated
Link-160·2	CONDUIT	0	04:01	9.48	1.00	1.86	30.29	0.06	0.17	0	Calculated
Link-160·3	CONDUIT	0	06:44	5.95	1.00	5.91	6.40	0.92	0.76	0	Calculated
Link-161	CONDUIT	0	03:39	9.08	1.00	66.42	76.00	0.87	0.72	0	Calculated
Link-161·2	CONDUIT	0	04:01	9.72	1.00	1.86	31.35	0.06	0.17	0	Calculated
Link-162	CONDUIT	0	02:24	9.81	1.00	7.76	49.26	0.16	0.27	0	Calculated
Link-162·2	CONDUIT	0	04:01	3.89	1.00	3.22	7.01	0.46	0.48	0	Calculated
Link-164	CONDUIT	0	02:08	6.25	1.00	7.77	87.77	0.09	0.20	0	Calculated
Link-164·2	CONDUIT	0	04:02	3.62	1.00	3.22	6.37	0.51	0.50	0	Calculated

Link-165·2		CONDUIT	0	04:01	4.69	1.00	4.22	8.25	0.51	0.51	0 Calculated
Link-165·4		CONDUIT	0	13:47	3.55	1.00	4.15	12.39	0.33	0.40	0 Calculated
Link-167		CONDUIT	0	03:41	7.78	1.00	55.65	66.95	0.83	0.70	0 Calculated
Link-168		CONDUIT	0	04:00	10.75	1.00	18.99	32.55	0.58	0.55	0 Calculated
Link-168·2		CONDUIT	0	03:42	7.86	1.00	59.20	66.95	0.88	0.73	0 Calculated
Link-169		CONDUIT	0	04:03	7.36	1.00	18.94	20.35	0.93	0.76	0 Calculated
Link-169·2		CONDUIT	0	03:43	9.92	1.00	62.76	87.90	0.71	0.62	0 Calculated
Link-17		CONDUIT	0	01:19	5.23	1.00	2.68	10.14	0.26	0.35	0 Calculated
Link-170		CONDUIT	0	04:05	5.22	1.00	18.93	36.53	0.52	0.51	0 Calculated
Link-170·2		DIRECT	0	02:34			7.12				
Link-171		DIRECT	0	04:00			9.50				
Link-171·2		DIRECT	0	02:34			7.12				
Link-172		CONDUIT	0	04:05	6.29	1.00	34.35	58.12	0.59	0.55	0 Calculated
Link-172·2		DIRECT	0	02:34			3.56				
Link-173		CONDUIT	0	04:08	6.17	1.00	34.27	149.29	0.23	0.33	0 Calculated
Link-173·2		DIRECT	0	02:34			3.56				
Link-174		CONDUIT	0	02:15	7.92	1.00	28.09	219.43	0.13	0.24	0 Calculated
Link-174·2		DIRECT	0	02:34			3.56				
Link-174·3		CONDUIT	0	00:00	0.00	1.00	0.00	2.82	0.00	0.00	0 Calculated
Link-175		CONDUIT	0	04:08	4.68	1.00	18.92	31.66	0.60	0.56	0 Calculated
Link-175·2		DIRECT	0	02:34			3.56				
Link-176		CONDUIT	0	03:40	9.02	1.00	49.36	219.57	0.22	0.32	0 Calculated
Link-177		CONDUIT	0	04:10	>50.00	1.00	7.63	6447.71	0.00	0.03	0 Calculated
Link-178·2		CONDUIT	0	07:10	5.96	1.00	17.57	26.75	0.66	0.59	0 Calculated
Link-179·4		CONDUIT	0	04:02	4.49	1.00	11.80	12.39	0.95	0.78	0 Calculated
Link-180		CONDUIT	0	03:34	4.57	1.00	2.83	8.23	0.34	0.40	0 Calculated
Link-180·2		CONDUIT	0	02:34	7.82	1.00	5.65	8.04	0.70	0.59	0 Calculated
Link-181		DIRECT	0	03:33			21.28				
Link-181·2		CONDUIT	0	11:40	6.98	1.00	26.65	29.20	0.91	0.75	0 Calculated

Link-181·3		CONDUIT	0	03:32	4.43	1.00	2.24	3.22	0.70	0.61	0 Calculated
Link-181·4		CONDUIT	0	03:14	5.52	1.00	24.20	36.53	0.66	0.59	0 Calculated
Link-182		CONDUIT	0	03:35	4.36	1.00	4.17	7.51	0.56	0.53	0 Calculated
Link-182·4		CONDUIT	0	13:47	3.56	1.00	4.15	12.42	0.33	0.40	0 Calculated
Link-183		CONDUIT	0	03:34	4.87	1.00	22.61	31.66	0.71	0.62	0 Calculated
Link-183·2		CONDUIT	0	07:10	6.39	1.00	21.87	27.96	0.78	0.67	0 Calculated
Link-184		CONDUIT	0	03:35	4.93	1.00	23.95	31.66	0.76	0.65	0 Calculated
Link-184·2		CONDUIT	0	07:11	6.75	1.00	25.48	27.98	0.91	0.75	0 Calculated
Link-185		CONDUIT	0	03:36	7.11	1.00	29.75	47.64	0.62	0.57	0 Calculated
Link-185·2		CONDUIT	0	07:12	7.09	1.00	30.69	45.51	0.67	0.60	0 Calculated
Link-186		CONDUIT	0	03:32	4.80	1.00	3.52	9.03	0.39	0.43	0 Calculated
Link-186·2		CONDUIT	0	07:13	7.18	1.00	36.78	45.49	0.81	0.68	0 Calculated
Link-186·4		CONDUIT	0	02:34	4.26	1.00	5.62	5.75	0.98	0.76	0 Calculated
Link-187		CONDUIT	0	03:33	5.67	1.00	7.03	9.06	0.78	0.66	0 Calculated
Link-187·2		DIRECT	0	02:11			3.61				
Link-188		CONDUIT	0	03:33	5.76	1.00	7.76	9.06	0.86	0.71	0 Calculated
Link-188·2		DIRECT	0	02:11			3.61				
Link-190		DIRECT	0	02:11			3.56				
Link-190·4		CONDUIT	0	03:34	4.63	1.00	5.77	7.39	0.78	0.66	0 Calculated
Link-191		CONDUIT	0	07:14	7.60	1.00	41.31	45.50	0.91	0.75	0 Calculated
Link-191·4		CONDUIT	0	04:04	>50.00	1.00	11.37	431.63	0.03	0.11	0 Calculated
Link-192		CONDUIT	0	07:15	7.80	1.00	48.36	68.69	0.70	0.62	0 Calculated
Link-193		CONDUIT	0	07:16	8.24	1.00	64.22	68.69	0.93	0.77	0 Calculated
Link-193·4		CONDUIT	0	02:41	4.49	1.00	10.81	12.39	0.87	0.72	0 Calculated
Link-194		CONDUIT	0	02:12	8.06	1.00	28.25	219.60	0.13	0.24	0 Calculated
Link-194·2		DIRECT	0	03:10			4.53				
Link-194·4		CONDUIT	0	03:34	7.56	1.00	49.30	66.42	0.74	0.64	0 Calculated

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  Link-195·2           DIRECT       0  03:10                          4.53
  Link-195·4           CONDUIT      0  02:35      8.18    1.00        7.21
13.91      0.52      0.51           0  Calculated
  Link-196             CONDUIT      0  04:03      7.62    1.00       24.19
85.18      0.28      0.36           0  Calculated
  Link-196·4           CONDUIT      0  02:40      9.80    1.00        8.19
17.50      0.47      0.48           0  Calculated
  Link-198             CONDUIT      0  03:31      5.84    1.00        3.52
11.83      0.30      0.37           0  Calculated
  Link-198·3           CONDUIT      0  03:32      3.99    1.00        2.24
2.82      0.80      0.67           0  Calculated
  Link-199             CONDUIT      0  02:27      5.21    1.00        0.73
4.99      0.15      0.26           0  Calculated
  Link-199·2           DIRECT       0  03:10                          9.05
  Link-20              CONDUIT      0  01:11      3.88    1.00        1.07
10.13      0.11      0.22           0  Calculated
  Link-200             CONDUIT      0  02:23      8.92    1.00        0.74
10.89      0.07      0.18           0  Calculated
  Link-200·2           DIRECT       0  03:10                          9.05
  Link-200·4           CONDUIT      0  02:44      5.25    1.00       19.36
36.53      0.53      0.52           0  Calculated
  Link-201             DIRECT       0  02:46                          4.40
  Link-201·2           CONDUIT      0  07:15      8.40    1.00       60.82
68.66      0.89      0.73           0  Calculated
  Link-201·4           CONDUIT      0  01:53     14.17    1.00        2.19
12.33      0.18      0.26           0  Calculated
  Link-202             DIRECT       0  02:46                         13.21
  Link-202·2           CONDUIT      0  07:16     10.28    1.00       67.62
89.14      0.76      0.65           0  Calculated
  Link-202·4           CONDUIT      0  01:55     18.68    1.00        1.95
28.34      0.07      0.17           0  Calculated
  Link-203             DIRECT       0  02:46                          9.91
  Link-203·2           DIRECT       0  03:46                          3.40
  Link-203·4           CONDUIT      0  01:17      9.22    1.00        0.89
10.83      0.08      0.19           0  Calculated
  Link-204             DIRECT       0  02:46                          3.30
  Link-204·2           DIRECT       0  03:46                          3.40
  Link-204·4           CONDUIT      0  01:17      9.88    1.00        0.89
11.89      0.07      0.18           0  Calculated
  Link-205             CONDUIT      0  03:08    >50.00    1.00        2.87
235.65      0.01      0.07           0  Calculated
  Link-205·2           DIRECT       0  03:46                          3.40
  Link-205·4           CONDUIT      0  01:32     13.05    1.00        2.67
11.33      0.24      0.33           0  Calculated
  Link-206             CONDUIT      0  03:04     10.49    1.00        7.28
6.90      1.05      0.93           0  > CAPACITY
  Link-206·2           CONDUIT      0  04:13     31.58    1.00        3.48
39.25      0.09      0.20           0  Calculated
  Link-206·4           CONDUIT      0  01:15     13.69    1.00        2.68
12.92      0.21      0.31           0  Calculated
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Link-207		DIRECT	0	03:46				6.81			
Link-207·4		DIRECT	0	01:14				3.00			
Link-208		CONDUIT	0	03:07	9.37	1.00		4.25	8.02	0.53	0.47
Link-208·2		DIRECT	0	03:46				6.81			
Link-208·4		DIRECT	0	01:14				3.00			
Link-209		CONDUIT	0	02:15	5.82	1.00		0.75	5.40	0.14	0.24
Link-209·4		CONDUIT	0	03:33	5.76	1.00		29.77	36.53	0.82	0.69
Link-210		CONDUIT	0	02:25	10.83	1.00		2.08	9.93	0.21	0.31
Link-210·4		DIRECT	0	01:19				3.30			
Link-211		CONDUIT	0	11:47	6.75	1.00		0.52	7.71	0.07	0.18
Link-211·2		CONDUIT	0	02:24	24.97	1.00		1.70	39.88	0.04	0.14
Link-212		CONDUIT	0	11:47	4.64	1.00		1.56	8.34	0.19	0.29
Link-212·2		CONDUIT	0	02:28	19.14	1.00		1.63	32.92	0.05	0.15
Link-212·4		CONDUIT	0	13:47	4.53	1.00		1.86	7.45	0.25	0.34
Link-213·2		CONDUIT	0	03:56	13.25	1.00		2.53	33.99	0.07	0.19
Link-213·4		CONDUIT	0	13:49	5.05	1.00		3.81	9.41	0.41	0.44
Link-214		CONDUIT	0	03:56	20.44	1.00		2.53	29.16	0.09	0.20
Link-214·4		CONDUIT	0	13:41	4.83	1.00		7.29	14.76	0.49	0.50
Link-215		CONDUIT	0	02:25	7.39	1.00		3.33	4.99	0.67	0.60
Link-215·2		CONDUIT	0	03:43	4.79	1.00		19.83	31.66	0.63	0.57
Link-215·4		CONDUIT	0	01:39	5.15	1.00		6.48	7.84	0.83	0.69
Link-216		CONDUIT	0	02:19	16.33	1.00		9.98	10.80	0.92	0.76
Link-216·2		CONDUIT	0	04:36	15.78	1.00		2.53	54.52	0.05	0.15
Link-216·4		CONDUIT	0	01:35	4.96	1.00		0.95	8.78	0.11	0.22
Link-217		CONDUIT	0	12:06	8.62	1.00		2.61	6.84	0.38	0.42
Link-217·2		CONDUIT	0	04:35	18.71	1.00		2.53	28.36	0.09	0.20
Link-217·4		CONDUIT	0	01:23	5.74	1.00		4.99	10.12	0.49	0.50
Link-219		CONDUIT	0	02:28	7.64	1.00		7.49			

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8.82      0.85      0.71           0  Calculated
  Link-219·2           CONDUIT      0  02:36      7.57    1.00        5.26
4.99      1.05      0.92           0  > CAPACITY
  Link-219·4           CONDUIT      0  13:48      3.35    1.00        1.56
3.07      0.51      0.50           0  Calculated
  Link-220             CONDUIT      0  12:08      6.63    1.00        2.10
7.60      0.28      0.34           0  Calculated
  Link-220·4           CONDUIT      0  01:37      2.81    1.00        1.56
3.40      0.46      0.48           0  Calculated
  Link-221             CONDUIT      0  03:35      4.73    1.00        5.36
4.99      1.08      0.95           0  > CAPACITY
  Link-221·4           CONDUIT      0  13:47      3.33    1.00        3.11
5.75      0.54      0.52           0  Calculated
  Link-222             CONDUIT      0  12:07      3.58    1.00        1.35
4.99      0.27      0.35           0  Calculated
  Link-222·2           CONDUIT      0  03:37      6.55    1.00       14.05
17.54      0.80      0.68           0  Calculated
  Link-222·3           CONDUIT      0  00:00      0.00    1.00        0.00
5.75      0.00      0.00           0  Calculated
  Link-222·4           CONDUIT      0  13:49      3.45    1.00        3.79
5.64      0.67      0.60           0  Calculated
  Link-223             CONDUIT      0  03:33      6.26    1.00        4.02
11.53      0.35      0.41           0  Calculated
  Link-223·4           CONDUIT      0  13:52      3.91    1.00        3.86
4.99      0.77      0.65           0  Calculated
  Link-224             CONDUIT      0  12:07      4.12    1.00        2.01
6.79      0.30      0.37           0  Calculated
  Link-224·4           CONDUIT      0  12:37      8.56    1.00        4.45
5.76      0.77      0.64           0  Calculated
  Link-225             CONDUIT      0  12:07      3.19    1.00        2.01
4.99      0.40      0.44           0  Calculated
  Link-226             CONDUIT      0  01:58      6.09    1.00        1.34
4.99      0.27      0.35           0  Calculated
  Link-226·2           CONDUIT      0  03:38      6.54    1.00       15.67
17.92      0.87      0.72           0  Calculated
  Link-226·4           CONDUIT      0  14:01      8.00    1.00        4.71
13.20      0.36      0.35           0  Calculated
  Link-227             CONDUIT      0  13:01      6.48    1.00        1.47
4.99      0.29      0.35           0  Calculated
  Link-227·2           CONDUIT      0  03:41      6.56    1.00       17.30
17.93      0.97      0.79           0  Calculated
  Link-227·4           CONDUIT      0  03:06      5.23    1.00        6.70
13.20      0.51      0.50           0  Calculated
  Link-228             DIRECT       0  01:51                          1.63
  Link-228·2           CONDUIT      0  02:25     11.98    1.00        1.76
41.46      0.04      0.14           0  Calculated
  Link-228·4           CONDUIT      0  11:44      6.53    1.00        7.59
22.32      0.34      0.40           0  Calculated
  Link-229             DIRECT       0  01:51                         31.06
  Link-229·2           CONDUIT      0  02:24      9.13    1.00        3.28
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7.21 0.46 0.47 0 Calculated
Link-229·3 CONDUIT 0 03:38 8.82 1.00 13.04
28.30 0.46 0.48 0 Calculated
Link-229·4 DIRECT 0 01:19 3.30
Link-23 CONDUIT 0 04:08 10.17 1.00 82.93
213.25 0.39 0.43 0 Calculated
Link-230·2 CONDUIT 0 11:40 7.26 1.00 31.63
47.67 0.66 0.60 0 Calculated
Link-230·4 CONDUIT 0 14:01 8.47 1.00 4.52
10.74 0.42 0.34 0 Calculated
Link-231 CONDUIT 0 02:25 30.28 1.00 5.00
29.04 0.17 0.28 0 Calculated
Link-231·4 CONDUIT 0 14:01 6.50 1.00 5.85
10.74 0.54 0.51 0 Calculated
Link-232 DIRECT 0 01:51 5.82
Link-232·2 CONDUIT 0 02:22 31.01 1.00 5.00
30.36 0.16 0.27 0 Calculated
Link-232·3 CONDUIT 0 03:32 6.02 1.00 9.97
238.47 0.04 0.14 0 Calculated
Link-232·4 CONDUIT 0 03:07 5.16 1.00 7.25
15.43 0.47 0.47 0 Calculated
Link-233·2 CONDUIT 0 11:40 7.57 1.00 37.47
47.70 0.79 0.67 0 Calculated
Link-234 CONDUIT 0 11:40 7.72 1.00 43.33
47.62 0.91 0.75 0 Calculated
Link-234·4 CONDUIT 0 01:42 7.71 1.00 5.02
5.19 0.97 0.72 0 Calculated
Link-235 DIRECT 0 01:51 0.87
Link-235·2 CONDUIT 0 03:11 34.36 1.00 6.11
37.17 0.16 0.27 0 Calculated
Link-235·4 CONDUIT 0 01:57 6.31 1.00 14.07
28.80 0.49 0.49 0 Calculated
Link-236 DIRECT 0 01:51 16.60
Link-236·2 CONDUIT 0 02:59 34.22 1.00 5.94
35.60 0.17 0.28 0 Calculated
Link-236·4 CONDUIT 0 02:48 6.13 1.00 23.55
25.14 0.94 0.76 0 Calculated
Link-237 DIRECT 0 01:51 0.83
Link-237·2 CONDUIT 0 05:31 9.57 1.00 47.46
61.23 0.77 0.66 0 Calculated
Link-238 DIRECT 0 01:51 15.77
Link-238·2 CONDUIT 0 05:31 14.18 1.00 4.13
38.33 0.11 0.22 0 Calculated
Link-239 DIRECT 0 01:51 7.88
Link-239·2 CONDUIT 0 05:31 13.52 1.00 4.13
35.92 0.12 0.23 0 Calculated
Link-240 DIRECT 0 01:51 7.88
Link-240·2 CONDUIT 0 03:42 7.27 1.00 32.30
47.14 0.69 0.61 0 Calculated
Link-240·3 CONDUIT 0 03:37 8.82 1.00 13.04

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28.29      0.46      0.48           0  Calculated
  Link-240·4           CONDUIT      0  03:37      3.73    1.00        5.43
36.54      0.15      0.26           0  Calculated
  Link-241             CONDUIT      0  04:32      7.46    1.00       39.17
47.17      0.83      0.70           0  Calculated
  Link-241·3           CONDUIT      0  03:41     11.76    1.00       21.07
35.46      0.59      0.56           0  Calculated
  Link-242·2           CONDUIT      0  04:33      7.88    1.00       46.70
71.10      0.66      0.59           0  Calculated
  Link-243             DIRECT       0  01:51                          7.76
  Link-243·2           CONDUIT      0  04:31     15.57    1.00        7.53
34.34      0.22      0.32           0  Calculated
  Link-243·4           CONDUIT      0  11:44      5.58    1.00       21.71
55.11      0.39      0.44           0  Calculated
  Link-244             DIRECT       0  01:51                         23.29
  Link-244·2           CONDUIT      0  04:31     17.31    1.00        7.53
39.82      0.19      0.29           0  Calculated
  Link-244·4           CONDUIT      0  07:01      6.71    1.00       28.46
67.46      0.42      0.45           0  Calculated
  Link-245             CONDUIT      0  03:31      8.19    1.00       23.66
22.12      1.07      0.95           0  > CAPACITY
  Link-245·4           CONDUIT      0  03:38      7.20    1.00       28.04
71.16      0.39      0.44           0  Calculated
  Link-246             DIRECT       0  04:00                          9.50
  Link-246·2           CONDUIT      0  03:39      7.50    1.00       48.54
65.99      0.74      0.64           0  Calculated
  Link-247             DIRECT       0  04:00                          9.50
  Link-247·2           CONDUIT      0  02:36     12.12    1.00        9.36
21.69      0.43      0.45           0  Calculated
  Link-247·4           CONDUIT      0  03:35      4.63    1.00        5.77
7.40      0.78      0.66           0  Calculated
  Link-248·2           CONDUIT      0  03:45      4.93    1.00       22.37
47.76      0.47      0.48           0  Calculated
  Link-248·4           CONDUIT      0  03:32      7.06    1.00       29.77
47.26      0.63      0.58           0  Calculated
  Link-250             CONDUIT      0  04:00    >50.00    1.00        2.92
339.12      0.01      0.07          0  Calculated
  Link-251             CONDUIT      0  02:23      9.63    1.00        5.83
6.34      0.92      0.60           0  Calculated
  Link-251·4           CONDUIT      0  04:01      3.49    1.00        2.92
6.27      0.47      0.48           0  Calculated
  Link-252             CONDUIT      0  02:24      5.22    1.00        2.65
4.99      0.53      0.49           0  Calculated
  Link-252·3           CONDUIT      0  03:36     11.60    1.00       54.56
75.17      0.73      0.63          0  Calculated
  Link-252·4           CONDUIT      0  03:34      4.73    1.00        5.43
7.70      0.71      0.62           0  Calculated
  Link-253             CONDUIT      0  02:24      4.93    1.00        2.69
6.75      0.40      0.40           0  Calculated
  Link-253·4           CONDUIT      0  13:48      9.35    1.00        2.21
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7.36	0.30	0.34	0	Calculated				
Link-254		CONDUIT	0	02:23	10.77	1.00		1.71
9.30	0.18	0.26	0	Calculated				
Link-254·4		CONDUIT	0	13:48	4.11	1.00		2.07
7.41	0.28	0.37	0	Calculated				
Link-255		DIRECT	0	02:17				4.19
Link-255·4		CONDUIT	0	13:49	4.72	1.00		3.84
8.37	0.46	0.48	0	Calculated				
Link-256		CONDUIT	0	11:38	5.67	1.00		14.53
26.52	0.55	0.53	0	Calculated				
Link-258		DIRECT	0	02:17				3.14
Link-258·3		CONDUIT	0	01:12	5.17	1.00		18.09
36.53	0.50	0.50	0	Calculated				
Link-259		DIRECT	0	02:17				9.43
Link-259·3		CONDUIT	0	03:32	3.74	1.00		2.25
7.57	0.30	0.37	0	Calculated				
Link-259·4		CONDUIT	0	03:06	7.17	1.00		18.35
50.26	0.37	0.42	0	Calculated				
Link-260		DIRECT	0	02:17				4.71
Link-260·3		CONDUIT	0	03:31	7.59	1.00		2.26
20.37	0.11	0.22	0	Calculated				
Link-260·4		CONDUIT	0	12:15	6.10	1.00		9.97
17.78	0.56	0.54	0	Calculated				
Link-261		DIRECT	0	02:17				4.71
Link-261·3		CONDUIT	0	03:31	4.24	1.00		2.26
5.45	0.41	0.45	0	Calculated				
Link-261·4		CONDUIT	0	12:16	7.12	1.00		13.14
19.20	0.68	0.61	0	Calculated				
Link-262		CONDUIT	0	06:43	5.26	1.00		5.91
5.55	1.07	1.00	314	SURCHARGED				
Link-262·4		DIRECT	0	01:16				2.64
Link-263		CONDUIT	0	01:46	7.33	1.00		2.75
4.99	0.55	0.47	0	Calculated				
Link-263·3		CONDUIT	0	03:32	5.05	1.00		4.18
9.11	0.46	0.48	0	Calculated				
Link-263·4		DIRECT	0	01:16				7.92
Link-264		CONDUIT	0	04:08	2.83	1.00		0.55
4.99	0.11	0.23	0	Calculated				
Link-264·3		CONDUIT	0	03:32	5.73	1.00		7.29
9.11	0.80	0.68	0	Calculated				
Link-264·4		DIRECT	0	01:16				1.98
Link-266		CONDUIT	0	03:33	4.59	1.00		17.45
31.66	0.55	0.53	0	Calculated				
Link-266·4		DIRECT	0	01:16				2.97
Link-267		CONDUIT	0	01:00	26.49	1.00		18.20
51.19	0.36	0.41	0	Calculated				
Link-267·4		DIRECT	0	01:16				2.97
Link-268		CONDUIT	0	02:42	11.14	1.00		14.17
20.51	0.69	0.48	0	Calculated				
Link-268·4		CONDUIT	0	12:37	5.50	1.00		0.76

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4.99      0.15      0.21           0  Calculated
  Link-269             DIRECT       0  02:19                          9.41
  Link-269·4           DIRECT       0  00:31                          9.01
  Link-270             DIRECT       0  02:19                         28.23
  Link-270·4           DIRECT       0  00:31                          2.25
  Link-271             DIRECT       0  02:19                          7.06
  Link-271·3           CONDUIT      0  03:31      3.41    1.00        3.66
5.66      0.65      0.59           0  Calculated
  Link-271·4           DIRECT       0  00:31                          2.25
  Link-272             DIRECT       0  02:19                         21.17
  Link-272·4           DIRECT       0  00:31                          0.56
  Link-273             DIRECT       0  02:19                          5.29
  Link-273·3           CONDUIT      0  03:34      4.64    1.00        3.64
8.55      0.43      0.46           0  Calculated
  Link-274             DIRECT       0  02:19                         15.88
  Link-274·3           CONDUIT      0  03:31      4.12    1.00       10.61
19.89      0.53      0.52           0  Calculated
  Link-274·4           DIRECT       0  00:31                          1.69
  Link-275             DIRECT       0  02:46                          1.29
  Link-276             DIRECT       0  02:19                          7.94
  Link-276·4           CONDUIT      0  03:06      6.64    1.00        1.63
4.99      0.33      0.35           0  Calculated
  Link-277             DIRECT       0  04:00                         24.22
  Link-278             DIRECT       0  04:00                         72.66
  Link-278·4           CONDUIT      0  02:40     13.38    1.00        6.11
8.97      0.68      0.61           0  Calculated
  Link-279             DIRECT       0  04:00                         18.17
  Link-279·3           CONDUIT      0  03:33      4.39    1.00       15.24
19.47      0.78      0.67           0  Calculated
  Link-279·4           CONDUIT      0  02:09      7.23    1.00        2.53
4.99      0.51      0.44           0  Calculated
  Link-28              CONDUIT      0  04:08      9.55    1.00       34.26
101.93      0.34      0.40           0  Calculated
  Link-28·4            CONDUIT      0  02:33      4.17    1.00        7.86
12.39      0.63      0.58           0  Calculated
  Link-280             DIRECT       0  04:00                         54.50
  Link-280·3           CONDUIT      0  03:33      3.23    1.00        4.76
4.99      0.95      0.78           0  Calculated
  Link-280·4           CONDUIT      0  02:10      6.50    1.00        1.21
5.90      0.21      0.29           0  Calculated
  Link-281             DIRECT       0  04:00                         13.62
  Link-281·3           CONDUIT      0  03:36      9.13    1.00       13.04
29.63      0.44      0.46           0  Calculated
  Link-281·4           CONDUIT      0  02:10      8.68    1.00        1.24
8.29      0.15      0.24           0  Calculated
  Link-282             CONDUIT      0  01:08      9.19    1.00       17.68
81.12      0.22      0.32           0  Calculated
  Link-282·4           DIRECT       0  01:37                          3.00
  Link-283             DIRECT       0  04:00                         40.87
  Link-283·3           CONDUIT      0  00:00      0.00    1.00        0.00
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4.99      0.00      0.00           0  Calculated
  Link-283·4           DIRECT       0  01:37                          3.00
  Link-284             DIRECT       0  04:00                         30.65
  Link-284·3           CONDUIT      0  00:00      0.00    1.00         0.00
6.12      0.00      0.00           0  Calculated
  Link-285             CONDUIT      0  04:06      3.96    1.00         7.63
123.63      0.06      0.17           0  Calculated
  Link-285·3           CONDUIT      0  03:32      4.08    1.00         2.24
8.58      0.26      0.35           0  Calculated
  Link-286             DIRECT       0  04:00                         22.99
  Link-286·3           CONDUIT      0  03:32      5.16    1.00         6.49
8.11      0.80      0.68           0  Calculated
  Link-287             DIRECT       0  04:00                         11.50
  Link-287·3           DIRECT       0  03:31                          6.61
  Link-288             CONDUIT      0  04:00      4.89    1.00        11.54
167.00      0.07      0.18           0  Calculated
  Link-289             DIRECT       0  04:00                         10.22
  Link-289·3           CONDUIT      0  03:33      6.13    1.00         3.82
12.27      0.31      0.38           0  Calculated
  Link-289·4           CONDUIT      0  02:20     13.06    1.00         6.51
8.65      0.75      0.65           0  Calculated
  Link-290             CONDUIT      0  01:47      4.90    1.00         1.74
8.45      0.21      0.30           0  Calculated
  Link-290·3           CONDUIT      0  03:31      5.67    1.00         7.19
9.02      0.80      0.67           0  Calculated
  Link-291             CONDUIT      0  03:31      3.29    1.00         3.52
5.46      0.64      0.58           0  Calculated
  Link-291·3           CONDUIT      0  03:35      3.72    1.00         7.89
31.66      0.25      0.34           0  Calculated
  Link-292             DIRECT       0  03:04                          3.64
  Link-292·3           CONDUIT      0  03:32      8.46    1.00         1.07
32.29      0.03      0.12           0  Calculated
  Link-293·3           CONDUIT      0  03:32      8.45    1.00         1.07
32.29      0.03      0.12           0  Calculated
  Link-294             CONDUIT      0  03:35      4.04    1.00        10.52
19.47      0.54      0.52           0  Calculated
  Link-295             CONDUIT      0  03:35      4.04    1.00        10.52
19.47      0.54      0.52           0  Calculated
  Link-296             CONDUIT      0  03:36      4.04    1.00        10.52
19.47      0.54      0.52           0  Calculated
  Link-296·4           CONDUIT      0  03:31      2.49    1.00         1.56
4.99      0.31      0.38           0  Calculated
  Link-297             CONDUIT      0  03:39     11.18    1.00        46.24
75.19      0.61      0.57           0  Calculated
  Link-297·4           CONDUIT      0  03:31      3.89    1.00         1.56
9.25      0.17      0.28           0  Calculated
  Link-298             CONDUIT      0  03:44     10.17    1.00        97.84
113.64      0.86      0.72           0  Calculated
  Link-298·3           CONDUIT      0  03:40     11.18    1.00        46.24
75.22      0.61      0.57           0  Calculated
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  Link-298·4           DIRECT       0  01:05                          1.85
  Link-299             CONDUIT      0  03:40     11.35    1.00       49.54
75.17      0.66      0.59           0  Calculated
  Link-299·4           DIRECT       0  01:05                          1.86
  Link-300             CONDUIT      0  03:49     10.63    1.00      110.95
155.58      0.71      0.62           0  Calculated
  Link-300·3           CONDUIT      0  01:12     13.04    1.00        8.23
238.03      0.03      0.13           0  Calculated
  Link-300·4           CONDUIT      0  01:14      7.40    1.00        0.58
9.48      0.06      0.17           0  Calculated
  Link-301             DIRECT       0  04:00                         13.62
  Link-301·3           CONDUIT      0  03:31      3.20    1.00        1.74
206.05      0.01      0.07           0  Calculated
  Link-301·4           CONDUIT      0  13:49      8.40    1.00        1.75
6.83      0.26      0.34           0  Calculated
  Link-302             CONDUIT      0  01:46      5.78    1.00        0.92
4.99      0.18      0.26           0  Calculated
  Link-302·4           CONDUIT      0  13:49      8.16    1.00        0.87
8.27      0.11      0.22           0  Calculated
  Link-303             CONDUIT      0  04:06      5.28    1.00       18.92
37.13      0.51      0.51           0  Calculated
  Link-303·3           CONDUIT      0  03:37      9.42    1.00       17.08
28.29      0.60      0.56           0  Calculated
  Link-303·4           CONDUIT      0  13:50      3.79    1.00        0.89
8.17      0.11      0.22           0  Calculated
  Link-304             DIRECT       0  04:00                          9.50
  Link-304·4           CONDUIT      0  01:16      9.10    1.00        1.07
10.24      0.10      0.22           0  Calculated
  Link-305             CONDUIT      0  03:45     13.79    1.00       97.84
166.78      0.59      0.55           0  Calculated
  Link-305·3           CONDUIT      0  03:31      4.94    1.00        4.10
8.92      0.46      0.48           0  Calculated
  Link-305·4           CONDUIT      0  01:09     13.01    1.00        3.58
14.90      0.24      0.32           0  Calculated
  Link-308             CONDUIT      0  03:36      8.96    1.00       59.54
78.37      0.76      0.65           0  Calculated
  Link-308·4           CONDUIT      0  13:47      8.29    1.00        1.64
8.65      0.19      0.29           0  Calculated
  Link-309             CONDUIT      0  03:38      5.13    1.00       12.19
41.68      0.29      0.37           0  Calculated
  Link-309·4           CONDUIT      0  01:24     11.07    1.00        0.95
13.44      0.07      0.18           0  Calculated
  Link-310             CONDUIT      0  03:50      4.59    1.00       20.12
19.47      1.03      0.92           0  > CAPACITY
  Link-310·4           DIRECT       0  01:07                          2.85
  Link-311             CONDUIT      0  02:03      5.27    1.00        5.99
5.54      1.08      1.00         145  SURCHARGED
  Link-311·4           DIRECT       0  01:07                          2.14
  Link-312             CONDUIT      0  03:32      3.21    1.00        2.25
3.77      0.60      0.56           0  Calculated
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  Link-312·4           DIRECT       0  01:07                          0.71
  Link-313             CONDUIT      0  03:45      4.03    1.00        4.44
4.24      1.05      0.93           0  > CAPACITY
  Link-313·4           DIRECT       0  01:07                          0.53
  Link-314·4           DIRECT       0  01:07                          1.60
  Link-315             CONDUIT      0  02:16      4.63    1.00        3.20
8.93      0.36      0.41           0  Calculated
  Link-315·4           CONDUIT      0  01:11      5.80    1.00        0.93
4.99      0.19      0.27           0  Calculated
  Link-316·4           CONDUIT      0  01:11      7.35    1.00        1.00
6.70      0.15      0.23           0  Calculated
  Link-317             CONDUIT      0  01:06      5.85    1.00       17.69
43.62      0.41      0.44          0  Calculated
  Link-317·4           CONDUIT      0  01:04      9.56    1.00        1.05
11.49      0.09      0.20          0  Calculated
  Link-318             CONDUIT      0  03:32      2.30    1.00        1.18
151.97      0.01      0.06          0  Calculated
  Link-318·4           CONDUIT      0  01:24      8.40    1.00        3.11
6.10      0.51      0.51           0  Calculated
  Link-319             CONDUIT      0  03:34      3.36    1.00        3.25
5.75      0.57      0.54           0  Calculated
  Link-319·4           CONDUIT      0  01:32      6.81    1.00        1.56
6.42      0.24      0.34           0  Calculated
  Link-320             CONDUIT      0  03:33      3.01    1.00        3.25
4.99      0.65      0.59           0  Calculated
  Link-320·4           CONDUIT      0  01:35      3.02    1.00        1.56
4.99      0.31      0.38           0  Calculated
  Link-321             CONDUIT      0  02:08      7.53    1.00        2.28
5.36      0.43      0.43           0  Calculated
  Link-322             CONDUIT      0  03:32      4.02    1.00        4.01
4.34      0.92      0.76           0  Calculated
  Link-322·4           CONDUIT      0  02:23     13.94    1.00        6.25
9.85      0.63      0.58           0  Calculated
  Link-323             CONDUIT      0  03:33      3.87    1.00        2.83
7.31      0.39      0.43           0  Calculated
  Link-323·4           CONDUIT      0  12:14      4.13    1.00        3.13
4.99      0.63      0.57           0  Calculated
  Link-324             CONDUIT      0  13:44      5.68    1.00        0.86
4.99      0.17      0.25           0  Calculated
  Link-325             CONDUIT      0  02:35      5.41    1.00        6.92
8.28      0.84      0.70           0  Calculated
  Link-326             CONDUIT      0  12:47      5.88    1.00        0.99
4.99      0.20      0.29           0  Calculated
  Link-326·4           CONDUIT      0  12:15      7.07    1.00        3.29
4.99      0.66      0.57           0  Calculated
  Link-327             CONDUIT      0  01:24      9.14    1.00        0.97
9.14      0.11      0.22           0  Calculated
  Link-327·4           CONDUIT      0  02:47      7.55    1.00        3.59
4.99      0.72      0.55           0  Calculated
  Link-328             CONDUIT      0  03:30      6.22    1.00        2.26
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15.35 0.15 0.26 0 Calculated
Link-328·4 CONDUIT 0 03:13 11.66 1.00 2.89
8.95 0.32 0.39 0 Calculated
Link-329 CONDUIT 0 02:29 7.22 1.00 2.51
4.99 0.50 0.45 0 Calculated
Link-330 CONDUIT 0 03:30 >50.00 1.00 2.36
385.49 0.01 0.06 0 Calculated
Link-330·4 CONDUIT 0 02:29 8.83 1.00 3.05
6.10 0.50 0.41 0 Calculated
Link-331 CONDUIT 0 02:38 7.00 1.00 2.16
4.99 0.43 0.46 0 Calculated
Link-332 CONDUIT 0 03:30 5.82 1.00 3.23
12.15 0.27 0.35 0 Calculated
Link-332·4 CONDUIT 0 02:05 10.27 1.00 2.49
7.75 0.32 0.36 0 Calculated
Link-333 CONDUIT 0 03:30 6.97 1.00 3.23
15.63 0.21 0.31 0 Calculated
Link-333·4 DIRECT 0 02:18 5.28
Link-334 CONDUIT 0 03:31 2.54 1.00 1.66
4.99 0.33 0.40 0 Calculated
Link-334·4 DIRECT 0 02:18 5.28
Link-335 CONDUIT 0 03:31 4.18 1.00 1.66
9.96 0.17 0.28 0 Calculated
Link-335·4 DIRECT 0 07:00 6.90
Link-336 CONDUIT 0 03:31 2.56 1.00 0.99
6.17 0.16 0.27 0 Calculated
Link-336·4 DIRECT 0 07:00 20.71
Link-337 CONDUIT 0 03:31 7.49 1.00 2.98
17.87 0.17 0.28 0 Calculated
Link-337·4 DIRECT 0 07:00 10.36
Link-338 CONDUIT 0 03:31 2.98 1.00 3.12
4.99 0.63 0.57 0 Calculated
Link-339 CONDUIT 0 03:31 5.40 1.00 3.12
11.12 0.28 0.36 0 Calculated
Link-339·4 CONDUIT 0 07:02 6.20 1.00 38.82
55.11 0.70 0.62 0 Calculated
Link-340 CONDUIT 0 03:31 2.75 1.00 2.24
4.99 0.45 0.47 0 Calculated
Link-341 CONDUIT 0 03:31 4.78 1.00 2.24
10.66 0.21 0.31 0 Calculated
Link-341·4 CONDUIT 0 02:11 6.90 1.00 1.96
4.99 0.39 0.39 0 Calculated
Link-342 CONDUIT 0 01:09 8.82 1.00 17.68
76.75 0.23 0.33 0 Calculated
Link-342·4 CONDUIT 0 02:11 10.68 1.00 2.16
8.52 0.25 0.29 0 Calculated
Link-343 CONDUIT 0 01:09 9.66 1.00 18.17
86.24 0.21 0.31 0 Calculated
Link-343·4 CONDUIT 0 12:54 6.46 1.00 1.58
4.99 0.32 0.37 0 Calculated

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  Link-344            CONDUIT      0  03:31      2.73    1.00        1.36
5.95      0.23      0.33           0  Calculated
  Link-344·4          CONDUIT      0  01:48      9.73    1.00        1.46
9.40      0.16      0.27           0  Calculated
  Link-345            CONDUIT      0  03:31      4.54    1.00        1.36
12.12      0.11      0.23          0  Calculated
  Link-345·4          CONDUIT      0  12:38      2.80    1.00        0.69
1.69      0.41      0.40           0  Calculated
  Link-346            CONDUIT      0  03:31      2.62    1.00        1.03
6.24      0.17      0.28           0  Calculated
  Link-346·4          CONDUIT      0  11:43      5.38    1.00       13.69
55.11      0.25      0.34          0  Calculated
  Link-347            CONDUIT      0  03:31      2.68    1.00        1.03
6.44      0.16      0.27           0  Calculated
  Link-347·4          CONDUIT      0  03:41      7.47    1.00       32.30
47.17      0.68      0.61          0  Calculated
  Link-348            CONDUIT      0  03:31      2.25    1.00        1.07
4.99      0.21      0.31           0  Calculated
  Link-348·4          CONDUIT      0  04:04      3.98    1.00       11.37
10.74      1.06      0.94          0  > CAPACITY
  Link-349            CONDUIT      0  03:30     11.41    1.00        1.07
51.07      0.02      0.10          0  Calculated
  Link-350            CONDUIT      0  04:01      4.15    1.00        6.57
6.32      1.04      0.92           0  > CAPACITY
  Link-351            CONDUIT      0  03:31      7.70    1.00        6.61
13.74      0.48      0.49          0  Calculated
  Link-352            CONDUIT      0  03:31      3.35    1.00        1.18
8.24      0.14      0.26           0  Calculated
  Link-353            CONDUIT      0  03:30     13.05    1.00       10.62
23.72      0.45      0.47          0  Calculated
  Link-354            CONDUIT      0  03:31      3.85    1.00        4.78
6.15      0.78      0.66           0  Calculated
  Link-356            CONDUIT      0  03:30    >50.00    1.00        4.10
280.45      0.01      0.08          0  Calculated
  Link-357            CONDUIT      0  03:30    >50.00    1.00        4.10
327.15      0.01      0.08          0  Calculated
  Link-358            CONDUIT      0  03:32      3.21    1.00        4.46
4.99      0.89      0.74           0  Calculated
  Link-359            DIRECT       0  03:30                          13.39
  Link-360            CONDUIT      0  03:31      4.72    1.00        3.35
9.01      0.37      0.42           0  Calculated
  Link-361            CONDUIT      0  03:31      6.82    1.00       10.02
10.60      0.95      0.78          0  Calculated
  Link-362            CONDUIT      0  03:35      3.29    1.00        5.27
4.99      1.06      0.91           0  > CAPACITY
  Link-363            CONDUIT      0  03:32      4.74    1.00        5.01
7.91      0.63      0.58           0  Calculated
  Link-364            CONDUIT      0  01:03     10.31    1.00        0.67
16.08      0.04      0.14          0  Calculated
  Link-365            CONDUIT      0  03:30      4.58    1.00        2.26
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10.01      0.23      0.32           0  Calculated
  Link-366             CONDUIT      0  03:31      2.89    1.00         2.36
4.99      0.47      0.48           0  Calculated
  Link-367             CONDUIT      0  03:31     11.01    1.00         2.13
3.72      0.57      0.54           0  Calculated
  Link-368             CONDUIT      0  02:36      5.83    1.00         8.29
18.04      0.46      0.47           0  Calculated
  Link-372             CONDUIT      0  02:42      6.12    1.00        13.43
17.28      0.78      0.66           0  Calculated
  Link-373             CONDUIT      0  02:44      6.21    1.00        16.37
16.73      0.98      0.80           0  Calculated
  Link-374             CONDUIT      0  03:36      6.98    1.00        56.83
58.94      0.96      0.79           0  Calculated
  Link-375             CONDUIT      0  03:45      7.07    1.00        98.68
123.63      0.80      0.68           0  Calculated
  Link-376             CONDUIT      0  04:08      7.90    1.00       102.29
142.72      0.72      0.63           0  Calculated
  Link-377             CONDUIT      0  03:50    >50.00    1.00       122.13
8298.72      0.01      0.08           0  Calculated
  Link-378             CONDUIT      0  11:03      5.23    1.00        26.11
31.66      0.82      0.69           0  Calculated
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31.66      0.82      0.69           0  Calculated
  Link-38              CONDUIT      0  03:41      9.02    1.00        49.36
219.44      0.22      0.32           0  Calculated
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31.66      0.98      0.81           0  Calculated
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36.06      1.06      0.91           0  > CAPACITY
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11.33      0.91      0.75           0  Calculated
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7.88      0.66      0.59           0  Calculated
  Link-386             DIRECT       0  07:01                           5.18
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21.35      0.92      0.76           0  Calculated
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17.08      0.64      0.58           0  Calculated
  Link-42·4            CONDUIT      0  13:47      3.43    1.00         1.04
3.54      0.29      0.37           0  Calculated
  Link-45              CONDUIT      0  03:39      6.17    1.00        13.43
29.91      0.45      0.47           0  Calculated
  Link-46              CONDUIT      0  00:00      0.00    1.00         0.00
4.47      0.00      0.00           0  Calculated
  Link-46·4            CONDUIT      0  01:12      3.10    1.00         1.04
3.54      0.29      0.37           0  Calculated
  Link-47              CONDUIT      0  04:01      5.88    1.00        24.20
59.66      0.41      0.44           0  Calculated
```

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108.49      0.72      0.63           0  Calculated
  Link-52·3            CONDUIT      0  03:32      6.01    1.00        9.97
238.04      0.04      0.14           0  Calculated
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3.54      0.31      0.38           0  Calculated
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5.03      0.91      0.75           0  Calculated
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6.37      1.04      0.93           0  > CAPACITY
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19.47      0.78      0.67           0  Calculated
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5.36      0.35      0.41           0  Calculated
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28.59      0.46      0.47           0  Calculated
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12.39      0.33      0.40           0  Calculated
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9.02      0.79      0.67           0  Calculated
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7.17      0.33      0.39           0  Calculated
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5.05      0.42      0.45           0  Calculated
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141.64      0.13      0.25           0  Calculated
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66.96      0.78      0.66           0  Calculated
  Links-189-1          DIRECT       0  02:11                         7.23
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4.99      1.05      0.92           0  > CAPACITY
  Links-218-4          CONDUIT      0  01:28      5.97    1.00        4.99
10.13      0.49      0.50           0  Calculated
  Links-233            DIRECT       0  01:51                        17.47
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Links-249-4	CONDUIT	0	03:31	4.07	1.00	3.02		
7.64	0.39	0.44	0	Calculated				
Links-257-1	DIRECT	0	02:17			12.57		
Links-257-4	CONDUIT	0	02:12	5.39	1.00	10.11		
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33.85	0.52	0.51	0	Calculated				
Links-265-4	DIRECT	0	01:16			5.94		
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6.29	0.26	0.34	0	Calculated				
Links-31-1	CONDUIT	0	01:36	3.22	1.00	1.56		
3.96	0.39	0.44	0	Calculated				
Links-32-1	CONDUIT	0	13:47	3.56	1.00	4.15		
5.77	0.72	0.63	0	Calculated				
Links-34-1	CONDUIT	0	03:32	9.19	1.00	1.07		
3.71	0.29	0.37	0	Calculated				
Links-355	CONDUIT	0	03:31	4.01	1.00	4.78		
6.46	0.74	0.64	0	Calculated				
Outlet-02	OUTLET	0	03:13			24.20		
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Outlet-04	OUTLET	0	01:19			6.60		
Outlet-05	OUTLET	0	01:14			6.00		
Outlet-06-2	OUTLET	0	01:08			5.34		
Outlet-07	OUTLET	0	01:01			1.77		
Outlet-08	OUTLET	0	01:42			3.53		
Outlet-09	OUTLET	0	01:16			10.56		
Outlet-11	OUTLET	0	00:31			9.48		
Outlet-12	OUTLET	0	01:37			6.00		
Outlet-13	OUTLET	0	01:44			9.72		
Outlet-14	OUTLET	0	01:02			1.50		
Outlet-15	OUTLET	0	00:00			0.00		
Outlet-16	OUTLET	0	01:06			2.33		
Outlet-17	OUTLET	0	01:05			3.71		
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Outlet-20	OUTLET	0	01:03			4.15		
Outlet-21	OUTLET	0	01:57			8.33		
Outlet-22	OUTLET	0	01:25			2.96		
Outlet-23	OUTLET	0	02:46			2.59		
Outlet-24	OUTLET	0	01:58			8.14		
Outlet-25	OUTLET	0	02:29			5.78		
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Outlet-28	OUTLET	0	02:18			10.56		
Outlet-29	OUTLET	0	01:51			3.22		
Outlet-30	OUTLET	0	01:59			1.89		

Outlet-31	OUTLET	0	02:01	10.00
Outlet-32	OUTLET	0	02:52	11.73
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Outlet-35	OUTLET	0	01:09	4.33
Outlet-36	OUTLET	0	02:07	2.65
Outlet-37	OUTLET	0	01:46	0.97
Outlet-38	OUTLET	0	03:08	2.17
Outlet-39	OUTLET	0	02:01	4.69
Outlet-40	OUTLET	0	01:55	2.94
Outlet-41	OUTLET	0	02:13	2.97
Outlet-42	OUTLET	0	02:12	4.32
Outlet-43	OUTLET	0	02:03	3.15
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Outlet-46	OUTLET	0	03:10	18.10
Outlet-47	OUTLET	0	03:46	13.62
Outlet-48	OUTLET	0	02:34	14.23
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Outlet-51	OUTLET	0	01:42	2.96
Outlet-52	OUTLET	0	02:19	37.64
Outlet-53	OUTLET	0	01:51	32.69
Outlet-54	OUTLET	0	01:29	2.68
Outlet-55	OUTLET	0	01:50	13.31
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Outlet-58	OUTLET	0	01:56	1.47
Outlet-59	OUTLET	0	00:57	1.33
Outlet-60	OUTLET	0	01:20	1.87
Outlet-61	OUTLET	0	02:11	10.79

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Highest Flow Instability Indexes
****
Link Link-137·2 (68)
Link Link-206 (62)
Link Link-292 (61)
Link Link-191 (60)
Link Link-178·2 (59)

Analysis began on: Tue Apr 21 11:33:18 2020
Analysis ended on: Tue Apr 21 11:33:29 2020
Total elapsed time: 00:00:11

AMERICAN FORK CITY
PLANNING COMMISSION MINUTES
JUNE 2, 2021

The American Fork City Planning Commission met in a regular session on June 2, 2021, at the American Fork City Hall, 31 North Church Street, commencing at 7:00 pm.

Present: Chairman John Woffinden
Cristine Anderson
Harold Dudley
Rod Brocious
Jenny Peay

Absent: Chris Christiansen

Staff Present: Adam Olsen, City Planner
Ben Hunter, Engineer
Lisa Halversen, Administrative Assistant
Scott Sensanbaugher, Public Works Director

Others Present: Shawn Poor

Chairman Woffinden led the "Pledge of Allegiance." He then asked our newest commissioner to introduce herself.

Ms. Jenny Peay said that her background is in zoning, she works for the Cedar Hills Planning and Zoning Department and also does code enforcement. She has been an American Fork resident for 27 years and is happy to serve on the Planning Commission.

1. Hearing, review and action on the Walton Townhome Planned Community Development Project located at 781 East Quality Drive in the PC Planned Community zone

Mr. Olsen informed commissioners that the property was annexed in 2019 as part of the Vest Annexation. A concept plan approval followed, designating this area as higher density residential. A subsequent development agreement was approved, allowing an overall development parking ratio of 1.8 stalls per unit.

This proposal is for a site plan and final plat. Access to the project will be off Quality Drive. 54 units are proposed, with internal circulation providing access to each unit. Units will either face outward toward Quality Drive to the north and west, or inward toward open space areas. Parking is provided at 2.26 spaces per unit; well above the allowed 1.8 stalls per unit as approved in the development agreement. Renderings of the proposed townhomes as well as landscape plans are provided in the submittal materials. Adjacent properties to the south, east and north have recently been approved for higher density residential (apartments). The subdivision plat proposes one lot over the entirety of the site plan.

While Planning staff can recommend approval of the proposal, the Engineering Division has concerns that must be addressed prior to the project proceeding on to Council and will recommend the project be "tabled". Planning supports Engineering in this recommendation.

Mr. Hunter indicated that Engineering staff have worked closely with the applicant. The reason for their recommendation to table is that there were a few outstanding comments to be addressed in the TRC process. The Engineering staff have not had a chance to review the updated plan sets to be sure all comments were addressed. Storm water detention facilities were one area that needed work to finalize. The required infrastructure along Quality Drive is in place except for the north side of the road where the main utilities are also in place. He recommended tabling until they can be sure all comments have been addressed.

Mr. Shawn Poor, representing Brighton Homes, stated that they have worked closely with engineering staff and understand their concerns. Nevertheless, he would like to ask for consideration to move forward as the outstanding comments are relatively minor. The storm detention area and public utility easement issues have been taken care of. He understands the policy of having zero outstanding comments before passing a preliminary plat, but they are asking for a variance. Typically other cities will allow projects to go through and still have some work to do on the plans. They at least look forward to hearing commissioners' thoughts on the project.

Chairman Woffinden clarified that this is not a change in policy, it has always been city policy to have no outstanding comments before approval. Everyone is held to the same standards, we have to act in the best interests of the city.

Mr. Dudley replied that the planning commission is just a recommending body, the project will still go to council. He asked for an explanation of why these things cannot be addressed between now and time it goes to the city council.

Mr. Hunter explained the TRC (Technical Review Committee) process from beginning to end. Initially a submittal is reviewed to make sure it is a complete submittal. Once it has been deemed to be complete, staff will provide review comments. At that point the project gets added back into the queue. This proposal was resubmitted just this last week and has not made it back through the queue, the fire department has not had a chance to re-review it yet either. City staff do not have the ability to skip over projects next in the queue to this project to verify that all

comments have been addressed. We have not been able to finalize this review yet. We cannot give a positive recommendation without all the information.

Chairman Woffinden added that city staff have a full plate of plans to review and it is not fair to staff to have this back on their agenda in a rush.

Mr. Dudley asked how they were able to get on the agenda. Mr. Olsen indicated that it was at the developer's request.

Ms. Anderson asked when this project will be back on the TRC schedule.

Mr. Hunter responded that he was not sure, he thought that they are about 4-6 weeks out. At the time Mr. Greene requested to be put on the agenda, he was advised that staff would recommend tabling since the final TRC review had not taken place.

Chairman Woffinden added that the Engineering Division just lost another engineer this week, they will be very short-staffed.

Mr. Dudley sympathized with Mr. Greene, as he has been in both situations and can see both sides. Everyone has deadlines and rising costs. The commissioners like to help where we can. He also understands the staff and the chairman's position.

Mr. Brocious indicated that if there are no design changes and if comments are minor he wishes that the process were expedited.

Mr. Poor clarified that because of a conflict in our city code they had to make a change. The number and placement of units has not changed, he feels that the changes have been minor.

Public Hearing Opened

No comments were received.

Public Hearing Closed

Mr. Brocious moved to table action on the project based on the Engineering Division completing review and giving approval.

Ms. Anderson seconded the motion. Voting was as follows:

Chairman Woffinden	**Aye**
Christine Anderson	**Aye**
Harold Dudley	**Aye**
Rod Brocious	**Aye**
Jenny Peay	**Aye**

The motion passed.

Mr. Dudley explained that his vote to table will move the project along faster than no action at all.

Ms. Anderson agreed, and wished the applicants well.

2. Hearing, review and action on amendments to the General Plan by providing a recommendation on the 2021 Transportation Master Plan Map

Mr. Hunter shows a diagram in the master plan, this particular update is the master transportation map itself. This update reflects some changes for the benefit of the city by identifying a new description of "legacy" roads. The main purpose behind this new classification is that legacy roads are identified where infrastructure and rights-of-way are already in place and development is already there. Cross-sections may have been changed updated, legacy roads function in the same way as other descriptions though there may be existing limitations and a need for additional allowances. The map portion of the transportation element will be updated.

Ms. Anderson asked if this would come into play mostly with roads that are facing new development and allow them to not have to meet the same requirements.

Mr. Hunter said that is a possibility, it allows us to recognize that existing conditions may have to be worked around or tweaked in order to meet the classification needs of that particular roadway.

Ms. Anderson asked if the proposed change is a specific set of rules or just extra leeway.

Mr. Hunter said that the change just gives city staff extra flexibility. He used an example that an existing minor collector road cross-section specifies a 72 ft-width, whereas a legacy road may be 68 ft wide. The new classification would acknowledge that curb, gutter, and sidewalk may already be in place and the cost to remove and replace may not justify the benefit. This change would give leeway for such existing conditions. Areas not developed yet are not impacted, those roads would not have the same leeway.

Ms. Anderson asked if there are any roads that are currently identified as legacy roads.

Mr. Hunter said there are no such identified roads currently. He gives another example of an existing road between two subdivision lots that is already in place, it might not make sense to

require additional right-of-way when improvements are already there and it is functioning as it needs to.

Ms. Peay asked when the last traffic study was done.

Mr. Hunter believes it was done in 2018. This map change will bring some of the modeling from the traffic study into the master plan document.

Chairman Woffinden added that the city's master plan is a living document and will change over time.

Ms. Anderson asked about 700 North. It could be designated as a legacy arterial with five lanes, but currently it has only two lanes of traffic.

Mr. Hunter stated that identifying it as a legacy road gives staff flexibility to deal with traffic numbers and provide allowances to ensure functionality. Some roads will have extra space in shoulders, bike lanes, a median turn lane, etc. Generally there won't be parking on arterial roads.

Ms. Anderson asked if she votes to approve, does that mean that she agrees to all roads having the number of lanes specified?

Mr. Hunter replied that roads will be classified according to their level of service. By identifying it as a legacy road they will gain the flexibility to determine what level of service gives the desired functionality without causing traffic delays. In some instances, roads will still function as desired by changing an intersection configuration. This proposed change makes a classification of a four or five lane road possible with fewer travel lanes by use of traffic calming devices, etc.

Mr. Brocious noted that such new classifications may give flexibility, but the city should still recognize the need that such roads have to carry the correct amount of traffic. A five-lane road may be what is needed to provide the appropriate traffic-carrying capacity.

Chairman Woffinden added that he lives right off 700 North and it could not become a five lane road without buying up a lot of properties.

Mr. Hunter said that a legacy road can possibly function similarly to a larger road without having to have five lanes. The legacy classification gives the city the ability to require that a road be able to function in the needed capacity by possibly changing the structure of the required impact fees.

Mr. Brocious indicated that impact fees are analyzed to account for this and charged so that when the time comes, the city has the money to buy the required properties.

Public Hearing Opened

No comments were received.

Public Hearing Closed

Mr. Dudley moved to approve the amendment to the map in the Transportation Element of the General Plan.

Mr. Brocious seconded the motion. Voting was as follows:

Chairman Woffinden	**Aye**
Christine Anderson	**Aye**
Harold Dudley	**Aye**
Rod Brocious	**Aye**
Jenny Peay	**Aye**

The motion passed.

3. Hearing, review and action on amendments to Section 17.8.304 of the American Fork City Municipal Code entitled Project Streets and Sidewalks

Mr. Hunter stated that as changes are made to the city code, staff identifies house-cleaning items that aren't applicable anymore, or modifications that need to be made. With the recent TOD code changes allowing for minimal setbacks, a reduced right-or-way width doesn't have any application anymore. The identified sentences also contradict other sections of code.

Public Hearing Opened

No comments were received.

Public Hearing Closed

Ms. Anderson moved to approve the code text amendment to Section 17.8.304 Project Streets and Sidewalks.

Mr. Dudley seconded the motion. Voting was as follows:

Chairman Woffinden	**Aye**
Christine Anderson	**Aye**
Harold Dudley	**Aye**
Rod Brocious	**Aye**
Jenny Peay	**Aye**

The motion passed.

4. Hearing, review and action on amendments to Section 15.01.110 of the American Fork City Municipal Code entitled Easements

Mr. Hunter stated that this proposed amendment relates to the TOD. This is also a house-cleaning item that needs to be made consistent throughout the code for areas where there are reduced setbacks. This amendment provides for a continuous utility easement, but can be modified at the discretion of the city engineer. It will also give better clarification of when and where certain easements can exist.

Mr. Brocious clarified that if this is approved, the city engineer is granted discretion to make sure there is sufficient easement access. He feels that sometimes sufficient easement can be granted but code requirements may hold a development hostage. He approves giving engineers discretion to review.

Mr. Hunter agreed, the city engineer would need to feel comfortable with what is provided. Proposals can be reviewed on a case-by-case basis.

Mr. Dudley asks if the power and utility companies have had input on proposed changes.

Mr. Hunter indicated that utilities are included in the TRC process, staff also require a utility notification form to be signed off as a development progresses.

Mr. Dudley asked if utilities have had any input on the changes.

Mr. Hunter isn't sure, he does not think they have sent any particular special notification to the utility companies.

Mr. Dudley is very concerned, these issues can become a problem for utility companies.

Mr. Hunter reiterated that the TRC process tries to include utilities, they have the opportunity to give input at that level. The TRC review level is where utilities make their needs known.

Mr. Brocious suggested calling it a public utility easement instead of the generic easement term. Mr. Hunter agreed with that recommendation.

Mr. Dudley replied he would feel more comfortable if staff had discussed this with the utility companies beforehand. They should know that this change is being made.

Mr. Sensanbaugher clarified that standard practice is that utilities are in the front, the overwhelming majority of utility easements are in the front. This proposed change only applies to back easements.

Mr. Dudley said that he misunderstood and was concerned that we were changing all easements.

Public Hearing Opened

No comments were received.

Public Hearing Closed

Mr. Dudley moved to approve the code text amendment related to Section 15.01.1110 Easements, and recommend substituting "public utility easement" for "easement."

Ms. Anderson seconded the motion. Voting was as follows:

Chairman Woffinden	**Aye**
Christine Anderson	**Aye**
Harold Dudley	**Aye**
Rod Brocious	**Aye**
Jenny Peay	**Aye**

The motion passed.

5. Other Business

Mr. Olsen told commissioners that he is happy to have a full commission with the addition of two new commissioners. He also mentioned that the city council would like some further clarification from planning commissioners regarding architecture and building materials in the CC-1 zone.

6. Site Plan Committee Report

Mr. Olsen reviewed the items for the upcoming Planning Commission meeting to be held on Wednesday, June 16, 2021. It will be a fairly short meeting, with a zone change near the golf course and an amended plat that adjusted a property line and is requesting altered side setbacks for 3rd car garages.

7. Review and action on the minutes of the May 19, 2021 Planning Commission Regular Session

Ms. Anderson moved to recommend approval of the minutes of the May 19, 2021 Planning Commission Regular Session.

Mr. Brocious seconded the motion. Voting was as follows:

Chairman Woffinden	**Aye**
Christine Anderson	**Aye**
Harold Dudley	**Aye**
Rod Brocious	**Aye**
Jenny Peay	**Abstain**

The motion passed.

8. Adjournment

Mr. Brocious motioned to adjourn.

Ms. Peay seconded the motion. All voted in favor.

Meeting adjourned at 8:00 pm.

Lisa Halversen
Administrative Assistant