



TOWN OF COMOX

2013 STORM SYSTEM MODELING &

CAPITAL PLAN STUDY UPDATE

Final Report



MCSL FILE # 2211-47278-0

March 31, 2014

TABLE OF CONTENTS

Page #

1.0	INTRODUCTION AND BACKGROUND	1
1.1	Past Study Outcomes and Work Undertaken Since 1999	4
1.2	Objectives	6
2.0	MODEL CONVERSION FROM MIDUSS TO PCSWMM 2012 AND UPDATE TO 2013 GEOMETRY	6
3.0	MODEL INPUT PARAMETERS (DESIGN CRITERIA)	9
3.1	Design Storm Event	9
3.2	Other Model Assumptions	13
4.0	GROWTH ASSUMPTIONS – EXPECTED CHANGES IN LAND USE, SPATIAL DISTRIBUTION	15
4.1	Existing Conditions	15
4.2	Short Term Future [5 Year] Land Use Changes	15
4.3	Long Term Future [20 Year] Growth Scenario.....	18
5.0	HYDRAULIC ANALYSIS.....	20
5.1	Replacement/Upgrading Prioritization Criteria	20
5.2	Q10 Storm – Existing Conditions	20
5.2.1	MODELED DEFICIENCIES (EXISTING CONDITIONS)	24
5.3	Q10 Storm – Short Term (Five Year) Future Conditions.....	36
5.4	Q100 Storm	36
6.0	COST ESTIMATES	36
7.0	CONCLUSIONS	36
8.0	RECOMMENDATIONS.....	38

Page #

FIGURES

Figure 1 – Town of Comox Existing Storm Drainage System (2013)	2
Figure 2 - Town of Comox Catchment Areas.....	3
Figure 3 – Rainfall Distribution Comparison	10
Figure 4 – STF (5yr) Growth Nodes & Proposed Drainage Improvement Projects	17
Figure 5 - LTF (20yr) Growth Nodes & Proposed Drainage Improvement Projects	19
Figure 6 - Town of Comox Storm Pipe Replacement Priority Plan.....	23

TABLES

Table 1 - 1999 Recommended Upgrades	5
Table 2 - 1999, 2013 Model Output Comparison.....	8
Table 3 - Design Rainfall Event Comparison.....	12
Table 4 – Typical Model Input Parameters (applicable to all sub-catchments)	13
Table 5 - Recent Impervious Values - Modeled.....	14
Table 6 - Short Term (5 Year) Growth Areas	16
Table 7 - Long Term (20 year) Growth Areas	18
Table 8 - Short Listing of Identified Capacity Issues.....	22
Table 9 - Costs for Improvements (5 year).....	37

APPENDICES

Appendix A - Copy of MCSL accepted proposal dated November 20, 2012

Appendix B - Complete listing of model input parameters yet to be verified (prioritized)

Appendix C – Present Day (2013) Model Results

Appendix D – 5 Year (Short Term Future) Model Results

Appendix E – Complete Listing of Identified Capacity Issues

1.0 INTRODUCTION AND BACKGROUND

The Town has recognized the need to update its stormwater modeling, the last major effort in this regard being undertaken in 1999. The 2013 hydraulic model is based on the industry standard SWMM hydraulic modeling platform. Data from the 1999 model, prepared with MIDUSS software, was converted to PCSWMM 2012 format for use in this study. We presume Town staff is familiar with this platform, given their recent experience in conversion of sanitary sewer modeling.

The Town's piped storm drainage system has been constructed over a period in excess of 70 years. Much of this system was designed to convey stormwater flows based on smaller, more frequent rainfall events than current design standards dictate. We believe, through conversations with Town staff, most of the piped drainage system constructed before the 1980's was designed to accommodate a two year return rainfall event.

Comox subdivision bylaw and engineering standards require 'minor storm' conveyance of the 1:10 year return rainfall event. In circumstances where newly constructed storm drainage pipe diameter exceeds 750mm dia, these conduits are typically expected by the Town to accommodate a 1:100 year return flow.

The evolution of design requirements/philosophy over time, in addition to the increased rainfall intensities now being cited in the Town's IDF curves, have created a situation where risk (flood) management, has become a major consideration in managing the Town's stormwater conveyance assets. The Town has recognized this reality, and worked diligently to upgrade select system components, where the risk of flood or damage to property was deemed high. A balance is needed in deciding priorities for capital upgrading; weighing expectations as to level of service provided, or expected, with available budgets for storm drainage system renewal.

This report has been prepared based on the modified proposal submitted by MCSL to the Town on November 20, 2012, reflecting a reduced scope from that originally proposed, better aligning with Town budget allocated for this exercise. A copy of the accepted proposal has been included with this study as Appendix A.

Figure 1, overleaf, (full sized in rear pocket) indicates the extents, and existing conditions, of the project study area. **Figure 2**, double overleaf, provides a graphic representation of the major

Document Path: C:\2211 Engineering\47000 - 47999\47278\4.0 Engineering (in-house)\Report Drawings\Working Update - Feb 2014\47278-Fig1 - Existing Conditions.mxd

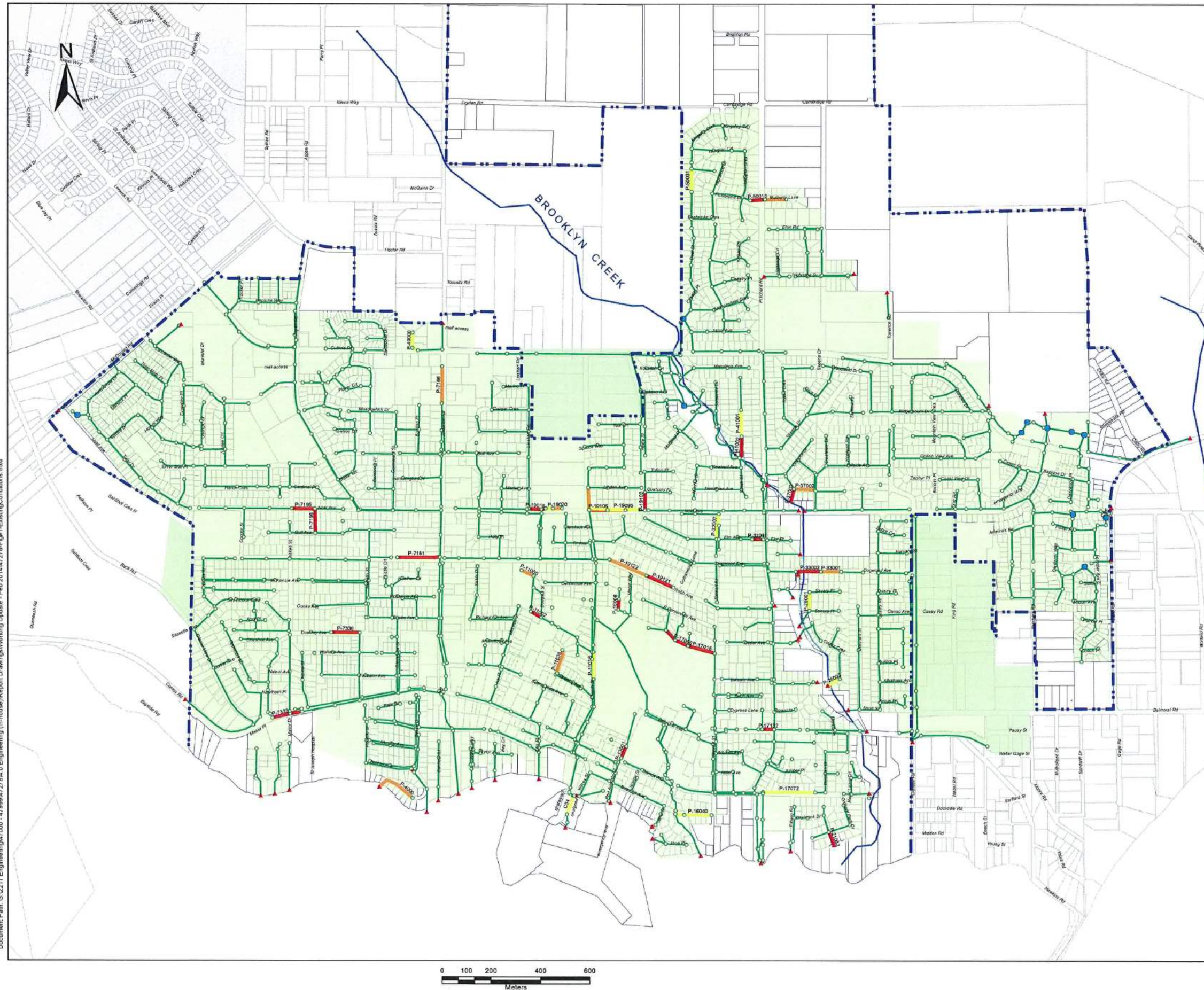


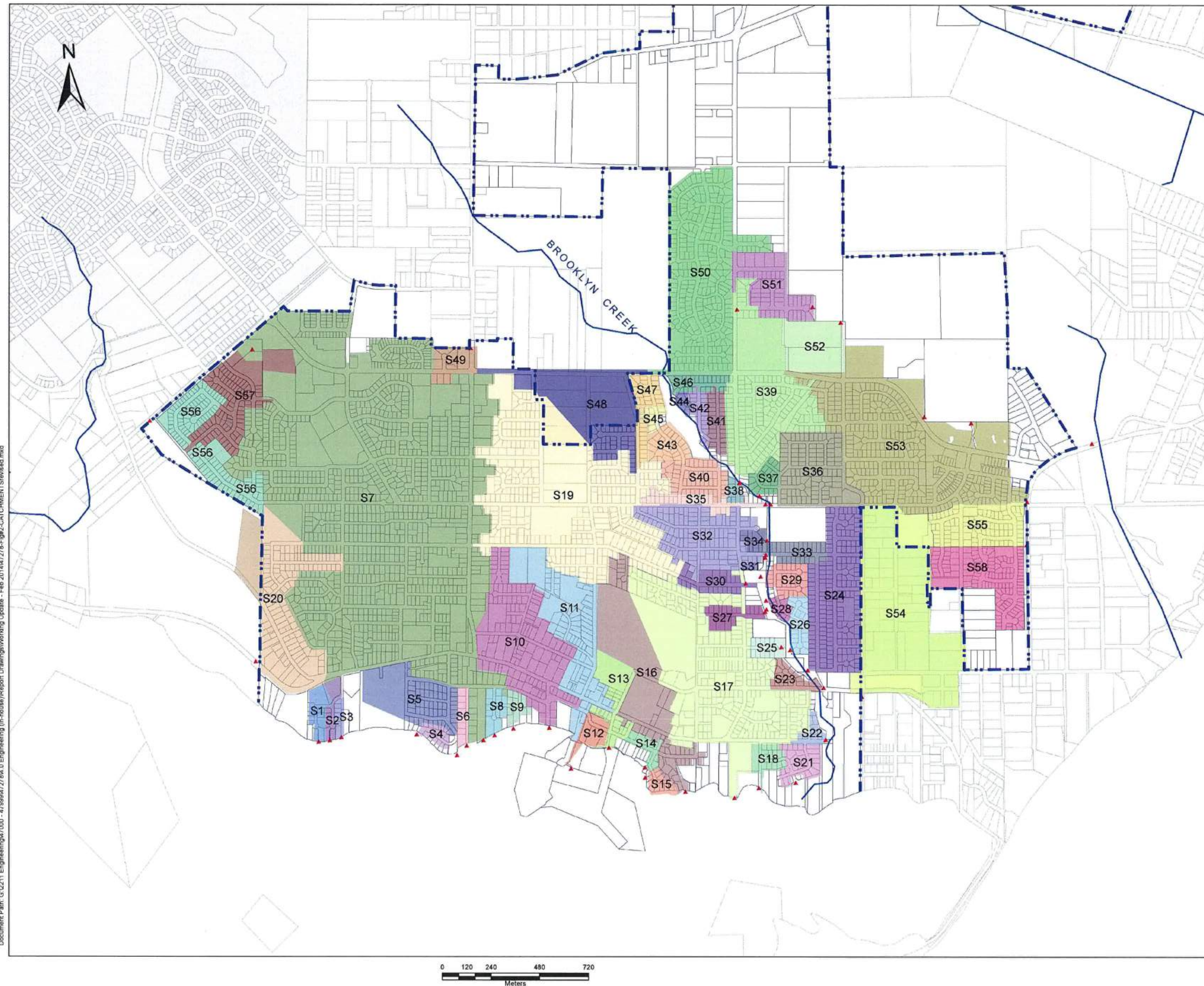
Fig - 1
Town of Comox Existing Storm
Drainage System (2013)

2013 Storm Drainage Model Update

December 20, 2013

Revision 0

Document Path: C:\2211 Engineering\47000 - 47999\47278\4.0 Engineering (in-house)\Report Drawings\Working Update - Feb 2014\47278-Fig2-CATCHMENT Revised.mxd



Legend

- Municipal Boundary
- Outfalls
- Town of Comox
- City of Courtenay
- CVRD

Fig - 2
Town of Comox
Catchment Areas

2013 Storm Drainage Model Update

February 21, 2013

Revision 0



drainage catchments, and their associated outfalls. Each of the 57 major drainage catchments shown on Figure 2 is comprised of multiple smaller subcatchments (for a total of 977 subcatchments), which have been left out for purposes of clarity.

1.1 Past Study Outcomes and Work Undertaken Since 1999

The last major effort by the Town towards development of a comprehensive drainage system hydraulic model was undertaken in 1999. This study included modeling utilizing the MIDUSS platform, verification of model output through limited in-stream flow monitoring, and development of a prioritized capital works/upgrade plan. This 1999 study has served to inform past and current development cost charge bylaws.

The 1999 report prioritized capital works into the following categories:

- Fully developed areas with storm drains undersized by more than 35%.
- Fully developed areas with storm drains undersized by less than 35% but more than 20%.
- Fully developed areas with storm drains undersized by less than 20% but more than 10%, or significantly undersized with no history of problems.
- Undersized storm drains within areas of future development/redevelopment.

We understand through discussions with Town staff that most of the highest priority projects (> 35% over capacity) have been attended to since 1999. **Table 1**, overleaf, indicates the status of the priority 1 capital replacements having been identified in the 1999 report.

Table 1 - 1999 Recommended Upgrades

Description	1999 (Koers Analysis)				
	Size	Pipe Material	Upgrade Diameter	Upgrade Complete	Comment
Rodello St. (Cooke Ave - Cooke Ave)	250	AC	300	Yes	
Cooke Ave (Rodello St. - Anderton Rd.)	600	AC		Yes	
Comox Ave (Alpine St. - Rodello St.)	200	AC	250		Twinned
Comox Ave (Rodello St. - Gladstone St.)	200	AC	250		Twinned
Richardson Ave (end of cul-de-sac - McLeod)	200	AC	300	No	
	250	AC	300	Yes	Twinned Midblock - McLeod with 150
Comox Mall (Golf Creek)	750	CMP	Twinned 750 CMP		Twinned
Comox Ave. (Comox Mall, Port Augusta St. - 160m east)	200	AC	300	Yes	
Pritchard Road (Balsam Ave - Bryant Place)			375	Yes	Upgraded to 900
Pritchard Road (Bryant Place - Balmoral Ave)	300	AC	375	Yes	Upgraded to 900
Pritchard Road (Balmoral Ave. - Comox Ave)					
<i>at Balmoral</i>	300	AC	375	Yes	Upgraded to 900
<i>20m north of Comox Ave</i>	300	AC	525	Yes	Upgraded to 1050
Balmoral Ave (Pritchard Rd. - 50 metres west)			300	No	
Stewart St. (Arbutus Ave - Comox Ave)	375	AC	450	Yes	Twinned
			450	Yes	Split flow to 450 on west side of Stewart
Comox Ave (50m west of Donovan Drive - Filberg Park)	250	AC	375	No	
Cougar Cres. (Townhouse development services - Linshart Rd)	250	AC	375	Yes	
Linshart Road (Cougar Crescent - Noel Ave)			375	Yes	
			450	Yes	
Bolt Ave (Linshart Road - Anderton Road)	200	AC	300	Yes	Upgraded to 250
Robb Ave (Mid Robb Road School - Rec centre rear access)	300	AC	375	Yes	
Dogwood Ave (Midblock - Church St.)	200	AC	250	Yes	Upgraded to 300
	250	AC	300	Yes	Upgraded to 375
McKenzie Ave (70m west of Aitken St. - 210m west)			200	Yes	Upgraded and twinned
Davis St. (Mackenzie Ave - 70m south)			300	Yes	
Davis St. (Strathcona Cres - 60m west)	150	AC	200	Yes	Upgraded to 450
Pritchard Road (Elm Ave - Dogwood Ave)	300		375	Yes	Upgraded to 900
Dogwood Ave (Pritchard Rd. - Brooklyn Creek)	450	AC	525	No	
Totem Crescent (Skeena Drive - 65m east)	300	AC	375		
Skeena Drive (Totem Crescent - Pritchard Rd.)					
<i>Totem Cres. To 110m southwest</i>	350	Steel	375	Yes	
<i>MH to Prichard Rd.</i>	350	Steel	450	Yes	
Pritchard Road (Skeena Drive - Brooklyn Creek)					
<i>Skeena - Chinook Drive</i>	400	AC	600	Yes	Upgraded to 750
<i>Brooklyn Creek Outfall</i>	400		750	Yes	Upgraded to 750
Fairbairn Ave (End of Cul-de-Sac - Rodello St.)	150	AC	200	No	
Queens Ave (Church Street - 90m west)	200	AC	200	Yes	Twinned with 300
Robb Ave (Sable Place - Valentine Lane)	200	AC	250		
Davis St. (Stormdrain through 385 Davis St.)	250	AC	375	Yes	

1.2 Objectives

The Town requires an up to date stormwater model, to assist in the on-going management of this infrastructure in recognition of Town OCP infill expectations, as well as to inform capital planning and development cost charge bylaws, moving forward. Based on this need, the following objectives have been established for this study:

1. *Conversion of the Town's existing MIDUSS model to the industry standard, PCSWMM 2012 format.* Conversion to the SWMM format will allow for more efficient future model updates, and the ability to share data between other software and management software programs (including the Town's GIS system). Include update of design criteria to suit up-to-date understanding of changes in localized rainfall distribution.
2. *Develop model scenarios for year 2013, and 5 year growth scenarios.* This information is fundamental in the development of capital works plans, and required input from senior staff as to the expected form, timing and spatial distribution of expected land uses, together with projections of resultant population growth in the municipality.
3. *Create a prioritized listing of upgrades, based on agreed rationale.* A risk management approach is recommended, as much of the Town's existing infrastructure is undersized by current design standards, and the capital replacement costs of upgrading all undersized piping, are formidable.
4. *Provide Class D cost estimates for use in the Town's financial planning.*
5. *Provide plans indicating expected areas of growth over 5 and 20 year planning horizons. Provide plan of required 5 year capital upgrading priorities, based on results of existing system capacity analysis and discussions with the Town.*

2.0 MODEL CONVERSION FROM MIDUSS TO PCSWMM 2012 AND UPDATE TO 2013 GEOMETRY

Conversion to SWMM was undertaken so as to allow for a more accurate depiction of runoff response to rainfall events than was possible using the former MIDUSS software. As it transpired, contrary to best case scenario, direct (automated) conversion of the Town's MIDUSS stormwater model to PCSWMM was not possible, due to differing output/input formats in the two software platforms. A "manual" conversation process was developed, to minimize the time

required to physically input all data necessary to replicate the 1999 model. This process generally consisted of the following steps:

- Export all 1999 model geometry (nodes/manholes, pipe lengths, diameters, catchment areas, outfalls, etc.) to an Excel based lookup table.
- Sort the lookup table to a format recognizable by PCSWMM.
- Import applicable/required data from the lookup table into PCSWMM. This data was then reviewed manually, line by line, to ensure that it matched the 1999 model. Where flow splits, parallel piping, or other atypical conduits were identified, additional clarification (through review of as-builts, Town interviews, etc.) was sought. The PCSWMM model was, at this point, essentially identical to the 1999 model in terms of its physical geometry, catchment areas, and infiltration parameters.
- A Huff second quartile storm was used in the 1999 MIDUSS model. This distribution was developed specifically for application in Illinois, however the profile generated for a second quartile storm reasonably mimics the rainfall patterns experienced in the Pacific Northwest. This distribution was re-created [for initial model calibration purposes only] in SWMM to test the 2013 model against the 1999 Town model. A comparison of peak discharge rates predicted by MIDUSS and PCSWMM, as well as in-stream recorded flow values from the 1999 report are noted in **Table 2**.

Peak runoff rates generated can vary substantially, as the calculation “engines” used by each software manufacturer (and their underlying assumptions), differ. This said, **Table 2** indicates very close correlation between the model platforms. The resulting variances in model output, as provided below, are considered inconsequential in the context of model calibration.

Table 2 - 1999, 2013 Model Output Comparison

Node	Description	1999 Recorded Flow (l/s/ha)*	MIDUSS Predicted Flow (l/s/ha)*	SWMM Predicted Flow (l/s/ha)	Rational Method (l/s/ha)
7308	Intersection of Comox Avenue and Manor Drive	7.2	9.8	10.27	15.98
10045	Ellis Street south of Beaufort Avenue	8.4	8.8	10.84	19.29
11020	Church Street at the Golf Course	5.3	higher	9.82	15.09

*Values cited from 1999 Town of Comox Storm Sewer Study.

- Update geometry in the PCSWMM model, to account for new construction/development having occurred since 1999, as well as all capital upgrade projects undertaken by the Town, post 1999. Specific field verifications were completed, so as to improve model geometric base accuracy. All nodes have been geo-referenced, based on Town supplied data, to allow for integration with the Town's GIS database.
- A number of physical model parameters required further verification. Due to budget limitation, as agreed with the Town, only the parameters deemed of "High Importance" were verified in field by McElhanney. We have included a prioritized listing of missing, or dubious data as **Appendix B**, based on the following:
 - 1 (High Importance) *(Verified in field by McElhanney)*
 - channel flow where there is a risk of overtopping
 - flow splits
 - 2 (Moderate Importance)
 - Conflicting information i.e. pipe invert/dia
 - Minor consequence
 - 3 (Low Importance) – information required for completeness
 - missing information top of run
 - minor open channel,
 - Golf Creek.

The above relative rankings are based on the expected potential impact that the missing information could have on the safe conveyance of stormwater within the network. The High Importance parameters (Priority 1) were verified in field by McElhanney, and our findings are reflected in the 2013 model results. Priority 3 items were of little consequence, from a risk management perspective. Generally, Priority 3 items consisted of nodes shown in the MIDUSS model, but not visible in Google Streetview, and manholes missing from the Town's GIS surveys. These require further field investigation, in future, in order to verify existence and/or relevance.

3.0 MODEL INPUT PARAMETERS (Design Criteria)

3.1 Design Storm Event

Past 1999 hydraulic modeling of the Town's minor storm drainage system has been undertaken utilizing the Huff second quartile rainfall distribution. The use of this rainfall distribution was rationalized based on the understanding that peak rainfall intensity generally occurs in the second quarter of a rainfall event in coast regions of British Columbia.

Four differing rainfall distributions were considered for use in the 2013 model;

- Huff second quartile
- SCS Type 1A
- Chicago Distribution
- Continuous (based on actual rainfall data collected over 42 years)

Figure 3 graphically compares the Huff, SCS, and Chicago rainfall distributions.

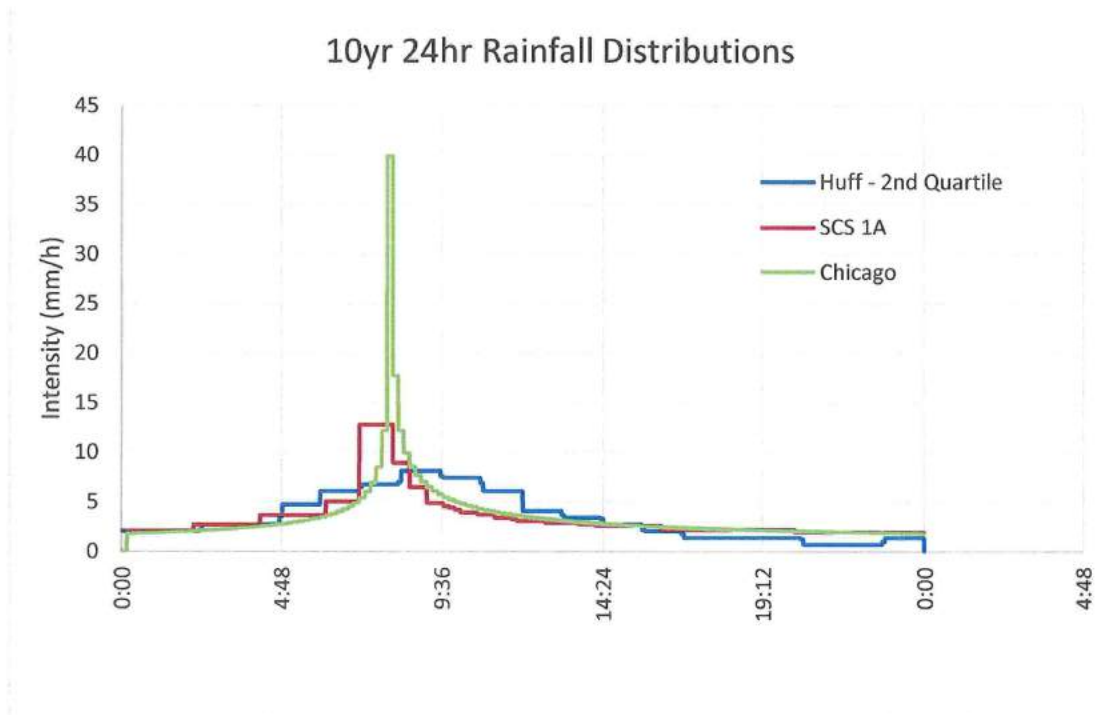


Figure 3 – Rainfall Distribution Comparison

The PCSWMM model was tested for sensitivity using each of the above four rainfall distributions, with impacts to the existing drainage system compared. The Huff distribution shares the same general shape as the more commonly utilized SCS Type 1A curve, albeit with a reduced peak intensity, and slight lag to time of peak rainfall. An SCS Type 1A hyetograph has been adopted for the 2013 model update, as this distribution was developed specifically for coastal regions of the Pacific North West. Additionally, the following comparative observations are provided:

- The Huff distribution was originally developed to mimic rainfall patterns of Illinois, USA, and is not generally utilized in the Pacific Northwest, notwithstanding past modeling undertaken by/for the Town. It is surmised that past use of the Huff distribution by the Town may have been in part due to the limited selection of hyetographs included in the MIDUSS software package.

- The Chicago distribution generates a high peak intensity, more suited to testing small system response to high intensity, very short duration rainfall events. Because of the very short “peak”, some of the potential hydraulic impacts of this storm can be ‘routed’ out, in larger systems. Typically the Chicago distribution is applied in catchments with an inlet time of less than 10 minutes, though the literature suggests it can be relevant up to and including a 24 hour time of concentration.
- The time of concentration of relevance to the Town’s trunk sewers is an hour or more, and an extended hyetograph peak is required to ensure that routing/pipe attenuation, does not occur (past actual storms in the late 1990s exhibited peak rainfall intensity duration of this magnitude). The SCS Type 1 storm more realistically models expected peak intensities occurring continuously over this 1 to 2 hour duration.
- The Town is moving towards a water balance approach to stormwater management. Continuous, extended period modeling is required, in a water balance simulation. For purposes of this study, however, the concepts of ‘major’ and ‘minor’ discrete storm events are applicable and of relevance, suitable for purposes of assessing the relative magnitude of existing system deficiencies. By contrast, the method of continuous simulation does not efficiently provide verification of existing system capacity.

Table 3 - Design Rainfall Event Comparison

DESIGN Storm	Derivation	Limitations	Recommended Use
10 year Chicago Distribution	Synthetic distribution	-Peak rainfall intensity must be established. - Based on 24 hour rainfall volume. - Correct selection of variables "A, B, &C" is required. -Short duration storm event, not appropriate for very large catchments (>100km²) where time of concentration is greater than 24 hours.	-Conduit sizing and conveyance system capacity analysis for extreme rainfall events.
10 Year SCS (Type 1A)	Synthetic distribution	-Is a 24 hr. distribution, thus peak rainfall intensity is much lower than IDF values for a short duration event. - Type 1A distributions are typically accepted as the appropriate rainfall pattern for coastal BC, but should be evaluated on a site by site basis for consistency with local conditions. -Short duration storm event, not appropriate for very large catchments (>100km²), or BMP modeling, other than peak runoff rate attenuation.	-Design/verification of some BMPs, particularly detention ponds. -Existing conveyance system capacity analysis -New system design.
10 Year Huff Second Quartile	Synthetic distribution	- Based on rainfall patterns recorded in Illinois. Not generally used for Canadian West Coast.	-Existing system conveyance capacity - Design/verification of some BMPs, particularly detention ponds.

3.2 Other Model Assumptions

Beyond rainfall distributions/design storm events, a number of model parameters were updated to more closely reflect localized watershed conditions and the requirements of the SWMM software. **Table 4** compares primary input parameters utilized in the 1999 and 2013 models.

Table 4 – Typical Model Input Parameters (applicable to all sub-catchments)

Model Input Parameter	Changed (Y/N)	1999 Model Input	2013 Model Input
X/Y Coordinates	Y	Based on Town ACAD mapping	Geo-referenced based on Town data
Rain Gauge	Y	Huff Second Quartile	SCS Type 1A
24 hr. Rainfall Depth (IDF)	Y	Current in 1999	Current in 2013
Sub catchment Area	N	Varies	Unchanged
Width	N	Varies	Unchanged
% Slope	N	Varies	Unchanged
% Impervious	N	Varies	Unchanged
Manning's N-Impervious	N	0.01	Unchanged
Manning's N-Pervious	N	0.1	Unchanged
Depression Storage Depth - Impervious	Y	0.5	2
Depression Storage Depth - Pervious	Y	3.1	4.5
% Zero Impervious	N	N/A	25
Subarea Routed	Y	Triangular	OUTLET
Percent Routed	Y	Triangular	100%
Infiltration Method	N	Curve Number (75)	Curve Number (75)
Groundwater Flow Pattern	N	Unchanged	Unchanged

* The above input parameters have been applied to all 997 model subcatchments. Parameters marked "Varies" indicate where catchment-specific information has been used.

Where land use[s] remains unchanged from 1999, the percent impervious used to model specific existing development conditions have been carried forward from the 1999 MIDUSS models. Modeling of land use changes, having occurred since 1999 model preparation, have been incorporated. **Table 5** summarizes percent impervious (theoretical) by general land use. Where reasonably predictable, actual percent impervious for new development in the Town has been input to the model. Depression storage values for impervious and pervious areas are based on typical, tabulated values for Impervious Surfaces (1.3mm – 2.5mm), and Lawns (2.5mm – 5.0mm), respectively.

Table 5 - Recent Impervious Values - Modeled

Land Use	Percent Impervious*
Single Family Housing	30%
Duplex/Triplex	45%
Comprehensive Development	50%
Commercial	90%
Light Industrial	90%
Multi/Single Family	30%
Multi-Family (General)	70%
Multi-Family (Low Density)	50%
Multi- Family (Medium Density)	65%
Public Assembly, Institutional	35%
Parks or Golf Course	5%
Marine Plaza Area	90%
Minor Road	50%
Major Road	70%

*Roadway and private property percent pervious are input discretely (or blended prorata based on area) within each catchment area). I.e., the percent impervious utilized in a single family neighborhood is the weighted average of percent impervious for roadways and single family homes, based on area.

4.0 GROWTH ASSUMPTIONS – EXPECTED CHANGES IN LAND USE, SPATIAL DISTRIBUTION

4.1 Existing Conditions

Present day land use, and more importantly here, percentage of overall impervious ground cover, has been determined through interpretation of the current zoning bylaw, discussions with Town staff, and field review/site inspection. This data was used to update 1999 land use assumptions to reflect present day conditions. The assumptions regarding present day, short, and long term future growth made in this report are consistent with those utilized and presented in the 2013 Town of Comox Sanitary Sewer Study.

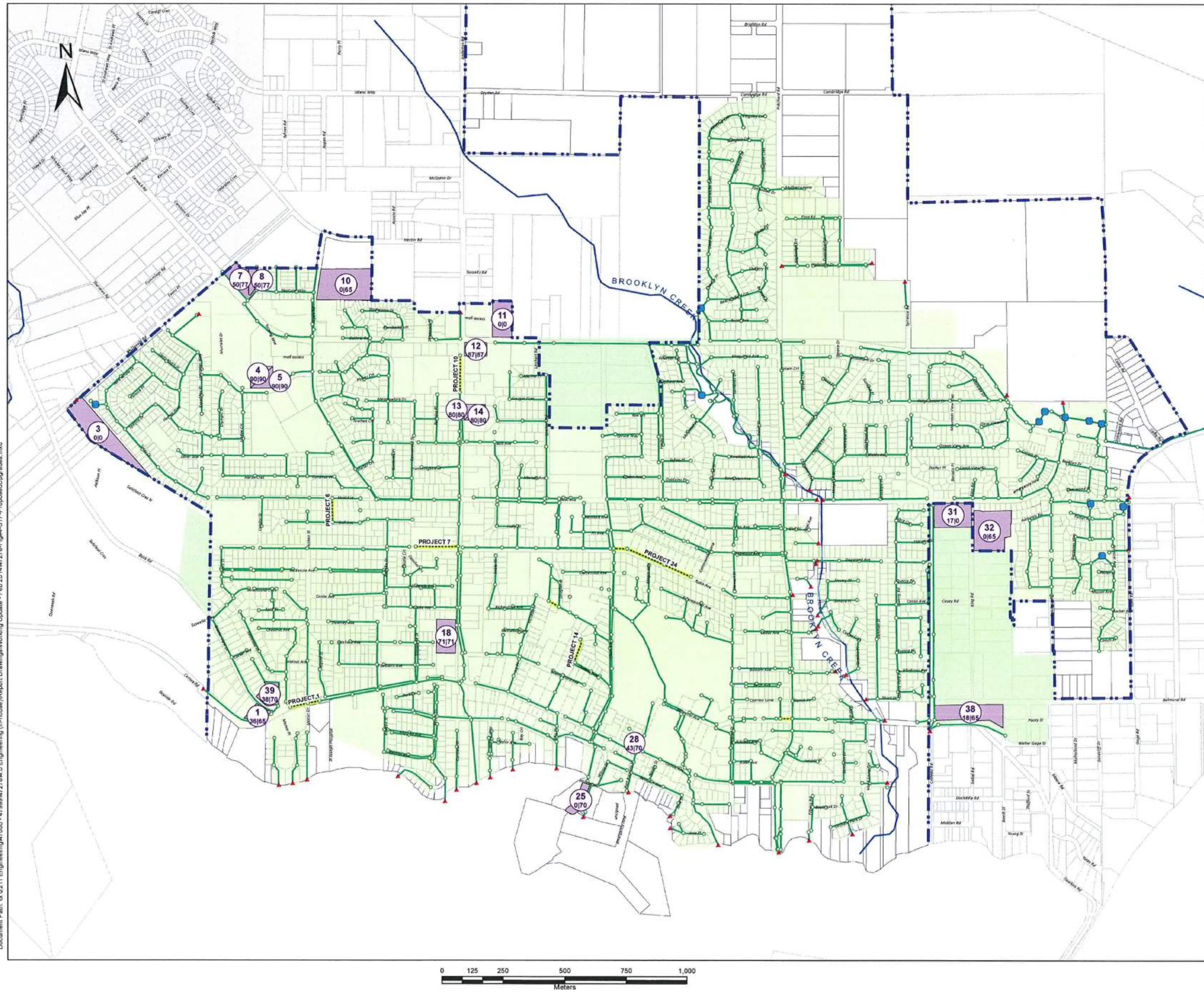
4.2 Short Term Future [5 Year] Land Use Changes

The short term future (STF) horizon has been set as a 5 year period, to late 2018. Five years is a sufficiently short planning horizon as to allow reasonable assuredness of development growth, and is consistent with the Town's rolling five year capital planning process. **Table 6**, overleaf, contains model input parameters related to land use changes expected within the short term future. **Figure 4**, double overleaf, indicates the locations of these changes. Note that infill densification, largely through increased use of secondary suites, is not expected to change the overall percent impervious of single family areas within the Town.

Table 6 - Short Term (5 Year) Growth Areas

Area ID	Civic Address	Description	Future Zoning	Existing Percent Impervious	Proposed Percent Impervious	Area (ha)
1	221 Glacier View Dr	Townhouse/MF	RM 2.2	36	65	0.38
3	1651 McDonald Rd	Single Family	R 1.1	n/a	n/a	2.52
4	2200 Murrelet	GF Commercial	C	90	90	0.40
5	2200 Murrelet	65 Apartments	CD	90	90	0.41
7	2310 Guthrie	Commercial	C	50	77	0.86
8	2310 Guthrie	Single Family	RM 2.2	50	77	0.30
10	800 Aspen	Townhouse/MF	RM 2.2	n/a	65	2.71
11	1966 Guthrie - HV Ph3	Mixed Use	I	-	-	1.18
12	700 Anderton	Commercial	C	87	87	0.50
13	618 Anderton	GF Commercial	C	80	80	0.28
14	618 Anderton	2 story Res	RM 3.2	80	80	0.28
18	335 Anderton	Townhouse/MF	RM 2.2	71	71	1.07
25	1805 Wilcox	3 story Res	RM 3.2	n/a	70	0.46
27	1770 Comox	GF Commercial	C	43	70	0.13
28	1770 Comox	3 story Res	RM 3.2	43	70	0.13
31	1375 Noel	Townhouse/MF	RM 2.2	17	n/a	1.50
38	202 Hawkins	Townhouse/MF	RM 2.2	18	65	1.85
39	2240 Comox Ave.	Townhouse/MF	RM 3.2	38	70	0.64

Document Path: G:\2111 Engineering\47000 - 47999\47278\4.0 Engineering (in-house)\Report Drawings\Working Update - Feb 2014\47278-Fig4-STF-Proposed\Upgrades.mxd



Legend

- Municipal Boundary
- Ponds
- ▲ Outfalls
- Manholes
- Existing Drainage Pipe
- - - Proposed 5yr Project
- STF Growth Nodes
- Storm Model Limits
- Town of Comox
- City of Courtenay
- CVRD

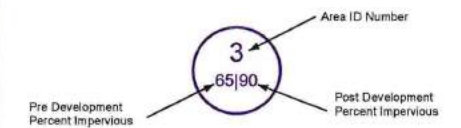


Fig - 4
STF (5yr) Growth Nodes
and Proposed Drainage
Improvement Projects

2013 Storm Drainage Model Update

December 20, 2013

Revision 0

McElhanney



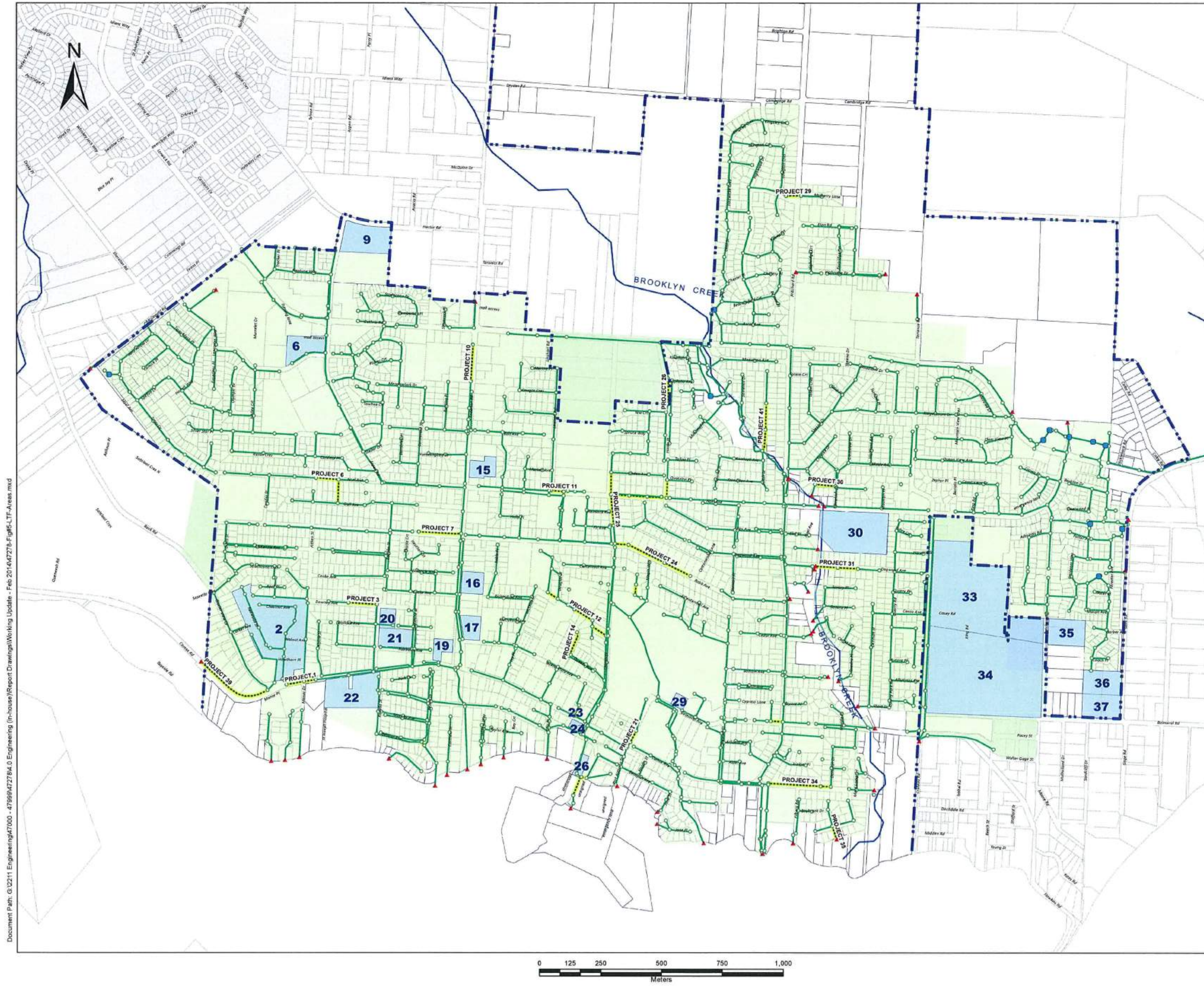
4.3 Long Term Future [20 Year] Growth Scenario

The 20 year Long Term Future (LTF) land use assumptions provided herein are, by definition, only a rough approximation. These projections have been made based on consultation with senior staff and review of the 2011 Official Community Plan. Long term growth areas and locations are indicated in **Table 7** and reflected on **Figure 5**, overleaf.

Per the terms of this study, no modeling of the 20 year growth scenario has been completed.

Table 7 - Long Term (20 year) Growth Areas

Area ID	Civic Address	Description	Future Zoning	Existing Percent Impervious	Proposed Percent Impervious	Area (ha)
2	Redwood/Chestnut/Walnut	Townhouse/MF	RM 2.2	50		7.41
6	695 Aspen	5 story Institution	I	80		1.28
9	900 Aspen	Apartments	RM 3.2	n/a		2.24
15	528 Anderton	Townhouse/MF	RM 2.2	67		0.83
16	368/382 Anderton	Townhouse/MF	RM 2.2	34		0.81
17	1984 Buena Vista	Townhouse/MF	RM 2.2	56		0.74
19	2026 Comox Ave	Townhouse/MF	RM 2.2	75		0.54
20	2085 Wallace	Townhouse/MF	RM 2.2	38		1.02
21	2085 Wallace	Commercial	C	39		0.50
22	Hospital Re-development	4 story Apartment	RM 3.2	36		2.77
23	1825 Comox Ave	GF Commercial	C	75		0.20
24	1825 Comox Ave	3 story Res	RM 3.2	75		0.20
26	1823 Beaufort	4 story Hotel	I	90		0.31
29	1700 Balmoral	40 Apartments	CD	80		0.28
30	1475 Noel	Townhouse/MF	RM 2.2	n/a		4.50
33	King / Casey	Single Family w/sec	R 2.1	14		11.41
34	King / Lazo	Townhouse/MF	RM 2.2	14		15.44



Legend

- Municipal Boundary
- Ponds
- ▲ Outfalls
- Manholes
- Existing Drainage Pipe
- 5 yr and Future Projects
- LTF Growth Nodes
- Storm Model Limits
- Town of Comox
- City of Courtenay
- CVRD

Fig - 5
LTF (20yr) Growth Nodes
and Proposed Drainage
Improvement Projects

2013 Storm Drainage Model Update

December 20, 2013

Revision 0



5.0 HYDRAULIC ANALYSIS

5.1 Replacement/Upgrading Prioritization Criteria

Much of the Town's stormwater conveyance system has been designed based on historic engineering standards and climatic data that are no longer applicable. It was, for many years, acceptable to design stormwater conveyance infrastructure to accommodate two, or five year return rainfall events. Over time, engineering standards have evolved, based on current science and changing expectation from municipal service customers. For example, occasionally wet basements occurred in the past; these were accepted as a condition of having below-grade living space.

The Town must now decide how to manage customer expectations, risk and resultant financial implications. The Town must decide how to prioritize the upgrading of existing, aged infrastructure that does not meet current design standards (nearly always at great expense to the taxpayer), while also managing the risk associated with periodic flooding, and/or a reduced level of service to ratepayers. Other municipalities, recognizing high costs of replacing all undersized/non-conforming stormwater infrastructure, have established risk tolerance thresholds to inform their infrastructure planning/replacement processes.

The 1999 report established a series of priorities and upgrading categories, based, at that time, on Town Public Works staff understanding of system behavior during extreme rainfall events. Section 1.1 of this report recalls this past, 'tiered' approach. The Town has now largely completed most of the priority 1 (>35% full) upgrades noted in the 1999 report. Refinement of capital works planning priorities, moving forward, will likely become more subjective, (notwithstanding some new, high priority areas resulting from more recent land development, increased storm intensities, etc.).

5.2 Q10 Storm – Existing Conditions

Attached as **Appendix E** is a listing of all sections of pipe within the Town's stormwater collection system that have been determined through hydraulic modeling to be at greater than 110% capacity, (hydraulic grade line is modeled to be above the top of the pipe) or with surcharge greater than 0.3m above crown, based on existing geometry and land use. Many lengths of pipe noted in this section are indicated as having insufficient capacity only because of cumulative

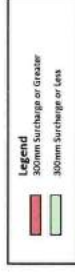
surcharge resulting from downstream capacity issues. This idea is more clearly illustrated by comparing the number of pipes in excess of 110% capacity (or with noted surcharge), with the list of recommended, required pipe upgrades (columns “max depth of surcharge” and “proposed pipe size”).

Table 8, overleaf, summarizes and prioritizes the upgrade requirements listed in Appendix E. This list has been refined with information provided by City Public Works regarding problematic areas, and areas with no history of problems. The proposed projects in **Table 8** have been separated into three categories:

1. Replacement Recommended (5 year plan),
2. Notation of deficiencies to be Retained as Guidance to Future Upgrades, and
3. Replacement Not Warranted.

Projects falling in Category 1 have been listed in order of greatest anticipated surcharge. Further prioritization of works, including the potential for indefinite deferral of some projects, and the cost benefit ratio of improvements, should be discussed with Town operations staff. **Figure 6**, double overleaf, offers a graphic representation of the **Table 8**.

Table 8 - Short List of Identified Capacity Issues



Project Ref #	Location Description	Pipe Description				Max. Pipe Capacity (L/s)	Length (m)	Existing System Condition		Proposed Pipe Upgrades		Comments	
		Node 1	Node 2	Conduit (mm)	Existing Diameter (mm)			Slope	Mixed Flow (L/s)	Existing Percent Full	Max depth of surcharge over crown at inlet or outlet (m)		Proposed Pipe Size (mm)
REPLACEMENT RECOMMENDED - 5 YEAR PLAN (In order of greatest anticipated surcharge)													
7b	Robb Rd. (West of Anderson Rd.)	7181	7180	P-7181	200	0.8%	175.2	49.4	14.7%	1.80	250	81%	No history of problems, however upgrade recommended for inclusion in Robb Road upgrades.
10	Anderson Rd. (Buthrie to Robb)	7166	7167	P-7166	300	2.0%	150.5	97.4	13.2%	1.71	375	75%	Recommend removing 300 CMP and replacing with 375 RPVC
6	Need Ave. (Cul-de-sac to Condoir St.)	7196	7198	P-7196	300	0.5%	97.8	126.7	18.5%	1.70	600	36%	Half of this line has been upgraded to 600. Upgrade to the remainder of the line is recommended
1	Comox Ave. (Atkins St. to Rodolfo St.)	7109	7125	P-7109	300	0.9%	49.9	381.3	200%	1.31	525	67%	Upgrade recommended
1	Comox Ave. (Atkins St. to Rodolfo St.)	7108	7109	P-7108	300	1.0%	11.9	96.8	102%	1.16	350	83%	
1	Comox Ave. (Atkins St. to Rodolfo St.)	7123	7108	P-7123	300	0.9%	78.7	124.7	13.4%	1.41	375	90%	
24	Robb Ave. (Cottonwood Lane to Church St.)	19121	19122	P-19121	200	1.0%	119.7	45.1	14.1%	1.35	375	30%	Upgrade of this line to be added to Robb Road design
24	Robb Ave. (Cottonwood Lane to Church St.)	19122	19123	P-19122	300	0.7%	166.2	102.1	12.8%	1.25	375	80%	
24	Robb Ave. (Cottonwood Lane to Church St.)	19123	19120	P-19123	300	1.5%	55.5	116.5	99%	0.38	375	62%	
24	Robb Ave. (Cottonwood Lane to Church St.)	19120	19086	P-19120	300	3.9%	15.0	213.3	11.2%	0.25	375	73%	
12	Robb Rd. School to Douglas St.	11002	11003	P-11002	200	0.5%	48.5	70.0	25.5%	1.35	375	70%	History of flooding in this area is limited to standing water in the area around manhole 11001. Replacement of pipe P-11002 can be completed in tandem with the planned extension of water system along this same alignment.
14	Queens Avenue (Cul-de-sac to Church St.)	11010	123	P-11010	150	1.6%	98.4	24.1	12.6%	1.26	200	73%	No history of problems, but replacement recommended to accommodate development. Consideration to be given, however, to recently paved road surfaces.
15	Beach Drive (Beaton Dr. to outfall)	5008	5027	P-5008	300	1.0%	18.3	198.5	200%	0.66	450	68%	Upgrade recommended. Note that the point of connection at manhole 17127 has already been upgraded to 300mm
33	Balmoral Ave. (Pritchard Rd. to Elm west)	17132	17127	P-17132	200	0.5%	48.9	38.6	17.2%	0.40	300	58%	
NOTATION OF DEFICIENCIES TO BE RETAINED, AS GUIDANCE TO FUTURE UPGRADES													
38	Glacier View Drive (West of Comox Ave)	20022	20030	P-20022	350	2.8%	290.2	230.6	95%	0.00	-	99%	No history of problems. However, P-20030 is at capacity with proposed 5yr build out. Upgrade of this pipe is recommended with any further development within catchment 520.
39	Glacier View Drive (West of Comox Ave)	20030	20050	P-20030	350	3.6%	330.3	276.8	103%	Outfall	450	57%	
39	Glacier View Drive (West of Comox Ave)	20040	20030	P-20040	300	2.3%	42.9	146.8	25%	0.00	-	25%	A history of surcharging does exist in this area. Upon further field investigation, it was observed that these pipes are in fact 150mm diameter, which significantly increased surcharge levels. MHFE's are noted to be below modeled HGL. Monitoring of this area is advised.
41	Salish St. (North of Kwakwaka Ave.)	41001	41002	P-41001	150	1.0%	107.9	18.3	11.7%	1.82	300	53%	No history of problems, deficiency retained to lend guidance to future upgrades.
41	Salish St. (North of Kwakwaka Ave.)	41002	12	P-41002	150	0.6%	89.9	22.8	18.8%	1.69	450	27%	No history of problems, deficiency retained to lend guidance to future upgrades.
42	Elm Ave. (East of Pritchard)	12031	12184	P-12031	300	0.5%	45.8	121.1	17.7%	0.43	375	98%	No history of problems with the exception of a short term pool of water within the swale immediately north of the sidewalk. Not currently deemed a concern, deficiency retained to lend guidance to future upgrades. P-19020 is known to be undersized.
11	Need Ave. (Unshart to Church St.)	19018	19018	P-19017	450	2.5%	81.7	308.4	58%	0.71	-	58%	No history of problems, deficiency retained to lend guidance to future upgrades.
11	Need Ave. (Unshart to Church St.)	19018	19019	P-19018	400	0.6%	51.2	312.8	18.7%	0.76	525	90%	
11	Need Ave. (Unshart to Church St.)	19020	19021	P-19020	150	1.1%	37.6	18.9	32.2%	0.38	-	122%	
11	Need Ave. (Unshart to Church St.)	19021	19022	P-19021	200	0.6%	29.3	33.5	11.5%	0.17	-	115%	
11	Need Ave. (Unshart to Church St.)	19022	19019	P-19022	200	0.6%	17.6	28.8	14.3%	0.09	250	79%	
12	Robb Rd. School to Douglas St.	11010	11011	P-11010	375	1.0%	86.1	0.0	#DIV/0!	0.36	450	77%	No history of problems, no upgrade recommended unless problem arise.
12	Robb Rd. School to Douglas St.	11011	11012	P-11011	375	2.4%	25.7	305.9	75%	0.00	-	87%	
12	Robb Rd. School to Douglas St.	11012	11015	P-11012	375	1.2%	67.5	277.3	108%	0.00	450	77%	
3	Downey Avenue (Atkins St. to Rodolfo St.)	7195	7196	P-7195	300	2.7%	81.1	27.1	51%	1.26	-	51%	No history of problems, deficiency retained to lend guidance to future upgrades.
3	Downey Avenue (Atkins St. to Rodolfo St.)	7196	7197	P-7196	300	1.3%	116.3	52.0	13.8%	1.26	250	89%	
6	Need Ave. (Cul-de-sac to Condoir St.)	7192	7194	P-7192	250	5.5%	104.1	139.3	66%	1.75	-	67%	No history of problems, deficiency retained to lend guidance to future upgrades.
6	Need Ave. (Cul-de-sac to Condoir St.)	7194	7195	P-7194	250	3.5%	89.6	111.2	100%	1.79	-	100%	
6	Need Ave. (Cul-de-sac to Condoir St.)	7195	7196	P-7195	300	0.8%	93.0	74.8	14.0%	1.24	375	93%	
18	Comox Ave. (Buena Vista to Church St.)	11035	11036	P-11035	150	1.0%	99.3	15.2	10.1%	0.00	-	101%	P-11035 has been upgraded, however the future re-development of 850 Comox Ave should include replacement of this main with a 200 line in a more appropriate alignment.
21	Port Augusta St. (Golf course to Comox Ave)	13001	13001	P-13001	200	1.0%	135.5	32.8	95%	1.75	-	95%	No history of problems - surcharge eliminated with replacement of P-13001
21	Port Augusta St. (Golf course to Comox Ave)	13001	13002	P-13001	200	0.6%	52.6	40.4	15.9%	0.83	250	81%	No history of problems, however replacement of P-13001 could be made a condition of development for the Lotme site.
23	Mein Way (back yards to golf course)	16005	16006	P-16005	100	1.9%	40.5	8.8	10.4%	1.20	-	103%	No history of problems, deficiency retained to lend guidance to future upgrades.
23	Mein Way (back yards to golf course)	16006	16007	P-16006	100	1.9%	43.3	8.4	15.5%	1.15	150	52%	

Table 8 - Short List of Identified Capacity Issues



Project Ref #	Location Description	Pipe Description			Existing System Condition			Proposed Pipe Upgrades			Comments
		Node 1	Node 2	Conduit	Existing Diameter (mm)	Length (m)	Max. Pipe Capacity (L/s)	Model Flow (L/s)	Existing Percent Full	Max. depth of surcharge over existing ground (m)	
25a	Toleno-Haida-Neel to Church St.	19100	19101	P-19100	250	116.7	25.6	25.1	98%	2.02	No history of flooding exists in this area. Field investigation noted very few catchbasins in this area. It is presumed that water is simply exiting the piped system, and instead flowing overland to the fields at the base of Linden Ave. This area should be monitored. Deficiencies related to lend guidance to future upgrades. A field investigation of MHFE's was conducted. Existing MHFE's are generally below modified HGL.
25a	Toleno-Haida-Neel to Church St.	19101	19102	P-19101	250	83.0	26.8	25.7	111%	2.02	
25a	Toleno-Haida-Neel to Church St.	19102	19104	P-19102	250	73.7	24.5	42.9	175%	1.16	
25a	Toleno-Haida-Neel to Church St.	19104	19105	P-19104	250	80.0	65.8	64.1	97%	0.71	
25a	Toleno-Haida-Neel to Church St.	19105	19106	P-19105	200	1.0%	74.6	46.7	122%	0.76	
25a	Toleno-Haida-Neel to Church St.	19106	19094	P-19106	200	1.1%	34.6	47.1	136%	0.98	
25a	Toleno-Haida-Neel to Church St.	19094	19107	P-19094	300	3.6%	127.3	185.0	101%	1.22	
25a	Toleno-Haida-Neel to Church St.	19103	19102	P-19103	200	0.8%	35.5	19.9	56%	1.13	
25b	Linden Ave-Church St. to Neel Ave	19090	19091	P-19090	250	0.3%	42.0	40.3	96%	1.57	No history of flooding exists in this area. Field investigation noted very few catchbasins in this area. It is presumed that water is simply not entering the piped system, and instead flowing overland to the fields at the base of Linden Ave. This area should be monitored. Deficiencies related to lend guidance to future upgrades. A field investigation of MHFE's was conducted. Existing MHFE's are generally below modified HGL. Upgrades to be completed in conjunction with Church St. upgrade.
25b	Linden Ave-Church St. to Neel Ave	19091	19092	P-19091	250	0.6%	75.1	47.4	74%	1.55	
25b	Linden Ave-Church St. to Neel Ave	19092	19093	P-19092	250	0.8%	80.0	52.2	100%	1.60	
25b	Linden Ave-Church St. to Neel Ave	19093	19094	P-19093	250	3.2%	106.3	129.4	122%	1.57	
25b	Linden Ave-Church St. to Neel Ave	19094	19107	P-19094	300	3.6%	127.3	185.0	101%	1.22	
26	Mulberry Lane (Cul-de-sac to Pritchard Rd.)	50015	50016	P-50015	200	0.4%	24.5	30.1	123%	0.80	No history of problems, deficiency retained to lend guidance to future upgrades.
29	Mulberry Lane (Cul-de-sac to Pritchard Rd.)	50016	50017	P-50016	200	0.4%	24.5	41.5	169%	0.69	
30a	Nimphak-Chilcote (Hillside to Chinook)	37001	37002	P-37001	200	5.0%	67.7	55.3	21%	0.93	No history of problems. This item to remain to provide guidance towards future storm system upgrades.
30a	Nimphak-Chilcote (Hillside to Chinook)	37002	37003	P-37002	200	0.5%	84.4	23.2	126%	0.93	
30a	Nimphak-Chilcote (Hillside to Chinook)	37003	37003	P-37003	200	1.9%	48.6	45.4	131%	Creek	
30a	Nimphak-Chilcote (Hillside to Chinook)	37005	37003	P-37005	200	0.5%	61.1	16.2	70%	0.66	
31	Dogwood Ave (Dennan to Brooklyn Creek)	33000	33001	P-33000	200	0.8%	89.6	24.2	82%	1.80	This item to remain to provide guidance towards future storm system upgrades.
31	Dogwood Ave (Dennan to Brooklyn Creek)	33001	33002	P-33001	200	0.8%	82.6	38.2	119%	1.80	
31	Dogwood Ave (Dennan to Brooklyn Creek)	33002	33003	P-33002	200	0.8%	91.0	60.2	154%	Creek	
34	Dennan Place to Connex Ave	17070	17069	P-17070	200	0.9%	56.5	14.0	38%	0.94	
34	Dennan Place to Connex Ave	17069	17071	P-17069	250	2.5%	76.7	62.4	56%	1.76	
34	Dennan Place to Connex Ave	17071	17072	P-17071	200	0.9%	42.0	63.6	98%	1.85	
34	Dennan Place to Connex Ave	17072	17061	P-17072	250	1.3%	213.7	74.2	112%	1.35	
34	Dennan Place to Connex Ave	17068	17069	P-17068	250	2.4%	87.9	48.5	41%	0.94	
20	Wilcox Street (Readford Av. to outfall)	12000	12001	P-12000	200	1.0%	84.5	18.2	56%	1.51	No history of flooding. MHFE's in this area are above modified HGL.
20	Wilcox Street (Readford Av. to outfall)	12001	12002	P-12001	200	1.0%	106.1	32.0	98%	1.51	
20	Wilcox Street (Readford Av. to outfall)	12002	113	P-12002	200	1.0%	21.3	54.3	165%	1.26	
20	Wilcox Street (Readford Av. to outfall)	113	112	C56	200	0.3%	10.0	22.8	44%	0.00	
20	Wilcox Street (Readford Av. to outfall)	112	111	C54	250	1.0%	80.7	1302.7	256%	0.89	
35	Orchard Park Drive and Baybrook Drive	21011	21002	P-21011	200	2.5%	90.8	37.3	72%	0.00	No history of flooding, and no upgrade recommended at this time. This item to remain to provide guidance towards future storm system upgrades.
35	Orchard Park Drive and Baybrook Drive	21005	21002	P-21005	200	2.5%	72.4	8.7	38%	0.00	
35	Orchard Park Drive and Baybrook Drive	21001	21002	P-21001	200	2.5%	70.1	22.8	44%	0.00	
35	Orchard Park Drive and Baybrook Drive	21002	21015	P-21002	250	0.5%	57.4	68.7	52%	Outfall	
33	Belmont Ave. (Pritchard Rd. to 55m west)	17130	17131	P-17130	200	1.0%	51.5	15.3	47%	0.33	Replacement of P-17132 eliminates surcharge in this pipe.
33	Belmont Ave. (Pritchard Rd. to 55m west)	17131	17132	P-17131	200	1.0%	15.3	23.0	71%	0.40	Replacement of P-17132 eliminates surcharge in this pipe.
15	Beach Drive (Beaton Dr. to outfall)	5017	5022	P-5017	300	1.0%	72.9	58.8	61%	0.46	Replacement of P-5006 eliminates surcharge
15	Beach Drive (Beaton Dr. to outfall)	5022	5026	P-5022	300	2.5%	14.9	76.9	50%	0.66	Replacement of P-5006 eliminates surcharge
6	Neel Ave. (Cul-de-sac to Condon St.)	7107	7106	P-7107	250	0.4%	114.6	36.4	92%	1.75	Replacement of P-7106 eliminates surcharge

REPLACEMENT NOT WARRANTED (NO HISTORY OF PROBLEMS/LOW RISK AREA)

9	Stamrock Place (Cul-de-sac to Guthrie Rd.)	48000	48001	P-48000	200	0.5%	62.4	35.9	119%	0.56	No history of problems, deficiency retained to lend guidance to future upgrades.
7	Connex Ave. (Atkins St. to Rosello St.)	7332	7329	P-7332	200	3.0%	215.5	62.1	109%	1.26	No history of problems
8	Olympic Drive (Control MH between Spittire and Olympic Dr.)	1136	1137	C183	375	8.5%	27.1	24.8	4%	1.45	
16	Beatonfield Ave. (20m east Willis Way to 40m west)	7020	7018	P-7020	200	1.0%	131.7	27.8	85%	1.80	No history of flooding
28	Beatonfield Ave. (Cul-de-sac to storage unit)	50065	50066	P-50065	250	1.3%	45.3	40.2	82%	0.31	No history of problems, deficiency retained to lend guidance to future upgrades.
22	Golf Course (Georgia Court To Stewart St.)	17001	17002	P-17001	200	4.6%	81.6	46.9	67%	1.83	Open grades and flat grades permit the access runoff to pool onto the golf course resulting in no meaningful damage. No further upgrades are recommended
22	Golf Course (Georgia Court To Stewart St.)	17002	17006	P-17002	250	0.2%	55.5	47.6	195%	1.78	
22	Golf Course (Georgia Court To Stewart St.)	17006	17015	P-17006	250	0.2%	57.1	58.7	237%	1.75	
22	Golf Course (Georgia Court To Stewart St.)	17015	17020	P-17015	250	0.1%	112.3	67.2	314%	1.75	
22	Golf Course (Georgia Court To Stewart St.)	17020	17021	P-17020	200	4.0%	53.2	41.4	63%	0.89	
22	Golf Course (Georgia Court To Stewart St.)	17020	17025	P-17020	250	3.2%	104.6	106.1	101%	0.41	

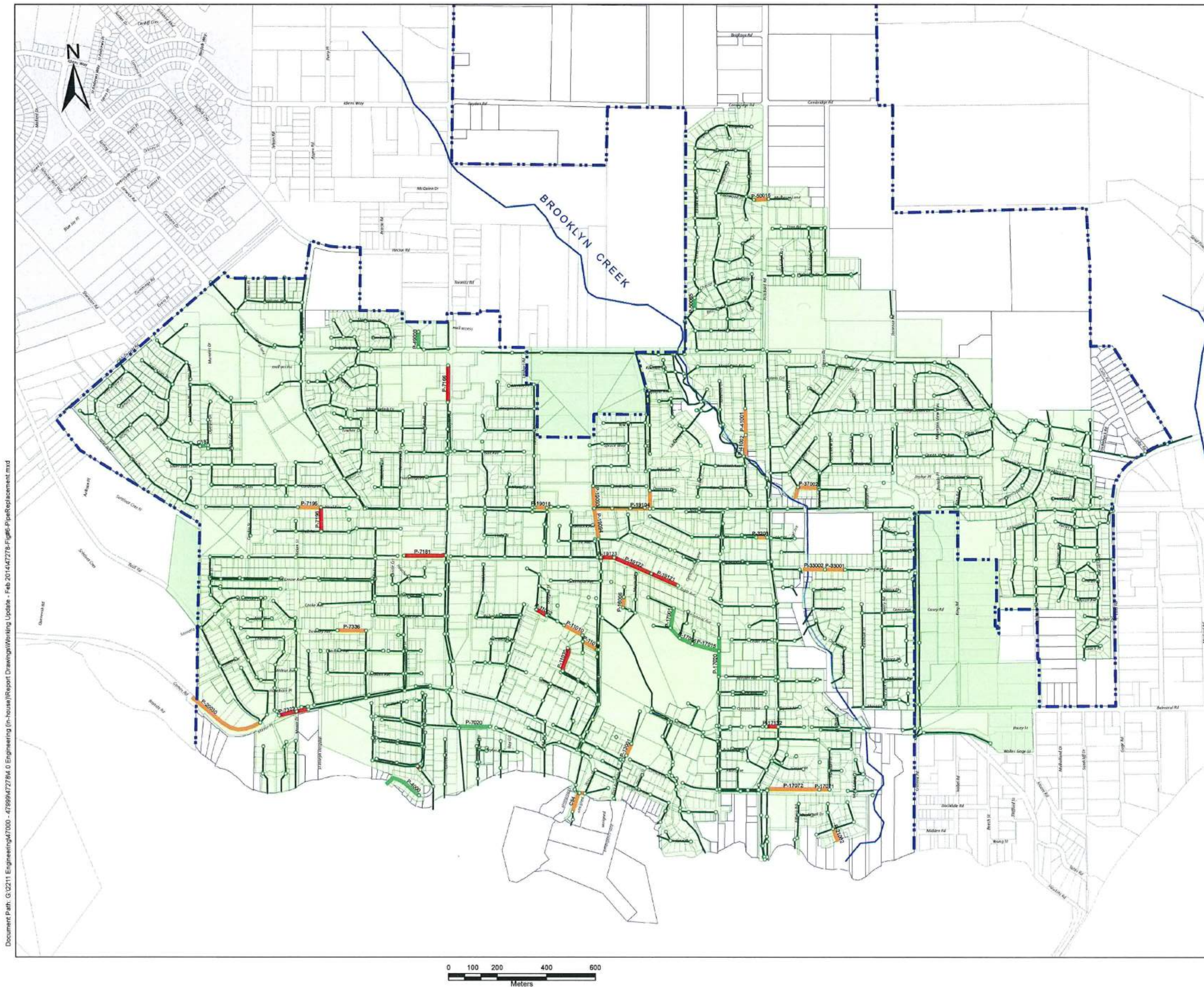


Fig - 6
Town of Comox Storm Pipe
Replacement Priority Plan

2013 Storm Drainage Model Update

February 21, 2013

Revision 0

5.2.1 Modeled Deficiencies (Existing conditions)

Figure 1 (which follows page 1) indicates the locations of all noted existing capacity issues. **Table 8**, previous page, summarizes required pipe upgrades noted in this section.

1. Comox Ave. (Aitken St. to 50m east of Manor Dr.)

Two existing 300mm diameter pipes on Comox Ave. (P-7323 and P-7309) run west at a 0.9% slope, and have a capacity of 93.1 l/s and 90.7 l/s respectively. These pipes collect runoff from the Aitken St. PMQ's up to Strathcona Crescent. Conduits P-7323 and P-7309 are undersized by 55% and 100% respectively, and a surcharge of approximately 1.35m is predicted.

Conduit P-7308 is currently undersized by only 2%, however replacement in conjunction with pipes P-7323 and P-7309 is recommended to accommodate future build-out of the PMQ site.

The existing 200mm diameter pipe from Alpine St. to Rodello St. (P-7332) is undersized by 9%, however it was noted in the 1999 study as having no history of problems.

Recommendation: Replace conduits P-7323, P-7309, and P-7308 with 375mm, 525mm, and 350mm diameter pipes respectively.

2. Fairbairn Ave. (cul-de-sac to Rodello St.)

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

3. Downey Ave. (Aitken St. to Rodello St.)

It was noted in the 1998 storm report that although the 200mm diameter main on Downey Ave. between Aitken St. and Rodello St. (P-7336) is over capacity, there have been no history of problems in the area. This is likely due to the fact that properties on the south of Downey Ave. are not currently connected to the main.

Recommendation: Monitor conduit P-7336 for future upgrade consideration. No upgrade warranted at this time.

4. Gull Ave. (cul-de-sac to Aitkin St.)

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

5. McKenzie Ave. (Rodello St. to 230m West)

Modeling indicates that a short run of 200mm diameter pipe at the intersection of McKenzie Ave. and Rodello St. is over capacity by 8% (P-7228). This pipe is not located in a critical area; no upgrades are recommended at this time.

Recommendation: Monitor pipe P-7228 for consideration for future replacement. No upgrades warranted at this time.

6. Noel Ave. (cul-de-Sac to 115m west of Aitken)

This series of storm drains collects Noel Ave. runoff from Tudor Dr. to Aspen Rd. This runoff is conveyed south to Gull Ave., through a 300mm diameter storm drain situated between Noel Ave. Lots 2165 and 2173. Modeling shows surcharged conditions for five pipes in this series; P-7197, P-7192, P-7194, P-7195, and P-7196. The first three pipes noted are 250mm diameter, while P-7195 is 300mm, and P-7196 leaves Gull Avenue as a 600mm diameter, and reduces to 300mm prior to reaching Noel Avenue. All five pipes are displaying surcharge levels of 1.5m to 1.8m above crown. It was noted in the 1998 Koers study, and confirmed recently by the Town, that although storm drains P-7195 and P-7196 are significantly undersized, no history of problems exist in the area. As the other three storm drains P-7192, P-7194, and P-7196 are within the same linkage, it has been assumed that all five pipes noted above have no history of problems.

Recommendation: Upgrade remainder of P-7196 from 300mm to 600mm diameter. Monitor remainder of linkage and consider upgrading P-7195 from 300mm to 375mm should problems arise.

- 7.
- a. **Supplementary information from the Town has eliminated the problems in this area. No upgrades required.**
 - b. Robb Rd. (west of Anderton Rd.)

This 175m length of 200mm diameter pipe (P-7181) collects runoff from a 1.8ha catchment consisting of single and multi-family developments. Modeling indicates a maximum surcharge depth of 1.8m above crown, and that this pipe is undersized by 47%. The recommended pipe size is 250mm diameter.

Recommendation: Upgrade P-7181 in conjunction with Robb Road upgrades.

8. Olympic Dr. (Control MH between Spitfire and Olympic Dr.)

Supplementary information from the Town has clarified that no problems exist in this area. No upgrades required.

9. Shamrock Place (cul-de-sac to Guthrie Rd.)

This storm drain collects water from the commercially zoned Shamrock Place cul-de-sac, and from three commercial lots on the south side of Guthrie Road. The 200mm diameter pipe, P-49000, is showing surcharge levels of 0.65m, and is undersized by 19%. This area has no history of problems.

Recommendation: Monitor pipe P-49000, retain deficiency to lend guidance to future upgrades.

10. Anderton Rd. (Guthrie to Bolt)

The south flowing Anderton Rd. storm drain begins just south of Guthrie Rd. The land use tributary to the run of pipe between Guthrie and Bolt is a combination of commercial, single family, and multi-family. It begins as a 300mm diameter pipe, increases to 375, and finally to 450mm diameter as it reaches Bolt Ave. The model indicates two undersized pipes in this run: P-7166 and P-7169_1, 300mm and 450mm diameter respectively. P-7166 is undersized by 32%, and surcharged 1.71m. P-7169_1 is undersized by only 4% with no surcharge over pipe crown. No history of flooding is

evident in this area, however commercial and multi-family development slated for this area could increase stress on this system.

Recommendation: Remove 300mm CMP P-7166 and replace with 375mm dia. PVC

11. Noel Ave. (Linshart to Church St.)

This portion of the Noel Ave. storm drain, P-19022, begins midblock between Linshart and Church. It collects stormwater from the firehall and from the forested park, and travels west 85m to Junction 19019, where it merges with runoff from Linshart Road. This runoff is then conveyed across Noel Ave., and through the playing fields to Robb Ave. Modeling shows that four pipes in this area are at or above capacity, with surcharge levels of 0.09m to 0.76m, this includes conduit P-19020 serves Village Park school, which is known to be undersized. It is our understanding that some runoff within the forested park does not enter the storm system, but instead settles in a short term pool of water within the swale immediately north of the sidewalk. Should future upgrades to the park include installation of a drainage system directly connected to the town storm system, replacement of conduits P-19018 (400mm diameter) and P-19022 (200mm diameter) with 525mm diameter and 250mm diameter conduits respectively would be recommended, however, the current pooling is not deemed a concern.

Recommendation: Retain this deficiency for future consideration.

12. Robb Road School to Douglas St.

Storm runoff from Robb Road School and playing fields is collected by 200mm diameter storm drain P-11000, and conveyed east through single and multi-family development areas to Church Street. Modeling indicates that conduit P-11002 is undersized by 27%. Flooding in this area has been recorded, however it appears to be limited to standing water in the area around manhole 11001. Surcharge of 0.53m was also noted in conduits P-11011, and P-11012.

Recommendations: Upgrade conduit P-11002 to 375mm diameter, in conjunction with planned water expansion along the same alignment. Monitor conduits P-11011 and P-11012 for future upgrade.

13. Richardson Ave. (end of cul-de-sac)

**Supplementary information from the Town has eliminated the problems in this area.
No upgrades required.**

14. Queens Ave. (cul-de-sac to Church St.)

150mm diameter storm drain P-11030 collects runoff from the single family development around Queens Ave. Modeling indicates that this conduit is undersized by 26%, and surcharges 1.26m above crown.

Recommendation: Upgrade conduit P-11030 to 200mm diameter, in conjunction with general improvements to Queens Street.

15. Beach Dr. (Beaton Dr. to outfall)

This 300mm diameter storm drain system collects runoff from single family residential developments on Beaufort Ave., Murphy Ave., Beaton Ave., and Beach Dr. At the corner of Beaton Ave. and Beach Dr., the conduit merges with runoff from Rodello St., prior to discharge into Comox Marina. Modeling shows max surcharge levels of 0.38m, 0.67m, and 0.67m in conduits P-5017, P-5022, and P-5006 respectively. Additionally, pipe P-5006 is over capacity by 100%.

Recommendation: Replace 300mm diameter conduit P-5006 with 450mm diameter conduit, to accommodate development. This will eliminate surcharge in all three above noted conduits.

16. Beaufort Ave. (20m east of Willis Way to 40m west)

Conduit P-7020 collects runoff from 1.3ha of single family development. This storm drain ties into an 1800mm wide box culvert that crosses under Beaufort Ave., and discharges into an outfall ditch beside Port Augusta Park. Modeling indicates a surcharge of 1.8m in conduit P-7020, however, the conduit is not undersized, and no history of flooding in the area has been noted.

Recommendation: No upgrades recommended at this time. Monitor for future consideration.

17. Comox Ave. (Ellis St. to 350m west)

**Supplementary information from the Town has eliminated the problems in this area.
No upgrades required.**

18. Comox Ave. (Buena Vista to Church St.)

**Supplementary information from the Town has eliminated the problems in this area.
No upgrades required.**

19. Church St. (Queens Ave. to 225m north)

**Supplementary information from the Town has eliminated the problems in this area.
No upgrades required.**

20. Wilcox St. (Beaufort Ave. to outfall)

Approximately 31m of 200mm diameter storm sewers leading to the outfall on Wilcox Ave., P-12002 and C56, are modeled at 168% and 256% capacity. There is, however, no history of flooding in this area, MHFEs of adjacent buildings have been surveyed and are noted to be well above the modeled HGL.

Recommendation: Upgrades not recommended. Deficiency to be retained for future consideration.

21. Port Augusta St. (Golf course to Comox Ave.)

This 200mm diameter storm drain collects runoff from 2.7ha of the Comox Golf Course. Modeling shows surcharge of 1.76m and 0.81m above the crown of conduits P-13000 and P-13001 respectively, and conduit P-13001 is 59% under capacity. It was noted in the 1998 storm study that although the conduits in this linkage show significant surcharge, there is no history of problems in this area.

Recommendation: Replacement of conduit P-13001 with 250mm diameter to be made a condition of the Lorne site re-development.

22.

a. Golf Course (Georgia Court to Stewart St.)

This network of conduits collects runoff from East Centennial Ave, Georgia

Court, and Fairway Court. These conduits run east to Stewart St. along the north boundary of the Comox Golf Course. Though modeling indicates that 250mm diameter pipes P-17002, P-17006, and P-17015 are over capacity by 95%, 137%, and 214% respectively, no history of problems has been documented in the area. Pipe P-17001 runs through Georgia Court at a 5% slope, and connects to the above mentioned golf course linkage. This conduit is not undersized, however modeling shows it is surcharged by 1.83m.

Recommendation: No upgrades recommended at this time. Retain deficiency for future consideration.

b. Stewart St. (North of Balsam Ave.)

This Stewart St. storm drain collects runoff from the “22a” catchment described above. The 200mm and 250mm diameter pipes, P-17022 and P-17020, are showing surcharge levels of 0.88m and 0.83m respectively. As above, no history of problems has been noted in this area.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency for future consideration.

23. Megin Way (backyards to golf course)

This 100mm diameter storm drain services the single family development on Megin Way, and conveys runoff south to the Comox Golf Course. Conduit P-16006 is undersized by 55%, however no problems have been noted in this area.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency for future consideration.

24. Robb Ave. (Cottonwood Lane to Church St.)

This storm drain services the single family development on Robb Ave, east of Church St. Robb Ave. conduits P-19121 and P-19122 are undersized by 42% and 32% respectively, and show a surcharge of 1.35m and 1.25m. Modeling indicates that downstream pipes P-19123 and P-19120 are surcharged by 0.38m and 0.37m respectively.

**Recommendation: Upgrade recommended in conjunction with Robb Road design.
Recommended size for all four conduits is 375mm diameter.**

25.

a. Tofino-Haida-Noel to Church St.

This storm linkage collects runoff from Tofino Place, Quatsino Place, and out to Church St. Eight links in this network are showing surcharge levels of 0.71m to 2.12m, and five pipes are undersized by 1% to 36%. Haida St. conduits P-19102, and P-19104 are sloped at only 0.13%. Though the model considers this area to be thoroughly undersized, and some MHFEs have been measured below modeled HGL, no problems have been recorded. A possible contributing factor to the discrepancy between modeled results and actual observation could be the relatively few catch basins in the area. It is possible that some surface runoff is simply not entering the system. Rather, it is believed to be making its way overland to the farmland west of Linden Ave. Should upgrades be considered in the future, recommended pipe size for conduits P-19102, P-19104, P-19105, and P-19106 is 375mm diameter, and the recommended pipe size for conduit P-19094 is 450mm diameter.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency for future consideration. This deficiency should be reviewed in conjunction with any development in this area.

b. Linden Ave to Church St. to Noel Ave.

This 250mm diameter storm drain collects runoff from the single family development of Linden Ave, and conveys it to Church St. where it merges with flow from the Tofino-Haida-Noel catchment noted above. This linkage consists of five conduits all surcharged by 1.22m to 1.60m. As above, no history of problems exists on Linden Ave (even though some MHFEs are below modeled HGL), and a similar conclusion to that of catchment 25a is drawn: Some surface flow is not presently entering the piped system. Should future upgrades be considered, conduit P-19093 should be replaced with 375mm diameter, and P19094 with 450mm diameter conduit.

Recommendation: Upgrades to P-19093 and P-19094 recommended in conjunction with any upgrades to Church Street. Until such time, this deficiency should be reviewed in conjunction with any development in this area.

26. Haida St. to Capilano Ave. to Nootka St. to Brooklyn Creek

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

28. Beaconfield Court cul-de-sac to storage unit

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

29. Mulberry Lane (Cul-de-sac to Prichard Rd.)

This 200mm diameter storm drain collects runoff from the 1.4ha of single family development on Mulberry Lane. Conduit P-50016 is undersized by 69%, however no history of flooding has been recorded in this area.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency for future consideration.

30.

a. Nimpkish-Chilcotin (Hillside to Chinook)

This series of 200mm diameter storm drains collects runoff from single family developments on Nimpkish St., and Chilcotin Crescent. These conduits discharge to Brooklyn Creek through P-37003, a 200mm diameter pipe at 0.5% slope. This pipe is undersized by 96%. Flooding complaints have been received from Chilcotin Crescent, however they are limited to Brooklyn Creek itself.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency for future consideration.

b. Nimpkish St. (Hillside to Noel Ave.)

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

31. Dogwood Ave. (Denman to Brooklyn Creek)

This storm drain collects runoff from 3ha of single family development on Dogwood Ave., and discharges directly into Brooklyn Creek. Though modeling indicates that the 200mm diameter pipe series experiences surcharge levels of 1.8m, previous studies and Town staff observations have noted no history of problems in this area.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency to provide guidance towards future system upgrades

32. Quarry Road (Sabre Court to Short St.)

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

33. Balmoral Ave. (Pritchard Rd. to 65m west)

This short line of 200mm diameter storm drain collects runoff from single and multifamily development on the north side of Balmoral Ave., as well as from some single family lots on Birch Ave. Modeling indicates conduit P-17132 is undersized by 72%. Recommended pipe size is 300mm diameter. This was identified in 1998 as a problem area, and the point of connection at manhole 17127 has already been upgraded to a 300mm PVC connection in anticipation of this upgrade.

Recommendation: Upgrade of pipe P-17132 to 300mm diameter recommended

34. Donovan Place, to Donovan Dr., to Comox Ave.

This storm drain conveys runoff from Donovan Place to Comox Ave. at Filberg Park. Modeling indicates surcharge depths of 0.71m to 1.85m for conduits P-17068 to P-17072. However, no history of flooding has been recorded for this area.

Recommendation: No upgrades warranted without evidence of actual problems. Monitor area, and retain deficiency to provide guidance towards future system upgrades

35. Orchard Park Dr. and Baybrook Dr.

This series of pipes conveys runoff from 3.2ha of single family development to the marina outfall. All runoff from this area is conveyed through 200mm diameter conduit P-21002, which modeling indicates is 64% undersized. The Town has indicated no history of flooding in this area, possibly due to the depth of these mains.

Recommendation: No upgrades recommended at this time. Monitor area, and retain deficiency to provide guidance towards future system upgrades

39. Glacier View Dr. (west of Comox Ave.)

This storm drain accepts runoff from 14.5ha of single family residential development east of Glacier View Dr., south of Robb Ave., and west of Redwood St. Conduits P-20022 and P-20030 are near capacity at 5yr build out, and while the Town has indicated no history of problems in this area, upgrading of P-20030 should be considered should any further development be considered within catchment S20.

Recommendation: Upgrade of P-20030 recommended with any long term upgrades within catchment S20.

40. Strathcona Crescent (East of Davis St.)

Supplementary information from the Town has eliminated the problems in this area. No upgrades required.

41. Salish St. (North of Kwakiutl Ave.)

This storm drain collects runoff from 2.8ha of single family residential on Salish St. and discharges into Brooklyn Creek. Modeling indicates some surcharging in conduits P-41001 and P-41002, however past reports indicate no history of problems in this area. Field MHFE measurements were taken, and compared to the modeled HGL. MHFEs were noted to be below modeled hydraulic grade line.

Recommendation: Monitor area. Retain deficiency for future consideration.

42. Elm Ave. (East of Pritchard)

This 300mm diameter storm drain collects runoff from 5.5ha of single family residential on Elm St. and discharges into the Pritchard Rd. main. Modeling indicates that conduit P-32031 is undersized by 77%, resulting in a 1.77m surcharge. This is largely the result of the shallow slope of this length of pipe (0.6%). An upgrade from 300mm diameter to 375mm diameter would eliminate the surcharge in conduit P-32031, however, no history of problems has been documented for this area.

Recommendation: Monitor area. Retain deficiency for future consideration.

The listing of upgrades identified in the 1999 study has not been explicitly compared to the findings of the current study, for a number of reasons:

- Percent full (used to rank pipe replacements in 1999), is not the preferred method of prioritizing pipe upgrading. This criterion, though indicative of potential replacement need, does not necessarily correlate to system overflow/flooding, and therefore “risk”. We believe a more appropriate hydraulic metric for evaluating conveyance system shortcomings is **anticipated surcharge**. Surcharge, or the depth of backwater over the crown of pipe, is much more useful in identifying areas where flooding or damage to private property could result.
- Nearly all of the highest priority capital projects identified in 1999 (pipes at greater than 135% full), have been replaced. Remaining projects have been given less priority, based on specific input received by Public Works.
- The Town’s 2013 stormwater model was prepared based on a different software platform, utilizing updated rainfall intensities and different rainfall distributions. The output from this model is, therefore, expected to vary from the 1999 study. However, the intent is a more close approximation between modeled simulations and actual system response to design storms.
- The Town has had the benefit of roughly 14 years to monitor and reflect upon the lower priority capital projects identified in 1999. This operational experience and understanding of the system is invaluable in prioritizing works.

5.3 Q10 Storm – Short Term (Five Year) Future Conditions

A short term future model has been created to test the effects of land use changes expected within the five year horizon, against model geometry (updated to reflect required short term/current improvements, identified in the preceding section). The addition of the 5 year growth nodes to the existing model does not have a significant impact on the existing storm system. Existing system conditions vs. 5yr growth conditions can be compared in Appendix E – Complete Listing of Identified Capacity Issues.

5.4 Q100 Storm

A detailed Q100 analysis has not been included in this abbreviated study.

6.0 COST ESTIMATES

Class D construction cost estimates have been prepared for each of the nine short-term improvement projects identified on Table 8. These estimates indicate the scope and magnitude of costs associated with each respective upgrade, and are based on all inclusive, unit rate costing. **Table 9**, overleaf, summarizes all costs for 5 year improvements identified on Table 8. Pipe replacement projects are ranked based on depth of surcharge, from greatest depth to least depth.

7.0 CONCLUSIONS

- The existing town MIDUSS model has been successfully converted to PCSWMM, and the results of the new model correlate well to past model results. The new SWMM format is compatible with the Town's GIS system, and will allow for more efficient future model updates.

Table 9 - Costs for Improvements (5 year projects)

Drainage Improvements - Replace Critical "Full" Pipes Only (Prioritized by Surcharge)

Project Ref. #	Location Description	Project by		Node 2	Conduit	Existing diameter	Slope	Proposed Pipe Size	Construction Location	Length	Unit Cost	Project Cost	Project Cost + 15% Eng + 30% Cont	
		Pipe	Node 1											
7b	Robb Rd. (West of Anderton Rd.)	7b	7181	7180	P-7181	200	0.8%	250	Roadway	175.15	\$ 445	\$ 77,942	\$	113,016
10	Anderton Rd. (Guthrie to Bolt)	10	7166	7167	P-7166	300	2.0%	375	Roadway	150.5	\$ 455	\$ 68,478	\$	99,292
6	Noel Ave. (Cul-de-sac to Condor)	6	7196	7198	P-7196	300	0.5%	600	Roadway	97.8	\$ 620	\$ 60,636	\$	87,922
1	Comox Ave. (Aitken St. to Rodello St.)	1	7323	7309	P-7323	300	0.9%	375	Roadway	73.7	\$ 455	\$ 33,534	\$	48,624
		1	7309	7325	P-7309	300	0.9%	450	Roadway	49.87	\$ 545	\$ 27,179	\$	39,410
		24	19121	19122	P-19121	200	1.0%	375	Roadway	119.7	\$ 455	\$ 54,464	\$	78,972
24	Robb Ave. (Cottonwood Lane to Church St.)	24	19122	19123	P-19122	300	0.7%	375	Roadway	166.2	\$ 455	\$ 75,621	\$	109,650
		24	19123	19120	P-19123	300	1.5%	375	Roadway	55.49	\$ 455	\$ 25,248	\$	36,610
		24	19120	19086	P-19120	300	3.9%	375	Roadway	14.97	\$ 455	\$ 6,811	\$	9,876
		12	11002	11003	P-11002	200	0.5%	375	Roadway	48.52	\$ 455	\$ 22,077	\$	32,011
14	Queens Avenue (Cul-de-Sac to Church St.)	14	11030	J23	P-11030	150	1.6%	200	Roadway	98.42	\$ 435	\$ 42,813	\$	62,078
15	Beach Drive (Beaton Dr. to outfall)	15	5006	5027	P-5006	300	1.0%	450	Roadway	18.32	\$ 545	\$ 9,984	\$	14,477
33	Balmoral Ave. (Pritchard Rd. to 65m west)	33	17132	17127	P-17132	200	0.5%	300	Roadway	48.91	\$ 445	\$ 21,765	\$	31,559
													Total	\$ 763,498

- Much of the Town storm system was designed to convey stormwater flows based on smaller rainfall events than current design standards dictate. However, diligent repair of key system components have ensured that the Town's system continues to function with little operational difficulty. The majority of the high priority projects identified in the 1999 study have been attended to by the Town.
- Nine (9) short term upgrade projects, and 21 future projects, have been identified in the 2013 study, and are listed in **Table 8**. This list has been generated based on pipe capacity exceeding 110%, or surcharge values of greater than 0.3m above crown, and refined through discussions with the Town. Prioritization of short term (5yr) projects is based solely on surcharge level, and should be reviewed by Town staff.
- The cost for improvement for the nine short term (5yr) upgrade projects is estimated at \$764,000.00 (rounded).

8.0 RECOMMENDATIONS

- An in-stream monitoring program should be undertaken by the Town to verify model operation and results are as expected. Further, and ideally, ongoing calibration of the model is highly recommended, particularly in catchments where system improvements of a lower priority are called for.
- Assessment of spatially specific infiltration capabilities should be undertaken, to allow for more accurate determination of the differing resultant runoff rates by sub-catchment. This data could be used, in future, if it were decided to adopt continuous simulation modeling for use in predicting overall Town capital upgrading requirements.
- Evaluate the realistic expected impacts of climate change on the stormwater system, within the remaining serviceable lifespan of this infrastructure. The median climate change model prepared by the Pacific Institute for Climate Change suggests that peak rainfall intensities could increase by up to 12% by 2050. This is not inconsequential; if

increases of this magnitude are realized, the effects on the storm drainage system could be profound. Update models, over time, accordingly.

- Develop and adopt into bylaw a suite of Best Management Practices (BMPs) and water balance inspired guidelines informed by the water balance philosophy, to reduce the impacts of land development on the piped drainage system, and to mitigate the impacts of discharging stormwater into sensitive receiving environments.
- Address floodplain issues, including review of all affected areas to ensure adequate building setbacks are in place, with allowance for climate change related impacts (sea level rise, increased “flashy” creek flow, etc.)
- Undertake a thorough review of major Town outfall locations and watercourses, and engage in periodic maintenance, to ensure they remain serviceable, over time. Points of discharge into neighboring jurisdictions (Komox Indian Reserve, Electoral Area A) should be periodically inspected,
- Periodically monitor and record the discharge rates emanating from Town controlled stormwater systems, to ensure the Town is not unduly exposed to liability resulting from suspected increasing rates of stormwater discharge.
- The operation and function of major stormwater detention facilities within the Town’s system should be reviewed, to ensure operation continues as expected. Many, perhaps all, of the Town’s detention ponds have been designed to attenuate a two year return rainfall event. This criterion should be reviewed by the Town and, potentially, adjusted.
- A review of Q100 overland flood routing should be undertaken. The 1999 study identified 14 known locations of nuisance flooding during Q100 rainfall events. The status of 1999 recommended upgrades is not known with certainty.
- This study should be updated every five years, or as development or changing design standards dictate.



APPENDIX A
MCSL PROPOSAL FOR CIVIL ENGINEERING SERVICES
TOWN OF COMOX
STORM SYSTEM MODELING & CAPITAL PLAN STUDY
UPDATE
November 20, 2012

November 20, 2012

Our File: 2211-47278-0

Town of Comox
1809 Beaufort Avenue
Comox, BC V9M 1R9

Attention: Ms. Shelley Ashfield, P. Eng.

Dear Madam:

**PROPOSAL FOR CIVIL ENGINEERING SERVICES
TOWN OF COMOX
STORM SYSTEM MODELING & CAPITAL PLAN STUDY UPDATE**

INTRODUCTION/BACKGROUND

This is further to recent meetings and the resulting proposal to the Town of Comox dated October 10th, 2012, pertaining to stormwater system computer modeling and capital planning assistance. We understand the Town wishes to curtail the scope of work to some degree, bringing the total project budget closer to \$25,000. We have endeavored to achieve this, whilst preserving the fundamental elements of the originally agreed scope of effort.

As discussed, the more sophisticated SWMM modelling platform planned to be utilized offers a number of advantages to the Town. Not the least of these are output results which better depict actual operating conditions and, in our experience, lead to a reduction in apparent need for system component replacement, at least on grounds of capacity shortfall.

This very brief proposal is intended to demonstrate our understanding of the Town's stormwater capital planning and budgeting needs as well as a continuation of the exceptional value which McElhanney has always strived to provide to the Town. Our local presence and long standing staff will allow us to attend to this project very efficiently and effectively.

TEAM EXPERIENCE / QUALIFICATIONS

McElhanney has a great deal of experience with this software and in stormwater modeling generally. Coupled with our extensive local knowledge and long standing relationship with the Town of Comox, we believe we are uniquely qualified to undertake this work for the Town. We have undertaken a large number of stormwater servicing studies pertaining to lands within the Town of Comox and have assisted the Town over the recent past with major stormwater capital project implementation, such as in the

Page 1 of 3



Brooklyn Creek watershed (modeling and design of community based detention pond, creek diversion structure and large diameter shunt to the ocean) and major system upgrading along Anderton Road to "Indian Creek".

In addition, through our local office, we have assisted neighbouring City of Courtenay with its development of stormwater management standards and BMPs, prepared numerous LAP area stormwater management studies and authored overall City stormwater modeling/capital plans.

Beyond this, we have a depth of talent and experience represented in our 16 offices in Western Canada, with technical practice leads and technical excellence committees operating in each of the civil discipline(s).

We are intimately familiar with environmental regulations and standards, with professional environmental consulting capability in-house.

We have not appended specific resumes, presuming the Town is completely familiar with our local staff and their respective experience and capabilities. This said, we would be happy to forward resumes, if the Town desires.

SCOPE OF WORK AND FEE BUDGET

Based on recent discussions with Town staff, it is not believed necessary to outline key issues and success factors related to this assignment. We believe the Town is fully cognizant of our ability to perform in the intended role and to deliver to suit the Town's needs. It is understood, based on recent e-mail correspondence with the Town, that consultant selection will be based on fees, on the presumption that consultants having been afforded the opportunity to bid on this assignment are equally qualified and the expected deliverables are to be essentially indistinguishable.

We have modified our proposal spreadsheets of October 10th, abbreviating the scope of work to a certain degree, now reflecting the Town's more recently requested scope, toward what we understand is a Town expectation that the total assignment cost [net of HST] fall into the range of roughly \$25,000. This said, we trust the Town will observe and agree that we have attempted to preserve the essence of the detailed October, 2012 proposal task list.

Attached are tables outlining the sequential breakdown of proposed tasks, our proposed staff to be assigned, the expected number of hours required to undertake each task and the resulting total fees. We would acknowledge this to be an upset fee limit, presuming the Town is in agreement with the outline of assignment scope attached.



SCHEDULE

We understand the Town is eager to move this process along; given that capital planning and DCC bylaw updates are both dependent upon completion this modelling and reporting assignment. To this end, we confirm we will give this project (and the Town's corresponding sanitary sewer model/capital plan update) priority status and will deliver on or before the following milestone deliverable dates:

Activity 1	End December 2012
Activity 2	End December 2012
Activity 3	Mid January 2013
Activity 4	Mid February 2013
Activity 5	End February 2013

Notwithstanding the above noted milestones, we understand the Town's capital budgeting needs and we will therefore work with Town staff in the latter part of 2012 to review the existing capital budget and assist with tentative, short-term project prioritizing, based on our knowledge of the system and the Town's governing selection criteria/objectives.

McElhanney has a long and established tradition of delivering projects to the Town of Comox, on time and on budget. This will be no exception.

CLOSURE

We would like to thank the Town for the opportunity to present this very brief proposal. We very much look forward to assisting the Town with this modeling and capital planning assignment.

Yours truly,

MCELHANNEY CONSULTING SERVICES LTD.

Ian S. Whitehead, P.Eng.
Regional Manager

ISW/njg

Enclosure

Cc: Town of Comox, Glenn Westendorp, ASCT

Budgeted Hours										Budgeted Fees				

FIGURE #1 - FEE ESTIMATE

		Budgeted Hours				Budgeted Fees								
	Description	Ian Whitehead, P.Eng.	Mark DeGagne, P.Eng.	Project Manager	Matt Sanderson, AsCT	Administration	TOTAL HOURS	Ian Whitehead, P.Eng.	Mark DeGagne, P.Eng.	Matt Sanderson, AsCT	Administration	SUBTOTAL	DISBURSEMENTS (6%)	TOTAL FEES
4.4	Prepare capital plan drawings, c/w expected year(s) of required projects and estimated costs	2			12		14	\$180	\$360	\$	\$	\$1,440	\$86	\$1,526
4.5	Consider 20 year future system requirements, but no modelling or cost estimates for this longer term scenario	2			8		10	\$360	\$	\$720	\$	\$1,080	\$65	\$1,145
	SUBTOTAL	4	10	44	4		62	\$720	\$1,500	\$3,960	\$280	\$6,460	\$388	\$6,848
ACTIVITY 5														
COORDINATION WITH TOWN, REPORT DRAFT WRITE UP & FINALIZATION														
5.1	Meet with the Town to review interim study outcomes and options	2	2		0		4	\$360	\$300	\$	\$	\$660	\$40	\$700
5.2	Adjust growth assumptions and/or capital plan to suit Town's vision and needs. Finalize report write up, c/w drawings, tables, figures	8	8	16	8		40	\$1,440	\$1,200	\$1,440	\$560	\$4,640	\$278	\$4,918
5.3	Meet with Town to present final report (deliver early Spring, 2013) - timing dependent on decisions regarding in-stream calibration data capture	2	2				4	\$360	\$300	\$	\$	\$660	\$40	\$700
	SUBTOTAL	12	12	16	8		48	\$2,160	\$1,800	\$1,440	\$560	\$5,960	\$358	\$6,318
GRAND TOTAL (net of HST)		20	42	176	14		252	\$3,600.00	\$6,300.00	\$15,840.00	\$980.00	\$26,720.00	\$1,603.20	\$28,323.20

Notes & Assumptions:

1 The NE Comox area, draining to Knight Road and the Queen's Ditch is explicitly excluded from the study scope. This said, we assume the NE Comox efforts will reveal projects or stormwater management components that are decided of 'community' benefit and ought to be Town owned. Depending on outcome of NE Comox work now on-going, we anticipate either a user fee bylaw will be established [similar to that established for the Knight Road sanitary sewer cost recovery]. Alternatively, DCC bylaw applicable projects will be identified and agreed upon. These may or may not include land value of community ponds], etc. We assume there will be no need to consider, provide interpretive feedback and then incorporate design criteria stemming from the NE Comox work now on-going. In future, this might include issues/criteria such as what constitutes the 10 year and 100 year design storm hydrographs, what the on-site groundwater recharge targets should be, surface runoff attenuation targets, etc.

2 We will assume the Lazo area will continue, for the foreseeable future, to be serviced via simple, open ditch systems. These will not be modeled.

3 Butchers Road area will not be modeled, unless Town requires this and the study budget allows.

4 No in-stream calibration will be undertaken.

FIGURE #1 - FEE ESTIMATE



APPENDIX B
PRIORITIZED MISSING DATA
COMPLETE LISTING

Prioritized Missing Data - Model Conversion from MIDUSS										1 - High Importance
										2 - Moderate Importance
										3 - Low Importance
Name	Inlet Node	Outlet Node	Description	Length (m)	Cross-Section	Geom1 (m)	Geom2 (m)	Transect	Slope (m/m)	PRIORITY
P-16036	16036	16045	ASSUMED DATA	182.88	IRREGULAR	0	0	BASIC_DIT	0	1
P-16035	16035	16036	ASSUMED PIPE DATA	14.22	CIRCULAR	0.5	0		0	1
P-7211	7211	7220	ASSUMED PIPE DATA	83.47	CIRCULAR	0.6	0		0.01002	1
P-16000	16000	16001	ASSUMED SLOPE	84.32	IRREGULAR	0	0	BASIC_DIT	0.02076	1
P-16001	16001	16015	ASSUMED SLOPE / DATA	354.12	IRREGULAR	0	0	BASIC_DIT	0.02065	1
P-48005	48005	48004	CONFIRM ROUTING	151	CIRCULAR	0.2	0		0.005	1
C208	J161	47003	INTERIM CONDUIT - NEED DITCH DETAILS	96.8	CIRCULAR	1	0		0.05409	1
P-16028_2	J168	16035	NO DATA	80.64	CIRCULAR	0.5	0		0.16994	1
P-39076	39076	39085	OUTFALL TO GUTHRIE STORM?	63.46	CIRCULAR	0.25	0		0.00567	1
P-17155	17155	17074	ASSUMED SLOPE	34.59	CIRCULAR	1.05	0		0.00694	2
P-13002	13002	13003	ASSUMED DIA & SLOPE	20.6	CIRCULAR	0.25	0		0.01	2
P-7287	7287	7350	ASSUMED PIPE	9.64	CIRCULAR	0.375	0		0.00498	2
P-7293	7293	7294	ASSUMED PIPE DATA	6.58	CIRCULAR	0.15	0		0.00517	2
P-7294	7294	7295	ASSUMED PIPE DATA	38.55	CIRCULAR	0.15	0		0.00503	2
P-7308	7308	7309	ASSUMED PIPE DATA	11.86	CIRCULAR	0.3	0		0.01003	2
P-50066	50066	50150	ASSUMED PIPE SLOPE	46.44	CIRCULAR	0.6	0		0.00999	2
P-40010	40010	J2	ASSUMED ROUTING	39.88	CIRCULAR	0.25	0		0.0691	2
P-7355	7355	7356	ASSUMED SHAPE/SLOPE	256.92	IRREGULAR	0	0	IndianCrk-	0.07015	2
C64	20003	J16	ASSUMED SLOPE	6.19	CIRCULAR	0.25	0		0.00485	2
C74	11015	11016	ASSUMED SLOPE	7.16	CIRCULAR	0.375	0		0.00489	2
P-11015	11015	11025	ASSUMED SLOPE	28.7	CIRCULAR	0.375	0		0.03413	2
P-11034	11034	11040	ASSUMED SLOPE	13.5	CIRCULAR	0.45	0		0.00289	2
P-11040	11040	11041	ASSUMED SLOPE	8.06	CIRCULAR	0.45	0		0.00509	2
P-16007	16007	16008	ASSUMED SLOPE	27.94	CIRCULAR	0.15	0		0.00999	2
P-16008	16008	16009	ASSUMED SLOPE	25.69	CIRCULAR	0.15	0		0.01004	2
P-19045	19045	19023	ASSUMED SLOPE	59.7	CIRCULAR	0.45	0		0.00469	2
P-36046	36046	36040	ASSUMED SLOPE	192.18	CIRCULAR	0.3	0		0.01	2
P-5006	5006	5027	assumed slope	18.32	CIRCULAR	0.3	0		0.01004	2
P-7129	7129	7131	ASSUMED SLOPE	14.43	CIRCULAR	0.375	0		0.00499	2
P-7288A	7288A	7018	ASSUMED SLOPE	150.64	IRREGULAR	0	0	IndianCrk-	0.05005	2
P-7029	7029	7030	ASSUMED SLOPE/DIA	3.69	CIRCULAR	0.9	0		0.00488	2
P-7141	7141	7142	ASSUMED SLOPE/DIA	10.6	CIRCULAR	0.45	0		0.005	2
P-19027	19027	19030	CHECK AS-BUILTS	191.02	CIRCULAR	0.3	0		0.03	2
P-11001	11001	11002	CHECK CONNECTIVITY	143.98	CIRCULAR	0.2	0		0.005	2
P-11005	11005	11006	CHECK CONNECTIVITY	40.19	CIRCULAR	0.2	0		0.005	2
P-19060	19060	19061	CHECK CONNECTIVITY	53.13	CIRCULAR	0.3	0		0.03801	2
P-32000	32000	32001	CHECK CONNECTIVITY	191.97	CIRCULAR	0.2	0		0.015	2
P-19131_2	19126A	19126	CONFIRM INVERTS	1.48	CIRCULAR	0.3	0		0	2
P-53002	53002	53003	ADDITIONAL MH ON LINE?	163.82	CIRCULAR	0.45	0		0.005	3
P-11017	11017	11015	ASSUMED DATA	178	CIRCULAR	0.25	0		0.01001	3
P-12005	12005	12002	ASSUMED PIPE	98.84	CIRCULAR	0.2	0		0.01001	3
P-4000	4000	4001	ASSUMED PIPE	169.71	CIRCULAR	0.15	0		0.01001	3
C209	49001	J162	ASSUMED SLOPE	25.55	CIRCULAR	0.2	0		0.00888	3
C56	J13	J12	ASSUMED SLOPE	4.37	CIRCULAR	0.2	0		0.00687	3
P-11036	11036	11037	ASSUMED SLOPE	47.72	CIRCULAR	0.2	0		0.01002	3
P-11050	11050	11051	ASSUMED SLOPE	105.43	CIRCULAR	0.375	0		0.01085	3
P-11056	11056	11055	ASSUMED SLOPE	54.05	CIRCULAR	0.2	0		0.00951	3
P-16040	16040	16041	ASSUMED SLOPE	110.13	CIRCULAR	0.2	0		0	3
P-17065	17065	17066	ASSUMED SLOPE	126.57	CIRCULAR	0.15	0		0.01	3
P-24095	24095	24105	ASSUMED SLOPE	140.19	CIRCULAR	0.45	0		0.01001	3
P-39036	39036	39045	ASSUMED SLOPE	74.79	CIRCULAR	0.4	0		0.01	3
P-5013	5013	5017	assumed slope	9.62	CIRCULAR	0.3	0		0.00998	3
P-5017	5017	5022	assumed slope	72.87	CIRCULAR	0.3	0		0.01002	3
P-7015	7015	7016	ASSUMED SLOPE	63.51	CIRCULAR	0.15	0		0.01001	3
P-7105	7105	7107	ASSUMED SLOPE	134.96	CIRCULAR	0.9	0		0.0088	3
P-9001	9001	9010	assumed slope	68.29	CIRCULAR	0.2	0		0.01	3
P-11035	11035	11036	CHECK CONNECTIVITY	99.28	CIRCULAR	0.1	0		0.01001	3
P-20022	20022	20030	CONFIRM LOCATION	290.23	CIRCULAR	0.35	0		0.0276	3
P-19075	19075	19076	CONFIRM PIPE IS PRESENT	88.01	CIRCULAR	0.2	0		0.01	3
P-7127	7127	7126	CONFIRM PIPE SIZE	49.39	CIRCULAR	0.375	0		0.0066	3
P-20040	20040	20030	CONFIRM ROUTING	42.87	CIRCULAR	0.3	0		0.02504	3
P-38000	38000	38001	DOES THIS EXIST?	66.3	CIRCULAR	0.2	0		0.00501	3
P-54060	54060	54010	DUMMY PIPE - NO DATA	42.16	CIRCULAR	1	0		0	3
P-54070	54070	54010	DUMMY PIPE - NO DATA	38.96	CIRCULAR	1	0		0	3
P-54002	54002	54010	LOW CONFIDENCE IN PIPE DAT	35.33	CIRCULAR	0.6	0		0	3
P-53045	53045	53046	NO DATA-PIPE MAY NOT EXIST	63.29	CIRCULAR	0.2	0		0.01002	3
C223	J172	19080	NO PIPE DATA	58.32	CIRCULAR	0.25	0		0.08085	3



APPENDIX C
PRESENT DAY (2013) MODEL RESULTS

Importing model for conversion from MIDUSS

STEP 1 - IMPORT SUBCATCHMENTS

STEP 2 - IMPORT MANHOLES

NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.

Analysis Options

Flow Units LPS

Process Models:

Rainfall/Runoff YES

Snowmelt NO

Groundwater NO

Flow Routing YES

Ponding Allowed YES

Water Quality NO

Infiltration Method CURVE_NUMBER

Flow Routing Method DYNWAVE

Starting Date JAN-01-2013 00:00:00

Ending Date JAN-02-2013 00:00:00

Antecedent Dry Days 0.0

Report Time Step 00:00:05

Wet Time Step 00:05:00

Dry Time Step 00:05:00

Routing Time Step 5.00 sec

WARNING 02: maximum depth increased for Node J35

Element Count

Number of rain gages 6

Number of subcatchments ... 1001

Number of nodes 1302

Number of links 1284

Number of pollutants 0

Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Q2-Comox	2Yr-ComoxSCS	INTENSITY	10 min.
Q10-Comox	10yr-ComoxSCS	INTENSITY	10 min.
Q100-Comox	100yr-ComoxSCS	INTENSITY	10 min.
Chicago10yr	Chicago10yr	INTENSITY	10 min.
Chicago100yr	Chicago100yr	INTENSITY	10 min.
Huff-2ndQuartile_24hrHuff_(0-10_sq_mi.)_second_quartile_62mm		INTENSITY	10 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
S50000	1.47	177.82	32.00	0.5000	Q10-Comox	50000
S50010	1.06	157.19	34.00	0.5000	Q10-Comox	50010
S50011	0.75	110.52	33.00	0.5000	Q10-Comox	50011
S50001	0.32	40.00	25.00	2.0000	Q10-Comox	50001
S50027	0.54	89.50	38.00	1.5000	Q10-Comox	50027
S50028	0.26	56.67	32.00	3.5000	Q10-Comox	50028
S50026	0.69	154.22	33.00	3.0000	Q10-Comox	50026
S50025	1.09	162.07	33.00	2.5000	Q10-Comox	50025
S50030	0.51	84.17	34.00	0.5000	Q10-Comox	50030
S50050	1.21	201.33	35.00	1.0000	Q10-Comox	50050
S50035	0.60	100.50	35.00	4.0000	Q10-Comox	50035
S50045	0.73	98.00	33.00	1.0000	Q10-Comox	50025

S50046	0.77	128.83	36.00	3.0000	Q10-Comox	50045
S50016	0.42	80.00	58.00	0.5000	Q10-Comox	50016
S50015	1.44	239.67	34.00	0.5000	Q10-Comox	50015
S50017	0.05	26.00	50.00	3.0000	Q10-Comox	50017
S50020	1.08	179.83	33.00	1.5000	Q10-Comox	50020
S51005	1.01	122.18	62.00	1.0000	Q10-Comox	51005
S51010	1.18	142.91	56.00	0.5000	Q10-Comox	51010
S51015	1.00	121.33	61.00	1.5000	Q10-Comox	51015
S51022	0.33	167.00	50.00	0.5000	Q10-Comox	51022
S50075	0.92	122.00	32.00	2.0000	Q10-Comox	50075
S51025	0.16	80.00	30.00	0.5000	Q10-Comox	51025
S51000	0.53	71.20	34.00	0.5000	Q10-Comox	39075
S50076	0.27	35.47	35.00	1.5000	Q10-Comox	50076
S51026	0.82	109.07	33.00	0.5000	Q10-Comox	51026
S51027	1.19	159.07	32.00	0.5000	Q10-Comox	51027
S50085	0.49	94.10	34.00	6.0000	Q10-Comox	50085
S50086	0.33	54.67	36.00	7.0000	Q10-Comox	50085
S50080	0.48	79.17	34.00	2.0000	Q10-Comox	50080
S51023	0.28	142.50	50.00	0.5000	Q10-Comox	51023
S39090	0.12	59.50	70.00	0.5000	Q10-Comox	39085
S39075	0.31	41.47	38.00	0.5000	Q10-Comox	39075
S51040	1.72	326.67	33.00	0.5000	Q10-Comox	51040
S39085	0.34	65.71	38.00	0.5000	Q10-Comox	39085
S50095	0.64	106.50	34.00	8.0000	Q10-Comox	50095
S50105	0.67	111.50	34.00	4.0000	Q10-Comox	50105
S51030	0.38	71.43	35.00	0.5000	Q10-Comox	51030
S51035	0.53	100.76	36.00	0.5000	Q10-Comox	51035
S39095	0.51	205.20	61.00	3.5000	Q10-Comox	39001
S39080	0.31	58.86	36.00	0.5000	Q10-Comox	39080
S50064	0.33	62.29	36.00	0.5000	Q10-Comox	50064
S50100	0.52	87.17	36.00	2.0000	Q10-Comox	50100
S50065	0.39	73.52	35.00	1.5000	Q10-Comox	50065
S50145	0.23	115.50	70.00	3.0000	Q10-Comox	50146
S39000	6.77	225.60	38.00	6.0000	Q10-Comox	39000
S52000	7.29	194.29	20.00	0.5000	Q10-Comox	52000
S50106	0.25	41.33	35.00	8.0000	Q10-Comox	50106
S7125	0.78	116.00	37.00	2.0000	Q10-Comox	7125
S7135	0.53	101.52	34.00	2.0000	Q10-Comox	7135
S7136	0.97	184.95	35.00	2.0000	Q10-Comox	7136
S50111	0.47	77.83	35.00	7.0000	Q10-Comox	50107
S50121	0.50	74.22	32.00	2.5000	Q10-Comox	50120
S50122	0.47	60.65	5.00	1.0000	Q10-Comox	50066
S50110	0.51	85.00	33.00	1.0000	Q10-Comox	50110
S7026	1.06	181.50	70.00	1.0000	Q10-Comox	7026
S50120	0.41	36.00	35.00	4.0000	Q10-Comox	50115
S50115	0.21	57.07	43.00	2.0000	Q10-Comox	50131
S49000	1.10	209.33	84.00	0.5000	Q10-Comox	49000
S49002	0.96	116.85	83.00	1.5000	Q10-Comox	49002
S7126	0.59	78.80	62.00	2.0000	Q10-Comox	7126
S7137	0.33	54.50	35.00	2.0000	Q10-Comox	7137
S7036	2.18	223.69	69.00	1.0000	Q10-Comox	7036
S50130	0.20	52.80	30.00	5.0000	Q10-Comox	50130
S7070	3.11	165.60	45.00	1.5000	Q10-Comox	J114
S7127	0.18	48.80	38.00	2.0000	Q10-Comox	7128
S7139	0.66	125.52	34.00	2.0000	Q10-Comox	7139
S7074	2.67	112.80	70.00	1.5000	Q10-Comox	7074
S7128	0.28	40.89	31.00	2.0000	Q10-Comox	7128
S50150	0.41	108.53	18.00	0.5000	Q10-Comox	50150
S50141	0.35	66.86	34.00	1.0000	Q10-Comox	50141
S50140	0.52	98.48	34.00	2.5000	Q10-Comox	50140
S7140	0.26	57.78	35.00	2.0000	Q10-Comox	7140
S49001	1.24	112.46	83.00	2.0000	Q10-Comox	49001
S7028	0.80	118.07	78.00	1.0000	Q10-Comox	7028
S7129	0.87	232.53	56.00	2.0000	Q10-Comox	7129
S50135	1.12	213.14	35.00	5.0000	Q10-Comox	50135
S7075	2.92	102.46	90.00	1.5000	Q10-Comox	7075
S7037	0.23	75.00	76.00	2.5000	Q10-Comox	7037
S7142	0.15	51.33	70.00	2.0000	Q10-Comox	7142
S7141	0.20	65.67	70.00	2.0000	Q10-Comox	7141
S50149	0.36	80.53	30.00	0.5000	Q10-Comox	50149
S7050	1.01	89.87	70.00	2.5000	Q10-Comox	7050
S48000	0.43	72.33	70.00	0.5000	Q10-Comox	48000
S7146	0.48	107.56	34.00	2.0000	Q10-Comox	7146
S7040	1.26	104.92	67.00	2.5000	Q10-Comox	7040
S7147	1.06	118.11	60.00	2.0000	Q10-Comox	7147
S48001	1.28	189.04	48.00	0.5000	Q10-Comox	48001
S7041	0.63	52.25	87.00	2.5000	Q10-Comox	7041
S7166	3.03	288.48	87.00	2.5000	Q10-Comox	7166
S48003	8.75	291.80	16.00	4.0000	Q10-Comox	48003

S50148	0.58	120.38	48.00	0.5000	Q10-Comox	50148
S7042	0.29	24.50	79.00	2.5000	Q10-Comox	7038
S7038	0.28	93.00	81.00	2.5000	Q10-Comox	7038
S7145	0.30	66.22	36.00	2.0000	Q10-Comox	7145
S50146	0.70	133.71	55.00	4.0000	Q10-Comox	50146
S48010	0.24	119.00	70.00	0.5000	Q10-Comox	48010
S48011	0.17	87.50	70.00	0.5000	Q10-Comox	J9
S48015	0.12	57.50	70.00	0.5000	Q10-Comox	48015
S7151	0.16	25.56	38.00	2.0000	Q10-Comox	7151
S7148	1.00	166.50	58.00	2.0000	Q10-Comox	7148
S48005	1.80	96.11	10.00	4.0000	Q10-Comox	48005
S7162	2.98	198.60	59.00	2.0000	Q10-Comox	7162
S47015	0.83	139.00	32.00	1.0000	Q10-Comox	47015
S47020	0.23	50.89	37.00	0.5000	Q10-Comox	47020
S7150	0.20	44.89	35.00	2.0000	Q10-Comox	7150
S7051	0.52	98.67	37.00	1.5000	Q10-Comox	7051
S46002	0.51	85.50	32.00	0.5000	Q10-Comox	46002
S7152	0.53	78.67	36.00	2.0000	Q10-Comox	7152
S53000	0.71	135.24	52.00	0.5000	Q10-Comox	53000
S7153	0.55	91.50	33.00	2.0000	Q10-Comox	7153
S39001	0.84	140.33	46.00	4.0000	Q10-Comox	39001
S39005	1.12	187.17	33.00	5.0000	Q10-Comox	39005
S7071	0.74	82.22	35.00	1.5000	Q10-Comox	7071
S7043	1.57	110.04	70.00	5.0000	Q10-Comox	7043
S39010	0.51	96.95	38.00	1.5000	Q10-Comox	39010
S53001	0.48	107.56	47.00	0.5000	Q10-Comox	53001
S53002	0.64	170.67	60.00	0.5000	Q10-Comox	53002
S47021	0.13	29.78	39.00	0.5000	Q10-Comox	47011
S7076	1.13	166.96	35.00	1.5000	Q10-Comox	7076
S7052	0.19	49.87	30.00	1.5000	Q10-Comox	7052
S32070_1	0.07	126.10	35.00	0.5000	Q10-Comox	32065
S7155	0.41	77.91	39.00	2.0000	Q10-Comox	7155
S7158	1.09	96.71	66.00	2.0000	Q10-Comox	7158
S42000	1.11	210.86	36.00	0.5000	Q10-Comox	42000
S7072	0.09	44.50	50.00	1.5000	Q10-Comox	7072
S47011	0.62	137.11	35.00	5.0000	Q10-Comox	47011
S39006	0.51	85.50	37.00	8.0000	Q10-Comox	39006
S41000	1.10	209.71	35.00	1.0000	Q10-Comox	41000
S53003	0.26	130.00	70.00	0.5000	Q10-Comox	53003
S53005	1.80	119.73	67.00	4.0000	Q10-Comox	53006
S53011	1.05	75.00	25.00	1.0000	Q10-Comox	53011
S39015	0.24	64.80	42.00	0.5000	Q10-Comox	39015
S53012_1	0.73	165.14	35.00	0.5000	Q10-Comox	53012
S7053	0.07	19.73	30.00	1.5000	Q10-Comox	7053
S39020	0.35	77.78	36.00	1.5000	Q10-Comox	39020
S7055	0.72	120.67	35.00	1.5000	Q10-Comox	7055
S7056	0.39	64.83	39.00	1.5000	Q10-Comox	7056
S44000	0.61	81.73	33.00	0.5000	Q10-Comox	44000
S53025	0.94	157.33	34.00	0.5000	Q10-Comox	53025
S53045	0.30	65.78	34.00	0.5000	Q10-Comox	53045
S53046	0.39	74.86	38.00	4.0000	Q10-Comox	53046
S47010	0.41	90.22	35.00	2.0000	Q10-Comox	47010
S53055	0.28	141.00	70.00	2.0000	Q10-Comox	53055
S7156	0.58	129.78	37.00	2.0000	Q10-Comox	7156
S39046	0.75	25.00	25.00	0.5000	Q10-Comox	39030
S39025	0.66	98.22	33.00	1.0000	Q10-Comox	39025
S39021	0.49	81.67	35.00	3.0000	Q10-Comox	39021
S39002	1.22	203.50	38.00	2.5000	Q10-Comox	39002
S53047	2.61	138.99	57.00	2.0000	Q10-Comox	53047
S53015	0.99	165.50	36.00	0.5000	Q10-Comox	53015
S39007	1.16	193.17	34.00	3.0000	Q10-Comox	39007
S7044	1.04	106.97	18.00	5.0000	Q10-Comox	7044
S47002	1.01	48.29	10.00	3.0000	Q10-Comox	47002
S47006	0.51	113.11	40.00	3.0000	Q10-Comox	47006
S39040	0.69	115.67	33.00	1.0000	Q10-Comox	39040
S7060	0.13	41.67	30.00	1.5000	Q10-Comox	7060
S19006	0.91	201.56	34.00	1.0000	Q10-Comox	19006
S7087	3.86	197.95	32.00	3.0000	Q10-Comox	7087
S7057	0.07	22.00	30.00	1.5000	Q10-Comox	7057
S7061	0.06	21.33	30.00	1.5000	Q10-Comox	7061
S7062	0.13	43.00	30.00	1.5000	Q10-Comox	7062
S7159	0.64	121.33	34.00	2.0000	Q10-Comox	7159
S7065	1.14	126.67	33.00	1.5000	Q10-Comox	7065
S7157	0.99	265.07	36.00	2.0000	Q10-Comox	7157
S39030	1.01	168.83	35.00	6.0000	Q10-Comox	39030
S135	0.87	80.00	35.00	3.0000	Q10-Comox	J135
S7077	0.79	116.74	35.00	1.5000	Q10-Comox	7077
S19013	3.68	122.70	34.00	3.0000	Q10-Comox	19013
S7063	0.15	49.67	30.00	1.5000	Q10-Comox	7063

S7170	1.08	131.15	80.00	3.0000	Q10-Comox	7170
S7100	2.34	119.74	16.00	5.0000	Q10-Comox	7100
S41001	1.16	220.38	35.00	1.0000	Q10-Comox	41001
S39045	0.96	160.67	34.00	0.5000	Q10-Comox	39045
S7045	0.71	94.53	24.00	5.0000	Q10-Comox	7045
S19011	1.01	167.83	34.00	2.0000	Q10-Comox	19011
S42001	0.62	117.71	36.00	0.5000	Q10-Comox	42001
S19012	0.81	134.33	35.00	2.0000	Q10-Comox	19012
S39035	0.51	85.00	34.00	0.5000	Q10-Comox	39035
S7168	0.41	77.14	41.00	2.5000	Q10-Comox	7168
S53010_1	0.08	111.81	35.00	0.5000	Q10-Comox	39015
S53020	0.72	136.76	36.00	0.5000	Q10-Comox	53020
S53030	0.51	97.52	36.00	0.5000	Q10-Comox	53030
S7066	0.39	87.11	39.00	1.5000	Q10-Comox	7066
S7160	0.65	123.43	34.00	2.0000	Q10-Comox	7160
S53035	0.18	40.00	35.00	1.0000	Q10-Comox	53035
S39003	1.18	196.83	39.00	2.0000	Q10-Comox	39003
S53040	0.22	49.33	45.00	0.5000	Q10-Comox	53040
S47005	0.98	217.78	38.00	5.0000	Q10-Comox	47005
S39008	0.33	54.83	35.00	1.0000	Q10-Comox	39008
S43005	1.24	205.83	35.00	0.5000	Q10-Comox	43005
S39047	0.24	36.15	36.00	6.0000	Q10-Comox	39009
S53061	0.09	45.50	70.00	0.5000	Q10-Comox	53061
S7067	0.78	129.50	35.00	1.5000	Q10-Comox	7067
S43010	1.36	201.48	34.00	5.0000	Q10-Comox	43010
S53041	0.71	188.53	30.00	0.5000	Q10-Comox	53041
S53065	0.94	54.61	33.00	2.0000	Q10-Comox	53066
S7165	0.82	157.14	34.00	4.0000	Q10-Comox	7165
S53085	0.97	162.17	37.00	1.5000	Q10-Comox	53085
S7110	0.98	163.50	37.00	2.0000	Q10-Comox	7110
S7078	1.80	54.55	35.00	1.5000	Q10-Comox	7078
S39050	1.03	172.50	34.00	4.0000	Q10-Comox	39050
S53080	0.55	49.07	70.00	4.0000	Q10-Comox	53080
S53200	0.44	39.11	70.00	4.0000	Q10-Comox	53200
S19025	0.26	48.76	38.00	4.0000	Q10-Comox	19025
S19026	0.69	131.05	34.00	4.0000	Q10-Comox	19026
S53160	1.31	109.00	70.00	4.0000	Q10-Comox	53160
S19029	0.75	143.43	34.00	4.0000	Q10-Comox	19029
S53180	0.65	86.93	70.00	0.5000	Q10-Comox	53180
S19028	0.97	185.52	35.00	4.0000	Q10-Comox	19028
S36015	0.53	88.33	36.00	1.0000	Q10-Comox	36015
S53095	1.30	216.00	35.00	1.0000	Q10-Comox	53095
S19093	3.12	198.10	45.00	2.5000	Q10-Comox	19093
S36005	1.06	176.17	34.00	1.0000	Q10-Comox	36005
S7083	0.55	122.44	36.00	3.0000	Q10-Comox	7081
S36060	0.66	125.52	35.00	0.5000	Q10-Comox	36060
S53096	0.54	90.67	36.00	0.5000	Q10-Comox	53096
S7085	0.81	179.11	37.00	5.0000	Q10-Comox	7085
S41002	0.56	106.10	34.00	1.0000	Q10-Comox	41002
S53070	0.19	96.00	70.00	0.5000	Q10-Comox	53070
S7046	0.80	133.50	45.00	5.0000	Q10-Comox	7046
S7064	0.43	95.33	31.00	1.5000	Q10-Comox	7068
S7111	0.76	143.81	36.00	3.0000	Q10-Comox	7111
S53081	1.19	98.92	70.00	4.0000	Q10-Comox	53081
S53100	1.50	166.56	30.00	3.0000	Q10-Comox	53100
S53075	0.86	57.13	70.00	4.0000	Q10-Comox	53075
S47000	0.42	139.67	30.00	0.5000	Q10-Comox	47000
S7080	0.39	65.17	38.00	5.0000	Q10-Comox	7080
S7115	0.65	124.57	35.00	2.0000	Q10-Comox	7115
S7086	0.37	81.56	39.00	5.0000	Q10-Comox	7086
S39051	0.42	79.62	36.00	1.5000	Q10-Comox	39004
S36016	0.40	66.17	34.00	2.0000	Q10-Comox	36016
S7101	0.46	87.43	37.00	5.0000	Q10-Comox	7101
S53161	0.21	56.80	70.00	4.0000	Q10-Comox	53161
S53097	0.36	94.93	39.00	0.5000	Q10-Comox	53097
S19014	0.32	60.19	36.00	3.0000	Q10-Comox	19013
S53071	0.10	50.50	70.00	0.5000	Q10-Comox	53071
S7175	1.09	208.00	34.00	2.0000	Q10-Comox	7175
S7176	0.50	82.83	32.00	2.0000	Q10-Comox	7176
S7068	0.38	71.43	37.00	1.5000	Q10-Comox	7068
S19030	1.50	166.78	30.00	2.5000	Q10-Comox	19030
S39055	0.66	87.87	41.00	1.0000	Q10-Comox	39055
S19016	1.05	100.29	36.00	4.0000	Q10-Comox	19016
S53155	1.04	126.30	77.00	3.0000	Q10-Comox	53155
S19040	0.56	93.67	35.00	2.5000	Q10-Comox	19040
S7090	1.16	192.67	35.00	5.0000	Q10-Comox	7090
S53087	0.90	149.33	34.00	0.5000	Q10-Comox	53087
S40016	0.41	67.83	33.00	4.0000	Q10-Comox	40016
S7102	1.15	192.17	35.00	5.0000	Q10-Comox	7102

S40017	0.94	157.50	34.00	3.0000	Q10-Comox	40017
S7091	0.70	117.00	35.00	5.0000	Q10-Comox	7091
S53088	0.81	134.50	36.00	1.0000	Q10-Comox	53088
S36017	0.39	64.33	35.00	4.0000	Q10-Comox	36017
S53185	0.43	71.83	61.00	0.5000	Q10-Comox	53185
S53089	0.72	120.50	35.00	1.0000	Q10-Comox	53089
S7092	0.36	60.00	35.00	5.0000	Q10-Comox	7092
S20001_1	0.41	216.76	17.00	4.0000	Q10-Comox	20001
S53086	0.29	43.26	50.00	0.5000	Q10-Comox	53086
S40020	0.13	52.00	39.00	1.0000	Q10-Comox	J2
S53101	1.90	158.08	56.00	3.0000	Q10-Comox	53101
S7103	0.27	60.44	34.00	5.0000	Q10-Comox	7103
S7095	0.09	30.33	35.00	5.0000	Q10-Comox	7095
S7069	0.69	114.33	43.00	1.5000	Q10-Comox	7069
S19015	0.17	31.43	36.00	3.0000	Q10-Comox	19013
S40015	0.45	74.67	38.00	5.0000	Q10-Comox	40015
S53170	1.07	238.00	68.00	1.0000	Q10-Comox	53170
S7177	1.18	174.67	67.00	2.0000	Q10-Comox	7177
S7096	0.22	72.67	30.00	5.0000	Q10-Comox	7096
S36020	0.56	123.56	36.00	8.0000	Q10-Comox	36020
S40010	0.63	119.62	37.00	0.5000	Q10-Comox	40010
S36010	0.55	122.89	36.00	6.0000	Q10-Comox	36010
S19042	0.55	104.57	36.00	4.0000	Q10-Comox	19042
S36001	0.38	126.67	36.00	1.0000	Q10-Comox	36001
S53150	0.22	109.00	70.00	1.0000	Q10-Comox	53150
S39061	0.37	98.93	33.00	0.5000	Q10-Comox	39061
S36000	0.31	103.00	46.00	0.5000	Q10-Comox	36000
S19101	0.20	67.33	42.00	2.5000	Q10-Comox	19101
S53167	0.08	11.07	70.00	0.5000	Q10-Comox	53167
S7104	0.25	42.00	30.00	5.0000	Q10-Comox	7103
S19092	0.39	65.00	35.00	2.5000	Q10-Comox	19092
S19091	0.87	144.67	33.00	2.5000	Q10-Comox	19091
S19090	0.63	104.33	33.00	2.5000	Q10-Comox	19090
S7118	0.46	101.56	36.00	2.0000	Q10-Comox	7112
S7116	0.17	38.22	30.00	2.0000	Q10-Comox	7116
S37005	0.76	144.57	34.00	0.5000	Q10-Comox	37005
S7190	1.09	181.17	25.00	2.0000	Q10-Comox	7190
S7191	0.90	150.67	18.00	6.0000	Q10-Comox	7191
S53166	0.53	70.00	34.00	0.5000	Q10-Comox	53166
S7193	1.05	155.85	34.00	6.0000	Q10-Comox	7193
S19020	1.60	133.67	5.00	4.0000	Q10-Comox	19020
S19017	0.16	30.67	39.00	4.0000	Q10-Comox	19016
S53115	2.63	116.76	67.00	1.0000	Q10-Comox	53115
S37001	0.15	41.07	40.00	5.0000	Q10-Comox	37001
S19103	0.85	161.14	35.00	2.5000	Q10-Comox	19103
S7194	0.80	117.93	36.00	6.0000	Q10-Comox	7194
S53130	1.01	191.81	36.00	1.0000	Q10-Comox	53130
S19043	0.18	33.71	30.00	4.0000	Q10-Comox	19043
S40001	0.83	138.33	34.00	4.0000	Q10-Comox	40001
S38000	0.79	211.73	41.00	0.5000	Q10-Comox	38000
S40002	0.58	97.17	34.00	4.5000	Q10-Comox	40002
S7120	0.90	100.00	34.00	3.0000	Q10-Comox	7120
S53131	0.96	183.05	23.00	1.0000	Q10-Comox	53131
S37002	0.66	124.76	34.00	0.5000	Q10-Comox	37002
S7121	1.01	112.11	34.00	3.0000	Q10-Comox	7121
S36031	0.13	34.40	39.00	4.0000	Q10-Comox	36031
S7105	0.34	91.47	53.00	5.0000	Q10-Comox	7105
S36035	1.29	172.00	34.00	3.5000	Q10-Comox	36035
S7106	0.53	116.89	34.00	4.0000	Q10-Comox	7105
S7107	0.54	118.89	34.00	4.0000	Q10-Comox	7107
S19104	0.38	127.00	41.00	2.5000	Q10-Comox	19104
S36050	1.66	277.17	33.00	8.0000	Q10-Comox	36050
S53110	0.13	50.00	44.00	3.0000	Q10-Comox	53110
S19021	0.46	52.57	35.00	4.0000	Q10-Comox	19021
S19018	0.19	35.24	41.00	4.0000	Q10-Comox	19018
S53165	0.17	66.80	33.00	0.5000	Q10-Comox	53165
S19032	0.91	173.52	50.00	3.0000	Q10-Comox	19032
S40000	0.26	43.33	36.00	0.5000	Q10-Comox	40000
S7192	1.55	188.24	18.00	2.5000	Q10-Comox	7192
S53305	0.50	95.43	39.00	4.0000	Q10-Comox	53305
S19044	0.71	134.67	40.00	4.0000	Q10-Comox	19044
S53105	0.84	101.94	68.00	4.0000	Q10-Comox	53105
S19050	1.01	149.78	38.00	2.0000	Q10-Comox	19050
S35000	0.65	108.00	40.00	0.5000	Q10-Comox	35000
S19095	0.97	161.83	30.00	2.5000	Q10-Comox	19095
S53145	0.80	151.62	40.00	4.0000	Q10-Comox	53136
S53310	0.33	62.86	41.00	4.0000	Q10-Comox	53310
S40005	0.43	82.29	36.00	0.5000	Q10-Comox	40005
S36045	1.65	274.17	49.00	8.0000	Q10-Comox	36045

S53120	0.72	120.00	36.00	0.5000	Q10-Comox	53120
S7178	2.53	241.33	53.00	2.0000	Q10-Comox	7121
S35001	0.49	82.33	45.00	1.0000	Q10-Comox	35001
S7201	0.26	49.71	38.00	5.0000	Q10-Comox	7201
S7200	1.51	201.60	35.00	5.0000	Q10-Comox	7200
S19024	0.26	131.00	70.00	2.0000	Q10-Comox	19022
S7202	0.73	97.87	33.00	5.0000	Q10-Comox	7202
S7205	1.39	185.87	33.00	5.0000	Q10-Comox	7205
S19075	1.15	191.17	33.00	3.0000	Q10-Comox	19075
S35003	0.41	69.17	41.00	5.0000	Q10-Comox	35003
S19060	0.29	78.40	51.00	2.5000	Q10-Comox	19060
S7207	0.59	79.07	33.00	5.0000	Q10-Comox	7207
S7208	1.48	197.47	33.00	5.0000	Q10-Comox	7208
S19108	1.00	133.60	35.00	4.0000	Q10-Comox	19094
S19107	0.14	45.33	70.00	2.5000	Q10-Comox	19106
S35005	0.23	60.27	55.00	2.0000	Q10-Comox	35005
S19051	0.75	71.62	5.00	2.5000	Q10-Comox	19051
S35004	0.55	91.17	43.00	5.0000	Q10-Comox	35004
S19065	1.36	201.19	70.00	2.5000	Q10-Comox	19065
S19105	0.24	79.33	54.00	2.5000	Q10-Comox	19105
S53136	0.17	37.11	46.00	3.5000	Q10-Comox	53136
S32005	0.41	91.11	34.00	5.0000	Q10-Comox	32005
S32000	1.87	312.00	33.00	1.5000	Q10-Comox	32000
S53140	0.46	86.67	37.00	0.5000	Q10-Comox	53140
S53320	0.57	126.22	30.00	4.0000	Q10-Comox	53320
S19062	0.42	92.67	36.00	2.5000	Q10-Comox	19062
S35006	0.12	62.00	70.00	2.0000	Q10-Comox	35006
S32007	0.51	75.70	34.00	1.0000	Q10-Comox	32007
S7209	0.58	128.89	37.00	2.0000	Q10-Comox	7209
S19076	0.88	167.05	36.00	3.0000	Q10-Comox	19076
S32035	0.37	71.24	47.00	1.0000	Q10-Comox	D-19
S19055	0.79	74.95	5.00	2.5000	Q10-Comox	19055
S19063	0.09	31.00	30.00	2.5000	Q10-Comox	19063
S7181	1.81	185.74	58.00	2.0000	Q10-Comox	7181
S24000	0.59	157.87	33.00	8.0000	Q10-Comox	24000
S7215	0.99	146.52	34.00	3.0000	Q10-Comox	7215
S54015	4.12	392.19	17.00	1.0000	Q10-Comox	54015
S24025	0.25	123.00	50.00	8.0000	Q10-Comox	24026
S7216	0.87	129.33	34.00	4.0000	Q10-Comox	7216
S20000	0.42	92.67	30.00	4.0000	Q10-Comox	20000
S19081	0.52	87.33	35.00	4.0000	Q10-Comox	19081
S19064	0.49	108.22	34.00	2.5000	Q10-Comox	19064
S7210	0.65	109.17	36.00	2.0000	Q10-Comox	7210
S19114	0.22	73.00	30.00	2.0000	Q10-Comox	19114
S19077	0.22	49.56	30.00	3.0000	Q10-Comox	19077
S34000	0.14	26.09	38.00	1.0000	Q10-Comox	D-18
S34001	0.25	47.05	36.00	4.0000	Q10-Comox	34002
S34005	0.28	53.52	64.00	0.5000	Q10-Comox	34005
S24001	0.25	46.86	37.00	8.0000	Q10-Comox	24001
S24006	0.21	40.00	41.00	8.0000	Q10-Comox	24006
S24005	0.60	133.11	31.00	8.0000	Q10-Comox	24005
S19080	0.98	163.67	36.00	4.0000	Q10-Comox	19080
S19110	0.60	113.71	34.00	1.0000	Q10-Comox	19110
S19120	0.23	77.00	41.00	4.0000	Q10-Comox	19120
S19082	0.39	65.00	36.00	4.0000	Q10-Comox	19078
S19066	0.07	24.00	30.00	2.5000	Q10-Comox	19066
S19123	0.63	76.00	51.00	1.0000	Q10-Comox	19123
S19083	0.70	116.17	35.00	4.0000	Q10-Comox	19082
S19115	0.21	68.67	37.00	4.0000	Q10-Comox	19115
S19056	0.06	55.00	5.00	2.5000	Q10-Comox	19056
S19057	0.40	88.00	18.00	2.5000	Q10-Comox	19057
S19122	1.54	186.91	66.00	1.0000	Q10-Comox	19122
S32031	0.24	35.56	34.00	4.0000	Q10-Comox	32031
S32032	0.16	24.30	39.00	4.0000	Q10-Comox	32031
S32050	0.45	75.00	46.00	1.0000	Q10-Comox	D-18
S24010	0.52	98.09	35.00	8.0000	Q10-Comox	24010
S32055	0.40	75.43	34.00	1.0000	Q10-Comox	32055
S7220	0.52	98.09	35.00	2.0000	Q10-Comox	7220
S19067	0.27	72.80	30.00	2.5000	Q10-Comox	19067
S7280	0.69	83.88	35.00	4.0000	Q10-Comox	7280
S20006	0.67	127.05	37.00	4.0000	Q10-Comox	20006
S7231	0.55	146.67	36.00	2.5000	Q10-Comox	7231
S34011	0.73	122.00	30.00	0.5000	Q10-Comox	34011
S7182	0.71	119.17	44.00	4.0000	Q10-Comox	7182
S20005	1.27	242.10	36.00	4.0000	Q10-Comox	20005
S34010	0.41	68.17	30.00	3.0000	Q10-Comox	34010
S7235	0.26	43.17	36.00	4.0000	Q10-Comox	7235
S7225	1.06	156.44	37.00	6.0000	Q10-Comox	7225
S19085	0.64	107.00	36.00	2.0000	Q10-Comox	19085

S32065	0.75	99.87	34.00	4.0000	Q10-Comox	32065
S10000	1.54	228.74	34.00	3.0000	Q10-Comox	10000
S7226	0.38	56.00	34.00	6.0000	Q10-Comox	7226
S20010	0.28	61.33	36.00	4.0000	Q10-Comox	20010
S24015	0.85	161.52	36.00	8.0000	Q10-Comox	24015
S11000	1.18	181.00	25.00	0.5000	Q10-Comox	11000
S32060	0.60	133.78	35.00	1.0000	Q10-Comox	32060
S7227	0.48	71.26	34.00	3.0000	Q10-Comox	7227
S32075	0.44	72.67	33.00	4.0000	Q10-Comox	32075
S7237	0.26	58.22	70.00	4.0000	Q10-Comox	7237
S32076	0.47	68.33	33.00	4.0000	Q10-Comox	D-17A
S7236	0.57	125.78	70.00	4.0000	Q10-Comox	7236
S19121	1.79	216.85	66.00	1.0000	Q10-Comox	19121
S6	0.30	120.00	34.00	2.0000	Q10-Comox	19113
S19086	0.49	82.00	38.00	2.0000	Q10-Comox	19086
S19125	0.27	45.67	36.00	4.0000	Q10-Comox	19125
S20013	0.07	16.67	30.00	4.0000	Q10-Comox	20013
S20011	0.91	203.11	30.00	4.0000	Q10-Comox	20011
S7228	0.23	38.00	35.00	2.5000	Q10-Comox	7228
S7240	0.93	137.33	34.00	5.0000	Q10-Comox	7240
S20014	0.13	28.22	35.00	4.0000	Q10-Comox	20014
S24020	0.38	72.38	36.00	1.0000	Q10-Comox	24020
S33001	0.70	103.41	34.00	0.8000	Q10-Comox	33001
S19131	0.58	111.43	35.00	2.0000	Q10-Comox	19131
S20016	0.33	74.22	38.00	4.0000	Q10-Comox	20016
S33000	1.12	165.93	35.00	0.8000	Q10-Comox	33000
S19130	1.28	243.62	35.00	2.0000	Q10-Comox	19130
S7242	0.17	56.00	41.00	3.0000	Q10-Comox	7242
S16010	0.59	35.00	35.00	4.0000	Q10-Comox	16010
S32080	0.49	82.33	33.00	4.0000	Q10-Comox	32080
S32086	0.17	57.33	51.00	1.0000	Q10-Comox	32086
S20015	0.55	121.11	35.00	4.0000	Q10-Comox	20015
S19126	0.08	38.00	50.00	4.0000	Q10-Comox	19126
S19135	1.32	176.00	57.00	2.0000	Q10-Comox	19126
S7281	1.93	152.08	34.00	4.0000	Q10-Comox	7281
S32081	0.36	60.67	33.00	4.0000	Q10-Comox	32081
S20019	0.44	97.56	30.00	4.0000	Q10-Comox	20014
S16005	0.42	20.00	35.00	5.0000	Q10-Comox	16005
S7229	0.59	98.33	36.00	2.5000	Q10-Comox	7229
S7238	0.11	24.22	30.00	4.0000	Q10-Comox	7233
S7255	0.42	110.93	35.00	3.5000	Q10-Comox	7255
S3	1.11	500.00	34.00	0.5000	Q10-Comox	33002
S7257	0.68	112.67	35.00	3.5000	Q10-Comox	7257
S24026	0.78	148.76	36.00	4.0000	Q10-Comox	24026
S7245	2.69	359.07	34.00	3.0000	Q10-Comox	7245
S32087	0.48	79.50	39.00	2.0000	Q10-Comox	32087
S30005	0.79	105.20	37.00	0.5000	Q10-Comox	D-17
S24030	0.59	112.19	38.00	1.0000	Q10-Comox	24030
S11005	0.06	20.00	35.00	2.0000	Q10-Comox	11005
S11006	0.40	40.00	40.00	0.5000	Q10-Comox	11006
S30000	0.81	135.83	36.00	4.0000	Q10-Comox	30000
S20021	0.80	132.83	36.00	4.0000	Q10-Comox	20021
S7296	0.28	46.00	34.00	4.0000	Q10-Comox	7296
S7246	0.25	46.86	38.00	3.0000	Q10-Comox	7246
S7258	0.31	69.33	35.00	3.5000	Q10-Comox	7259
S19000_1	0.23	203.83	35.00	1.0000	Q10-Comox	19001
S24045	0.36	121.00	30.00	3.5000	Q10-Comox	24045
S54000	0.70	352.00	50.00	1.0000	Q10-Comox	54000
S31000	0.23	39.00	30.00	2.0000	Q10-Comox	31000
S10001	0.28	93.33	30.00	3.0000	Q10-Comox	10001
S11010	2.41	100.00	65.00	2.0000	Q10-Comox	11010
S7310	0.31	58.09	34.00	3.5000	Q10-Comox	7310
S29000	1.24	275.56	35.00	1.5000	Q10-Comox	29000
S7297	0.29	48.83	41.00	4.0000	Q10-Comox	7297
S24100	1.26	210.67	34.00	1.0000	Q10-Comox	24100
S7248	0.56	92.50	36.00	4.0000	Q10-Comox	7248
S30001	0.75	100.53	33.00	4.0000	Q10-Comox	30001
S11008	0.26	500.00	25.00	0.5000	Q10-Comox	11008
S16006	0.19	20.00	35.00	3.0000	Q10-Comox	16006
S30002	1.51	202.00	34.00	4.0000	Q10-Comox	30002
S24035	0.60	113.52	35.00	4.0000	Q10-Comox	24035
S7252	0.61	101.50	35.00	3.5000	Q10-Comox	7252
S17010	0.55	182.67	33.00	5.0000	Q10-Comox	17010
S30006	0.22	37.33	52.00	0.5000	Q10-Comox	D-16
S7247	0.09	29.33	36.00	4.0000	Q10-Comox	7247
S10002	0.68	112.83	35.00	3.0000	Q10-Comox	10002
S16007	0.11	20.00	35.00	0.5000	Q10-Comox	16007
S7336	1.49	221.33	33.00	5.0000	Q10-Comox	7336
S17005	0.37	37.95	30.00	5.0000	Q10-Comox	17005

S11003	5.00	500.00	25.00	0.5000	Q10-Comox	11003
S16008	0.10	30.00	35.00	2.0000	Q10-Comox	16008
S7299	0.35	77.56	30.00	4.0000	Q10-Comox	7299
S11017	1.06	65.00	30.00	1.0000	Q10-Comox	11017
S7335	1.17	195.67	34.00	5.0000	Q10-Comox	7335
S7261	0.78	103.33	38.00	3.0000	Q10-Comox	7261
S7250	0.03	16.50	50.00	4.0000	Q10-Comox	7250
S7251	0.28	62.00	41.00	4.0000	Q10-Comox	7252
S16001	1.09	100.00	5.00	1.0000	Q10-Comox	16001
S17001	0.79	116.30	32.00	5.0000	Q10-Comox	17001
S24040	0.50	95.81	36.00	1.0000	Q10-Comox	24040
S11011	0.69	100.00	60.00	2.0000	Q10-Comox	11011
S7275	0.19	49.87	42.00	4.0000	Q10-Comox	7275
S7311	0.56	106.29	50.00	3.5000	Q10-Comox	7311
S7260	0.21	68.67	36.00	3.0000	Q10-Comox	7260
S10022	1.21	146.67	54.00	3.0000	Q10-Comox	10022
S7271	0.53	70.80	34.00	4.0000	Q10-Comox	7271
S16015	7.35	250.00	5.00	2.0000	Q10-Comox	16015
S17021	1.25	166.40	35.00	5.0000	Q10-Comox	17021
S7316	1.35	224.83	50.00	3.5000	Q10-Comox	7316
S50041	1.19	60.00	35.00	2.0000	Q10-Comox	50041
S30010	0.17	86.00	70.00	4.0000	Q10-Comox	30010
S7305	0.55	121.78	50.00	7.0000	Q10-Comox	7305
S17075	7.21	213.66	5.00	4.0000	Q10-Comox	17075
S24046	0.78	130.33	36.00	2.5000	Q10-Comox	24046
S7337	0.29	63.78	40.00	7.0000	Q10-Comox	7337
S27000	0.88	146.17	38.00	4.0000	Q10-Comox	27000
S7276	1.29	114.84	71.00	4.0000	Q10-Comox	7276
S7317	0.28	73.87	50.00	3.5000	Q10-Comox	7317
S7282	0.75	110.67	56.00	4.0000	Q10-Comox	7282
S10020	0.79	116.44	30.00	3.0000	Q10-Comox	10020
S17016	0.39	73.91	35.00	5.0000	Q10-Comox	17016
S7340	0.51	67.87	39.00	7.0000	Q10-Comox	7340
S10015	0.53	87.83	34.00	3.0000	Q10-Comox	10015
S7266	0.42	70.17	36.00	4.0000	Q10-Comox	7266
S7312	0.79	55.58	38.00	3.5000	Q10-Comox	7312
S7262	0.13	53.60	40.00	4.0000	Q10-Comox	7260
S24105	1.58	262.50	35.00	2.0000	Q10-Comox	24105
S7342	0.75	60.00	35.00	4.5000	Q10-Comox	7342
S7339	0.92	153.33	35.00	6.0000	Q10-Comox	7339
S24050	0.47	89.14	35.00	1.0000	Q10-Comox	24050
S17011	0.18	61.33	30.00	5.0000	Q10-Comox	17011
S7272	0.54	79.56	35.00	4.0000	Q10-Comox	7272
S27001	0.33	55.33	48.00	4.0000	Q10-Comox	D-15
S11012	0.17	30.00	30.00	1.0000	Q10-Comox	11030
S26000	0.67	127.62	35.00	2.0000	Q10-Comox	26000
S7318	0.33	62.09	50.00	3.5000	Q10-Comox	7318
S24056	0.28	73.33	30.00	5.0000	Q10-Comox	24056
S11015	0.23	30.00	30.00	2.0000	Q10-Comox	11015
S24057	0.70	93.47	5.00	3.0000	Q10-Comox	24057
S10018	0.45	60.40	36.00	3.0000	Q10-Comox	10018
S7341	0.28	61.33	41.00	5.0000	Q10-Comox	7341
S27005	0.59	72.12	33.00	4.0000	Q10-Comox	27005
S11030	1.22	100.00	35.00	3.0000	Q10-Comox	11030
S17022	0.54	89.67	35.00	5.0000	Q10-Comox	17022
S27006	1.24	150.42	34.00	4.0000	Q10-Comox	27006
S7267	0.09	45.50	50.00	4.0000	Q10-Comox	7267
S11013	0.25	50.00	35.00	3.0000	Q10-Comox	11013
S27010	0.62	103.83	38.00	4.0000	Q10-Comox	27010
S7268	1.23	117.05	38.00	4.0000	Q10-Comox	7268
S20035	1.12	249.11	50.00	4.0000	Q10-Comox	20035
S7273	0.30	56.57	45.00	4.0000	Q10-Comox	7273
S10026	1.40	186.80	33.00	3.0000	Q10-Comox	10026
S7314	0.32	52.67	43.00	3.5000	Q10-Comox	7314
S7319	0.46	76.17	50.00	3.5000	Q10-Comox	7319
S24060	0.86	164.76	36.00	1.0000	Q10-Comox	24060
S10024	0.42	69.33	37.00	3.0000	Q10-Comox	10021
S10023	0.13	21.17	36.00	3.0000	Q10-Comox	10023
S11025	0.20	25.00	35.00	2.0000	Q10-Comox	11025
S10019	0.07	34.00	50.00	3.0000	Q10-Comox	10019
S26001	0.41	68.50	37.00	1.0000	Q10-Comox	26001
S7343	1.43	238.17	34.00	4.0000	Q10-Comox	7343
S11045	0.12	10.00	65.00	2.0000	Q10-Comox	11045
S54016	1.43	136.10	17.00	1.0000	Q10-Comox	54016
S17025	0.45	75.50	35.00	5.0000	Q10-Comox	17025
S7313	0.19	35.24	50.00	3.5000	Q10-Comox	7313
S11026	0.57	40.00	35.00	2.0000	Q10-Comox	11026
S7287	0.94	78.25	75.00	4.5000	Q10-Comox	7287
S7285	0.52	139.73	79.00	5.0000	Q10-Comox	7285

S17100	0.56	107.62	40.00	3.5000	Q10-Comox	D-14
S7269	0.27	59.11	41.00	4.0000	Q10-Comox	7269
S17115	0.44	110.25	42.00	3.5000	Q10-Comox	D-14
S11_4	2.66	495.67	36.00	4.0000	Q10-Comox	20050
S24055	0.34	90.67	30.00	5.0000	Q10-Comox	24055
S10032	3.13	261.17	64.00	6.0000	Q10-Comox	10032
S10035	1.11	122.78	33.00	6.0000	Q10-Comox	10035
S26002	0.93	154.67	34.00	2.0000	Q10-Comox	26002
S7344	0.23	90.00	45.00	4.0000	Q10-Comox	7341
S7270	0.07	37.00	50.00	4.0000	Q10-Comox	7270
S10030	0.35	67.43	50.00	6.0000	Q10-Comox	10030
S7346	0.82	99.15	90.00	4.0000	Q10-Comox	7346
S7274	0.04	22.50	50.00	4.0000	Q10-Comox	7273
S24065	0.75	124.50	34.00	5.0000	Q10-Comox	24065
S7320	0.12	27.11	50.00	3.5000	Q10-Comox	7320
S7286	0.32	71.33	83.00	4.5000	Q10-Comox	7286
S24106	1.85	308.50	35.00	1.5000	Q10-Comox	24105
S17105	0.98	164.00	35.00	3.5000	Q10-Comox	17105
S17106	0.45	74.67	36.00	3.5000	Q10-Comox	17106
S7332	0.92	136.59	30.00	5.0000	Q10-Comox	7332
S7321	0.27	60.67	50.00	3.5000	Q10-Comox	7321
S7350	0.13	63.50	70.00	2.0000	Q10-Comox	7350
S24070	0.42	79.24	37.00	2.5000	Q10-Comox	24070
S7345	0.31	156.50	70.00	2.0000	Q10-Comox	7346
S11046	0.13	15.00	65.00	2.0000	Q10-Comox	11046
S7351	0.40	53.60	34.00	6.0000	Q10-Comox	7351
S17123	0.15	33.11	37.00	0.5000	Q10-Comox	D-13
S10031	0.13	25.33	63.00	6.0000	Q10-Comox	10031
S17120	0.21	46.89	34.00	0.5000	Q10-Comox	17110
S10034	1.48	196.67	63.00	6.0000	Q10-Comox	10034
S7011	0.12	19.67	34.00	6.0000	Q10-Comox	7011
S25000	0.34	49.63	34.00	0.5000	Q10-Comox	25000
S7010	0.19	32.00	41.00	6.0000	Q10-Comox	7010
S7001	0.20	44.44	33.00	5.0000	Q10-Comox	7001
S54035	0.22	107.50	50.00	1.0000	Q10-Comox	54018
S17026	0.09	45.00	50.00	5.0000	Q10-Comox	17026
S7000	0.36	80.89	34.00	5.0000	Q10-Comox	7000
S54017	1.06	101.05	14.00	1.0000	Q10-Comox	54017
S7329	0.21	103.50	75.00	2.0000	Q10-Comox	7329
S13000	2.67	118.89	9.00	2.0000	Q10-Comox	13000
S7307	0.06	28.00	35.00	7.0000	Q10-Comox	7308
S54045	1.33	88.73	13.00	8.0000	Q10-Comox	54018
S54040	5.88	230.67	12.00	4.0000	Q10-Comox	54018
S7355	0.56	188.33	30.00	7.0000	Q10-Comox	7355
S7324	0.52	63.39	62.00	3.5000	Q10-Comox	7322
S5000	0.45	29.73	39.00	4.5000	Q10-Comox	5000
S24075	0.75	143.43	35.00	4.0000	Q10-Comox	24075
S17107	0.03	13.00	50.00	3.5000	Q10-Comox	17107
S10033	0.49	82.33	52.00	6.0000	Q10-Comox	10033
S26003	0.41	68.50	33.00	1.0000	Q10-Comox	26003
S7328	0.26	131.00	75.00	2.0000	Q10-Comox	7328
S17034	0.38	71.43	35.00	1.0000	Q10-Comox	17034
S17031	0.19	35.81	34.00	2.0000	Q10-Comox	17031
S17030	0.61	115.62	33.00	2.0000	Q10-Comox	17030
S11033	0.27	40.00	50.00	2.0000	Q10-Comox	11033
S7012	0.43	71.50	36.00	6.0000	Q10-Comox	7012
S5002	1.53	52.17	36.00	4.5000	Q10-Comox	5002
S7003	0.28	94.67	30.00	5.0000	Q10-Comox	7003
S7325	0.10	49.00	75.00	3.5000	Q10-Comox	7325
S10040	0.99	82.17	70.00	6.0000	Q10-Comox	10040
S7005	0.46	77.33	34.00	5.0000	Q10-Comox	7005
S5003	3.29	91.36	35.00	4.5000	Q10-Comox	5003
S7018	0.75	166.22	37.00	6.0000	Q10-Comox	7018
S7015	0.07	16.44	33.00	6.0000	Q10-Comox	7015
S11038	0.72	30.00	80.00	5.0000	Q10-Comox	11038
S20040	0.22	109.50	70.00	2.0000	Q10-Comox	20040
S24080	0.38	72.38	35.00	4.0000	Q10-Comox	24080
S7006	0.25	54.44	35.00	5.0000	Q10-Comox	7006
S7016	0.13	28.22	39.00	6.0000	Q10-Comox	7016
S17036	0.09	45.00	50.00	2.0000	Q10-Comox	17036
S17039	0.62	102.67	32.00	2.0000	Q10-Comox	17039
S5001	0.02	10.50	50.00	4.5000	Q10-Comox	5001
S17033	0.44	83.24	36.00	1.0000	Q10-Comox	17033
S17037	0.62	117.52	36.00	2.0000	Q10-Comox	17037
S24087	0.44	74.00	34.00	3.0000	Q10-Comox	24087
S11034	0.40	30.00	80.00	5.0000	Q10-Comox	11034
S5010	0.45	100.00	34.00	4.5000	Q10-Comox	5010
S24086	0.32	53.50	32.00	4.0000	Q10-Comox	24086
S24085	0.27	60.44	30.00	4.0000	Q10-Comox	24085

S17133	0.33	73.33	32.00	0.5000	Q10-Comox	17133
S11047	0.06	10.00	80.00	5.0000	Q10-Comox	11047
S1000	1.70	263.57	52.00	2.5000	Q10-Comox	1000
S16016	0.18	50.00	80.00	3.0000	Q10-Comox	16022
S16020	0.26	20.00	70.00	2.0000	Q10-Comox	16021
S5011	0.31	68.22	35.00	4.5000	Q10-Comox	5011
S17078	0.60	89.33	65.00	2.0000	Q10-Comox	17078
S24091	0.36	68.19	39.00	1.0000	Q10-Comox	24091
S5015	0.50	83.17	33.00	4.5000	Q10-Comox	5015
S24090	0.08	42.00	50.00	3.0000	Q10-Comox	24090
S10042	0.26	69.87	33.00	6.5000	Q10-Comox	10042
S17080	0.52	77.19	66.00	2.0000	Q10-Comox	17080
S11048	0.30	40.00	50.00	5.0000	Q10-Comox	11048
S16022	1.19	100.00	90.00	2.0000	Q10-Comox	J165
S5030	0.38	83.78	36.00	4.5000	Q10-Comox	5030
S5012	0.19	63.67	37.00	4.5000	Q10-Comox	5012
S17127	0.23	50.22	57.00	0.5000	Q10-Comox	17127
S17131	0.37	55.41	37.00	0.5000	Q10-Comox	17131
S17134	0.38	56.15	43.00	0.5000	Q10-Comox	17132
S17130	0.55	81.33	61.00	0.5000	Q10-Comox	17130
S11039	0.38	50.00	90.00	2.0000	Q10-Comox	11037
S11036	0.03	7.00	90.00	4.0000	Q10-Comox	11036
S5016	0.28	46.50	34.00	4.5000	Q10-Comox	5016
S10041	0.13	44.33	41.00	6.5000	Q10-Comox	10041
S17041	0.28	62.44	67.00	2.0000	Q10-Comox	17041
S11052	5.00	500.00	25.00	0.5000	Q10-Comox	11051
S54001	0.13	66.50	50.00	4.0000	Q10-Comox	54001
S8015	0.52	115.33	35.00	5.0000	Q10-Comox	8015
S8000	0.18	60.33	37.00	5.0000	Q10-Comox	8000
S17047	0.20	43.56	61.00	2.0000	Q10-Comox	17047
S54055	0.38	189.50	50.00	8.0000	Q10-Comox	54018
S17045	0.52	115.78	46.00	2.0000	Q10-Comox	17045
S3000	0.20	32.67	30.00	2.0000	Q10-Comox	3000
S10044	0.18	39.33	43.00	6.5000	Q10-Comox	10043
S54005	0.53	50.09	40.00	0.5000	Q10-Comox	54005
S5020	0.41	77.52	34.00	4.5000	Q10-Comox	5020
S2001	0.44	83.81	38.00	2.0000	Q10-Comox	2001
S17128	0.65	145.11	37.00	0.5000	Q10-Comox	17128
S23001	0.17	32.19	37.00	0.5000	Q10-Comox	23001
S16025	0.34	45.00	90.00	2.0000	Q10-Comox	16025
S23010	0.64	121.14	36.00	0.5000	Q10-Comox	23010
S10052	0.23	60.00	39.00	6.5000	Q10-Comox	10052
S54060_2	0.39	50.00	18.00	4.0000	Q10-Comox	54060
S23005	0.44	98.67	36.00	0.5000	Q10-Comox	23005
S11053	0.55	80.00	90.00	2.0000	Q10-Comox	11051
S10057	0.20	44.67	42.00	6.5000	Q10-Comox	10057
S5021	0.39	74.09	35.00	4.5000	Q10-Comox	5021
S15	1.76	300.00	65.00	4.9000	Q10-Comox	54060
S16026	0.89	60.00	60.00	2.0000	Q10-Comox	16025
S8005	0.24	65.07	32.00	5.0000	Q10-Comox	8005
S10051	0.39	103.47	75.00	6.5000	Q10-Comox	10051
S17081	0.11	53.00	50.00	2.0000	Q10-Comox	17081
S3001	0.62	102.67	30.00	2.0000	Q10-Comox	3001
S17050	0.23	51.33	36.00	5.0000	Q10-Comox	17050
S16030	1.44	125.00	90.00	1.0000	Q10-Comox	16030
S5022	0.17	57.33	36.00	4.5000	Q10-Comox	5022
S17083	0.59	86.96	10.00	2.0000	Q10-Comox	17083
S17082	0.47	62.67	5.00	2.0000	Q10-Comox	17082
S11050	0.37	75.00	90.00	1.0000	Q10-Comox	11050
S17136	0.32	71.11	30.00	3.0000	Q10-Comox	17136
S5025	0.38	72.38	34.00	4.5000	Q10-Comox	5025
S10050	0.10	51.00	50.00	6.5000	Q10-Comox	10050
S8006	0.27	71.73	37.00	5.0000	Q10-Comox	8006
S17135	0.06	32.00	70.00	3.0000	Q10-Comox	17135A
S17065	0.59	157.07	36.00	3.0000	Q10-Comox	17065
S10060	0.88	146.17	34.00	6.5000	Q10-Comox	10060
S17137	0.76	168.44	58.00	3.0000	Q10-Comox	17137
S11056	0.27	50.00	90.00	2.0000	Q10-Comox	11056
S5026	0.28	52.38	35.00	4.5000	Q10-Comox	5026
S8010	0.14	55.60	38.00	5.0000	Q10-Comox	8010
S54080	0.06	31.50	50.00	1.0000	Q10-Comox	54070
S17051	0.05	24.00	50.00	5.0000	Q10-Comox	17051
S17052	0.48	92.38	34.00	2.5000	Q10-Comox	17052
S17066	0.28	75.20	38.00	3.0000	Q10-Comox	17066
S17150	0.31	83.20	34.00	3.0000	Q10-Comox	17150
S54075	0.33	166.00	50.00	5.0000	Q10-Comox	54075
S17151	0.60	158.93	32.00	3.0000	Q10-Comox	17151
S13011	0.44	117.33	82.00	5.0000	Q10-Comox	13011
S17140	0.51	112.67	41.00	3.0000	Q10-Comox	17140

S11058	0.89	60.00	90.00	5.0000	Q10-Comox	11057
S2002	0.46	121.60	32.00	2.0000	Q10-Comox	2002
S1001	0.49	109.56	30.00	2.0000	Q10-Comox	1001
S8020	0.69	115.83	30.00	5.0000	Q10-Comox	8020
S17141	0.65	173.60	58.00	3.0000	Q10-Comox	17141
S16027	0.83	80.00	90.00	2.0000	Q10-Comox	J174
S12000	0.59	158.13	73.00	6.0000	Q10-Comox	12000
S13005	0.16	53.67	81.00	5.0000	Q10-Comox	13005
S16031	0.98	125.00	90.00	2.0000	Q10-Comox	16031
S17053	0.22	73.67	43.00	1.0000	Q10-Comox	17053
S12001	0.41	136.00	90.00	9.0000	Q10-Comox	12001
S17084	0.79	80.51	68.00	2.0000	Q10-Comox	17084
S13015	0.26	56.89	75.00	5.0000	Q10-Comox	13015
S17055	0.56	107.05	32.00	1.0000	Q10-Comox	17055
S22000	0.28	111.20	30.00	5.0000	Q10-Comox	22000
S17056	0.41	137.00	70.00	1.0000	Q10-Comox	17056
S13020	0.22	86.00	60.00	5.0000	Q10-Comox	13020
S12005	0.81	108.13	56.00	9.0000	Q10-Comox	12005
S13021	0.33	87.20	76.00	5.0000	Q10-Comox	13021
S17070	0.61	134.67	33.00	3.0000	Q10-Comox	17070
S17085	0.41	77.52	67.00	2.0000	Q10-Comox	17085
S17086	0.83	184.22	55.00	2.0000	Q10-Comox	17086
S13025	0.40	75.24	76.00	9.0000	Q10-Comox	13025
S17057A	0.60	199.67	70.00	1.0000	Q10-Comox	17096
S16032	0.39	70.00	70.00	2.0000	Q10-Comox	16028
S14000	0.40	65.83	77.00	2.0000	Q10-Comox	14000
S17071	0.39	104.80	37.00	3.0000	Q10-Comox	17071
S17058	0.23	62.40	30.00	1.0000	Q10-Comox	17053A
S22001	0.11	56.50	50.00	5.0000	Q10-Comox	22001
S14001	0.62	103.83	78.00	2.0000	Q10-Comox	14001
S12010	0.29	144.00	90.00	1.0000	Q10-Comox	J12
S17061	0.10	32.67	30.00	3.0000	Q10-Comox	17061
S16035	0.32	40.00	30.00	2.0000	Q10-Comox	16035
S22010	0.36	96.80	35.00	5.0000	Q10-Comox	22010
S22002	0.09	37.60	43.00	5.0000	Q10-Comox	22002
S22005	0.41	109.07	39.00	5.0000	Q10-Comox	22005
S17088	0.23	115.50	70.00	2.0000	Q10-Comox	17088
S17089	0.07	34.00	70.00	2.0000	Q10-Comox	17089
S17090	1.38	153.11	30.00	3.0000	Q10-Comox	17090
S18011	0.74	164.89	34.00	2.0000	Q10-Comox	18011
S16041	0.12	80.00	75.00	1.0000	Q10-Comox	16041
S21010	1.01	193.33	34.00	3.0000	Q10-Comox	21010
S14003	0.36	68.76	36.00	9.0000	Q10-Comox	14003
S14002	0.04	18.00	50.00	9.0000	Q10-Comox	14002
S18005	0.81	135.50	34.00	2.0000	Q10-Comox	18005
S21001	0.66	124.95	36.00	3.0000	Q10-Comox	21001
S18010	0.16	63.20	38.00	2.0000	Q10-Comox	18010
S17091	0.48	159.33	30.00	3.0000	Q10-Comox	17091
S15000	0.37	82.67	35.00	1.0000	Q10-Comox	15000
S21011	0.60	114.86	35.00	3.0000	Q10-Comox	21011
S18012	0.06	31.00	50.00	20.0000	Q10-Comox	18012
S17092	0.33	109.67	30.00	3.0000	Q10-Comox	17092
S50040	0.75	125.50	33.00	0.5000	Q10-Comox	50040
S50055	0.83	138.00	36.00	0.5000	Q10-Comox	50055
S50056	0.65	107.67	35.00	4.0000	Q10-Comox	50055
S50060	0.15	50.00	30.00	1.0000	Q10-Comox	50060
S50070	0.53	87.83	35.00	4.0000	Q10-Comox	50070
S19005	3.12	462.22	48.00	2.0000	Q10-Comox	19005
S7167	1.63	154.95	71.00	2.5000	Q10-Comox	7167
S19010	0.95	180.76	34.00	2.0000	Q10-Comox	19010
S45005	0.29	76.27	34.00	5.0000	Q10-Comox	45005
S45010	0.07	23.00	30.00	4.0000	Q10-Comox	45002
S45001	0.11	21.33	38.00	0.5000	Q10-Comox	45002
S45000	0.63	92.89	34.00	0.5000	Q10-Comox	45000
S43000	0.41	69.17	35.00	0.5000	Q10-Comox	43000
S7163	0.66	125.14	35.00	4.0000	Q10-Comox	7163
S7169	0.17	56.67	44.00	3.0000	Q10-Comox	7169
S7164	0.60	114.10	35.00	4.0000	Q10-Comox	7164
S7172	1.24	165.87	62.00	2.5000	Q10-Comox	7172
S7195	0.66	109.83	36.00	6.0000	Q10-Comox	7195
S7197	1.25	209.17	35.00	6.0000	Q10-Comox	7197
S7206	0.43	57.20	32.00	5.0000	Q10-Comox	7206
S36040	0.28	73.87	40.00	1.5000	Q10-Comox	36040
S53301	0.62	117.52	36.00	4.0000	Q10-Comox	53301
S35002	0.55	92.17	39.00	5.0000	Q10-Comox	35002
S53125	0.77	128.00	43.00	1.0000	Q10-Comox	53125
S53132	0.40	52.93	30.00	0.5000	Q10-Comox	53132
S53300	1.08	206.29	34.00	4.0000	Q10-Comox	53300
S53325	0.19	42.22	34.00	4.0000	Q10-Comox	53316

S19106	0.15	49.00	70.00	2.5000	Q10-Comox	19106
S36051	0.98	162.67	47.00	2.5000	Q10-Comox	36040
S19113	0.46	153.33	30.00	2.0000	Q10-Comox	19113
S19112	0.62	118.29	34.00	2.0000	Q10-Comox	19112
S53135	0.72	159.33	30.00	3.0000	Q10-Comox	J33
S32006	0.25	54.44	36.00	5.0000	Q10-Comox	32006
S32010	0.38	56.30	35.00	0.2000	Q10-Comox	32010
S53315	0.22	48.00	33.00	4.0000	Q10-Comox	53315
S32020	0.24	39.50	35.00	1.0000	Q10-Comox	32020
S32001	0.92	154.00	34.00	4.0000	Q10-Comox	32001
S19111	1.09	208.19	34.00	1.0000	Q10-Comox	19111
S54020	5.36	446.75	15.00	1.0000	Q10-Comox	54016
S32045	0.76	113.04	32.00	4.0000	Q10-Comox	32045
S54030	10.07	373.63	13.00	1.0000	Q10-Comox	54018
S7217	1.17	173.04	35.00	6.0000	Q10-Comox	7217
S7218	0.80	120.59	34.00	6.0000	Q10-Comox	7218
S7219	0.74	109.33	35.00	2.0000	Q10-Comox	7219
S32025	0.18	30.67	36.00	0.5000	Q10-Comox	32025
S32030	0.31	45.33	36.00	4.0000	Q10-Comox	32030
S20020_1	1.20	500.00	25.00	0.5000	Q10-Comox	20050
S11002	5.00	500.00	25.00	0.5000	Q10-Comox	11002
S7301	0.97	185.71	36.00	4.0000	Q10-Comox	7301
S7302	0.59	39.40	38.00	4.0000	Q10-Comox	7302
S10005	0.46	87.62	34.00	3.0000	Q10-Comox	10005
S10007	0.31	83.47	36.00	3.0000	Q10-Comox	10007
S29001	0.43	96.00	36.00	1.0000	Q10-Comox	29001
S7300	0.45	99.11	30.00	4.0000	Q10-Comox	7300
S10003	0.50	74.09	35.00	3.0000	Q10-Comox	10003
S10010	0.85	158.52	34.00	3.0000	Q10-Comox	10010
S28000	0.90	172.00	35.00	3.0000	Q10-Comox	28000
S10017	0.16	27.50	50.00	3.0000	Q10-Comox	10017
S25010	0.47	69.04	32.00	5.0000	Q10-Comox	25010
S17125	0.71	156.89	45.00	0.5000	Q10-Comox	17125
S17122	0.20	45.33	34.00	0.5000	Q10-Comox	17110
S25005	0.33	48.59	34.00	0.5000	Q10-Comox	25005
S7020	1.20	123.49	36.00	6.0000	Q10-Comox	7020
S17126	1.28	243.81	33.00	0.5000	Q10-Comox	17126
S23000	0.88	167.62	33.00	0.5000	Q10-Comox	23000
S10055	0.38	55.56	35.00	6.5000	Q10-Comox	10055
S10056	1.15	170.82	35.00	6.5000	Q10-Comox	10056
S6000	0.97	161.83	36.00	3.0000	Q10-Comox	6000
S9000	0.37	98.67	32.00	5.0000	Q10-Comox	9000
S9005	0.54	89.67	37.00	5.0000	Q10-Comox	9005
S5031	0.31	68.67	37.00	4.5000	Q10-Comox	5031
S9010	0.46	102.89	31.00	5.0000	Q10-Comox	9010
S5005	0.62	165.60	36.00	4.5000	Q10-Comox	5005
S17067	0.73	161.78	34.00	3.0000	Q10-Comox	17067
S5027	0.08	17.56	38.00	4.5000	Q10-Comox	5027
S17147	0.54	120.22	38.00	3.0000	Q10-Comox	17147
S17146	1.81	481.60	37.00	3.0000	Q10-Comox	17146
S17068	0.48	108.00	35.00	3.0000	Q10-Comox	17068
S17072	0.68	182.40	34.00	3.0000	Q10-Comox	17072
S17153	0.32	71.11	40.00	3.0000	Q10-Comox	17060
S17073	1.05	278.22	36.00	3.0000	Q10-Comox	17072
S18000	0.43	81.00	34.00	3.0000	Q10-Comox	18000
S21000	0.33	88.00	30.00	3.0000	Q10-Comox	21000
S15005	0.89	237.33	35.00	1.0000	Q10-Comox	15005
S7035	3.01	221.64	50.00	1.0000	Q10-Comox	7035
S50062	1.20	228.00	34.00	2.5000	Q10-Comox	50062
S50071	0.93	155.67	36.00	3.0000	Q10-Comox	50071
S50090	0.91	152.17	36.00	3.5000	Q10-Comox	50090
S50063	0.64	122.67	34.00	2.5000	Q10-Comox	50063
S50147	0.56	106.10	52.00	4.0000	Q10-Comox	50147
S46001	0.91	152.17	34.00	0.5000	Q10-Comox	46001
S46000	0.90	150.17	34.00	3.0000	Q10-Comox	46000
S39060	1.21	201.83	35.00	4.0000	Q10-Comox	39060
S36025	1.31	217.67	34.00	8.0000	Q10-Comox	36025
S37000	0.54	103.24	34.00	0.5000	Q10-Comox	37000
S36030	0.30	79.73	38.00	5.0000	Q10-Comox	36030
S20022_1	1.22	324.00	33.00	4.0000	Q10-Comox	20020
S20002	0.53	117.11	35.00	4.0000	Q10-Comox	20002
S7330	1.65	243.70	33.00	5.5000	Q10-Comox	7330
S7306	0.62	138.00	50.00	7.0000	Q10-Comox	7306
S11031	0.36	80.00	35.00	2.0000	Q10-Comox	J23
S10037	1.13	166.82	33.00	6.0000	Q10-Comox	10037
S7331	0.51	75.26	34.00	5.5000	Q10-Comox	7331
S11032	0.34	80.00	35.00	2.0000	Q10-Comox	J24
S7326	0.32	42.53	35.00	3.5000	Q10-Comox	7326
S11035	0.70	40.00	40.00	3.0000	Q10-Comox	11035

S7356	2.25	375.33	17.00	5.0000	Q10-Comox	7356
S5032	0.35	117.67	36.00	4.5000	Q10-Comox	5032
S6002	0.61	46.67	36.00	3.0000	Q10-Comox	6002
S16045	1.34	70.00	25.00	2.0000	Q10-Comox	16036
S11	2.69	200.00	65.00	1.0000	Q10-Comox	J96
SJ120	1.41	70.00	35.00	0.5000	Q10-Comox	J120
S7117	0.65	75.00	30.00	2.0000	Q10-Comox	7117
S17054	0.59	100.00	60.00	2.0000	Q10-Comox	17054
SJ112	1.21	100.00	35.00	1.0000	Q10-Comox	J112
SJ117	1.47	70.00	35.00	2.0000	Q10-Comox	J117
SJ143	1.08	70.00	35.00	2.0000	Q10-Comox	J143
SJ142	0.82	70.00	35.00	1.0000	Q10-Comox	J142
SJ141	0.64	70.00	35.00	2.0000	Q10-Comox	J141
SJ144	0.92	70.00	35.00	3.0000	Q10-Comox	J144
SJ148	0.69	70.00	35.00	4.0000	Q10-Comox	J148
SJ147	0.42	60.00	25.00	2.0000	Q10-Comox	J147
S-SU5	0.36	60.00	5.00	2.0000	Q10-Comox	SU5
S150	0.92	70.00	35.00	3.0000	Q10-Comox	J150
SJ131	0.93	70.00	35.00	2.0000	Q10-Comox	J131
SJ132	1.10	100.00	25.00	2.0000	Q10-Comox	J132
S140	1.22	80.00	35.00	2.0000	Q10-Comox	J140
SJ134	0.90	90.00	35.00	2.0000	Q10-Comox	J134
SJ123	0.70	80.00	35.00	3.0000	Q10-Comox	J123
SJ128	0.98	70.00	35.00	2.0000	Q10-Comox	J128
SJ127	1.04	70.00	35.00	2.0000	Q10-Comox	J127
SJ126	1.58	90.00	25.00	3.0000	Q10-Comox	J126
SJ125	1.33	90.00	25.00	3.0000	Q10-Comox	J125
SJ122	0.67	70.00	35.00	3.0000	Q10-Comox	J122
SJ129	0.84	50.00	35.00	2.0000	Q10-Comox	J129
SJ96	0.69	60.00	35.00	1.0000	Q10-Comox	J96
SJ107	0.63	70.00	35.00	1.0000	Q10-Comox	J107
SJ108	0.65	70.00	35.00	1.0000	Q10-Comox	J108
SJ109	0.42	50.00	35.00	1.0000	Q10-Comox	J109
SJ175	1.73	150.00	50.00	1.0000	Q10-Comox	J175
SJ97	0.48	100.00	35.00	1.0000	Q10-Comox	J97
SJ99	0.51	100.00	35.00	1.0000	Q10-Comox	J99
SJ7292	0.28	40.00	35.00	4.0000	Q10-Comox	7292
SJ86	1.46	80.00	35.00	2.0000	Q10-Comox	J86
SJ90	1.09	60.00	35.00	2.0000	Q10-Comox	J90
SJ91	0.68	80.00	35.00	1.0000	Q10-Comox	J91
SJ101	0.63	100.00	35.00	2.0000	Q10-Comox	J101
SJ76	1.32	80.00	35.00	2.0000	Q10-Comox	J76
SJ85	1.05	80.00	35.00	2.0000	Q10-Comox	J85
SJ84	0.66	100.00	35.00	2.0000	Q10-Comox	J84
SJ75	0.54	100.00	35.00	3.0000	Q10-Comox	J75
SJ74	0.47	100.00	35.00	2.0000	Q10-Comox	J74
SJ105	0.69	60.00	35.00	2.0000	Q10-Comox	J105
SJ103	0.59	90.00	35.00	2.0000	Q10-Comox	J103
SJ104	0.43	500.00	35.00	1.0000	Q10-Comox	J104
SJ66	0.31	40.00	35.00	2.0000	Q10-Comox	J66
SJ64	0.59	70.00	35.00	2.0000	Q10-Comox	J64
SJ68	0.58	60.00	40.00	1.0000	Q10-Comox	J68
SJ67	0.45	50.00	35.00	1.0000	Q10-Comox	J67
SJ63	0.38	50.00	35.00	2.0000	Q10-Comox	J62
SJ61	0.73	80.00	35.00	1.0000	Q10-Comox	J61
SJ59	0.30	40.00	35.00	1.0000	Q10-Comox	J59
S-SU3	0.51	75.00	5.00	2.0000	Q10-Comox	SU3
SJ82	0.84	80.00	35.00	2.0000	Q10-Comox	J102
SJ81	0.49	40.00	35.00	2.0000	Q10-Comox	J81
SJ55	0.71	70.00	35.00	1.0000	Q10-Comox	J55
SJ58	0.24	50.00	35.00	1.0000	Q10-Comox	J58
SJ54	0.41	500.00	25.00	0.5000	Q10-Comox	J54
SJ53	0.66	70.00	35.00	1.0000	Q10-Comox	J53
SJ52	0.47	60.00	35.00	1.0000	Q10-Comox	J50
SJ92	1.30	150.00	35.00	4.0000	Q10-Comox	J92
SJ77	0.37	60.00	35.00	2.0000	Q10-Comox	J77
SJ-SU2	0.27	50.00	20.00	2.0000	Q10-Comox	SU2
SJ70	0.76	90.00	35.00	2.0000	Q10-Comox	J70
S1	1.13	100.00	35.00	2.0000	Q10-Comox	J71
S2	0.81	150.00	80.00	2.0000	Q10-Comox	53003
S17000_1	0.21	294.22	48.00	5.0000	Q10-Comox	19122
S17000_2	0.58	294.22	48.00	5.0000	Q10-Comox	17000
S3_1	0.56	300.00	40.00	5.0000	Q10-Comox	19122
S3_2	0.57	300.00	40.00	5.0000	Q10-Comox	17001
S4	1.27	275.00	35.00	1.5000	Q10-Comox	29005
S7290_1	0.34	110.67	35.00	4.0000	Q10-Comox	7291
S7290_2	0.32	110.67	35.00	4.0000	Q10-Comox	7296
S20020_2	4.20	500.00	25.00	0.5000	Q10-Comox	20050
S5	0.78	500.00	68.00	2.0000	Q10-Comox	2000

S21005_1	0.37	108.57	35.00	3.0000	Q10-Comox	21002
S21005_2	0.20	108.57	35.00	3.0000	Q10-Comox	21015
S19100_1	0.55	252.57	34.00	2.5000	Q10-Comox	40015
S19100_2	0.77	252.57	34.00	2.5000	Q10-Comox	19100
S20001_2	0.72	216.76	17.00	4.0000	Q10-Comox	20050
S20022_2	0.73	324.00	33.00	4.0000	Q10-Comox	20050
S7259_1	0.16	46.17	30.00	3.5000	Q10-Comox	7258
S7259_2	0.39	46.17	30.00	3.5000	Q10-Comox	7250
S19000_2	1.00	203.83	35.00	1.0000	Q10-Comox	19000
S47001_1	0.94	155.03	49.00	5.0000	Q10-Comox	J159
S47001_2	0.21	155.03	49.00	5.0000	Q10-Comox	47001
S47001_4	0.81	155.03	49.00	5.0000	Q10-Comox	J154
S47001_5	1.54	155.03	49.00	5.0000	Q10-Comox	J160
S47001_6	0.63	155.03	49.00	5.0000	Q10-Comox	J155
S47001_7	0.52	155.03	49.00	5.0000	Q10-Comox	J157
S19001_1	0.44	127.56	36.00	1.0000	Q10-Comox	19002
S19001_2	0.14	127.56	36.00	1.0000	Q10-Comox	19002
S53012_2	0.14	165.14	35.00	0.5000	Q10-Comox	39035
S53010_2	0.51	111.81	35.00	0.5000	Q10-Comox	53010
S32070_2	1.25	126.10	35.00	0.5000	Q10-Comox	32070
S7	1.29	120.00	34.00	1.0000	Q10-Comox	53125
S8	0.10	120.00	35.00	1.0000	Q10-Comox	53090
S4000_1	0.78	221.91	37.00	10.0000	Q10-Comox	4000
S4000_2	0.38	221.91	37.00	10.0000	Q10-Comox	4001
S16040_1	0.22	170.00	35.00	2.0000	Q10-Comox	16045
S16040_2	1.15	170.00	35.00	2.0000	Q10-Comox	16040
S9	0.88	150.00	55.00	1.0000	Q10-Comox	J94
S10	1.36	150.00	80.00	0.5000	Q10-Comox	48000
S20030_1	0.79	376.00	70.00	4.0000	Q10-Comox	20030
S11_1	0.26	223.78	34.00	4.0000	Q10-Comox	7310
S12	1.82	376.00	38.00	4.0000	Q10-Comox	20022
S11_2	0.75	223.78	34.00	4.0000	Q10-Comox	20025
S20030_6	0.20	376.00	38.00	4.0000	Q10-Comox	20050
S11_3	0.38	495.67	65.00	4.0000	Q10-Comox	20030
S7025_1	1.11	211.74	77.00	1.5000	Q10-Comox	J110
S7025_2	3.39	211.74	50.00	1.5000	Q10-Comox	7025
S13	1.18	100.00	80.00	0.5000	Q10-Comox	48000
S14	0.46	100.00	70.00	1.0000	Q10-Comox	11058
S13001_1	0.35	74.67	43.00	4.0000	Q10-Comox	13001
S13001_2	0.15	74.67	70.00	4.0000	Q10-Comox	13001
S54065_1	3.82	415.53	17.00	5.0000	Q10-Comox	54075

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
7207	JUNCTION	49.52	2.00	1000.0	
7205	JUNCTION	50.08	2.00	1000.0	
7209	JUNCTION	47.60	2.00	1000.0	
7219	JUNCTION	49.06	2.00	1000.0	
7235	JUNCTION	48.10	2.00	1000.0	
7210	JUNCTION	47.97	2.00	1000.0	
7230	JUNCTION	43.75	2.00	1000.0	
7257	JUNCTION	42.92	2.00	1000.0	
7256	JUNCTION	41.59	2.00	1000.0	
7252	JUNCTION	39.69	1.67	1000.0	
7250A	JUNCTION	39.43	0.91	1000.0	
7246	JUNCTION	43.56	1.60	1000.0	
7211	JUNCTION	47.38	2.00	1000.0	
7260	JUNCTION	37.24	1.55	1000.0	
7267	JUNCTION	29.95	1.55	1000.0	
7273	JUNCTION	31.00	1.55	1000.0	
7269	JUNCTION	30.62	1.40	1000.0	
5017	JUNCTION	9.38	2.00	1000.0	
7000	JUNCTION	27.67	2.00	1000.0	
5010	JUNCTION	20.02	2.00	1000.0	
7003	JUNCTION	23.73	2.00	1000.0	
7006	JUNCTION	20.82	2.00	1000.0	
49002	JUNCTION	60.21	1.19	1000.0	
7171	JUNCTION	53.75	2.00	1000.0	
7282	JUNCTION	37.13	2.00	1000.0	
7283	JUNCTION	32.85	0.95	1000.0	
7288	JUNCTION	25.78	2.87	1000.0	
7285	JUNCTION	26.31	2.72	1000.0	
7276	JUNCTION	31.02	2.64	1000.0	
7275	JUNCTION	35.50	2.82	1000.0	

7182	JUNCTION	37.08	3.98	1000.0
7183	JUNCTION	45.04	3.63	1000.0
7281	JUNCTION	45.32	2.00	1000.0
7172	JUNCTION	50.52	2.73	1000.0
7177	JUNCTION	52.45	2.17	1000.0
7169	JUNCTION	54.24	2.00	1000.0
7168	JUNCTION	54.64	2.00	1000.0
7170	JUNCTION	55.59	2.00	1000.0
7167	JUNCTION	57.09	2.00	1000.0
19131	JUNCTION	35.80	1.45	1000.0
7072	JUNCTION	66.40	2.05	1000.0
7259	JUNCTION	43.12	1.00	1000.0
7255	JUNCTION	43.15	2.00	1000.0
7218	JUNCTION	54.68	2.00	1000.0
7215	JUNCTION	64.45	2.00	1000.0
19080	JUNCTION	42.92	1.45	1000.0
48003	JUNCTION	55.77	1.00	1000.0
7343	JUNCTION	37.92	1.40	1000.0
5013	JUNCTION	9.47	2.00	1000.0
5032	JUNCTION	4.48	2.00	1000.0
5011	JUNCTION	16.40	2.00	1000.0
7001	JUNCTION	26.52	2.00	1000.0
7011	JUNCTION	27.58	2.00	1000.0
7166	JUNCTION	60.08	2.00	1000.0
48001	JUNCTION	56.19	4.72	1000.0
48000	JUNCTION	56.46	4.30	1000.0
7140	JUNCTION	64.22	2.00	1000.0
7141	JUNCTION	63.83	2.00	1000.0
7027	JUNCTION	67.28	1.85	1000.0
7025	JUNCTION	67.55	1.85	1000.0
7028	JUNCTION	67.27	1.85	1000.0
7029	JUNCTION	67.23	1.85	1000.0
7030	JUNCTION	67.21	2.00	1000.0
7130	JUNCTION	64.96	2.00	1000.0
7129	JUNCTION	63.62	2.00	1000.0
49001	JUNCTION	62.08	2.00	1000.0
7240	JUNCTION	52.86	1.50	1000.0
7226	JUNCTION	56.75	2.00	1000.0
7225	JUNCTION	59.55	2.00	1000.0
7198	JUNCTION	52.65	2.00	1000.0
7195	JUNCTION	53.69	2.00	1000.0
7201	JUNCTION	55.05	2.00	1000.0
7200	JUNCTION	57.00	2.00	1000.0
7217	JUNCTION	60.60	2.00	1000.0
7335	JUNCTION	46.60	1.45	1000.0
7336	JUNCTION	44.45	1.45	1000.0
7342	JUNCTION	40.85	1.40	1000.0
7331	JUNCTION	42.42	1.45	1000.0
7308	JUNCTION	37.71	1.55	1000.0
7315	JUNCTION	44.35	1.55	1000.0
7306	JUNCTION	46.18	1.55	1000.0
7318	JUNCTION	50.91	1.55	1000.0
7317	JUNCTION	51.10	1.55	1000.0
7295	JUNCTION	55.01	1.45	1000.0
7301	JUNCTION	58.69	1.40	1000.0
7292	JUNCTION	55.61	1.40	1000.0
7290	JUNCTION	55.77	1.40	1000.0
20015	JUNCTION	57.92	2.00	1000.0
20016	JUNCTION	55.81	1.76	1000.0
20014	JUNCTION	56.33	1.50	1000.0
20010	JUNCTION	56.94	1.50	1000.0
19100	JUNCTION	48.26	1.50	1000.0
53130	JUNCTION	49.27	2.00	1000.0
20003	JUNCTION	57.82	1.50	1000.0
20006	JUNCTION	61.43	2.00	1000.0
20005	JUNCTION	62.70	2.00	1000.0
7216	JUNCTION	63.87	2.00	1000.0
7193	JUNCTION	63.71	2.00	1000.0
7192	JUNCTION	62.54	2.00	1000.0
7191	JUNCTION	66.72	2.00	1000.0
20002	JUNCTION	60.02	2.00	1000.0
20000	JUNCTION	63.03	2.00	1000.0
20021	JUNCTION	55.07	2.00	1000.0
20022	JUNCTION	41.91	2.00	1000.0
20040	JUNCTION	34.91	2.00	1000.0
7321	JUNCTION	39.52	1.55	1000.0
7320	JUNCTION	43.80	1.55	1000.0
7314	JUNCTION	44.83	1.55	1000.0
7312	JUNCTION	49.89	1.55	1000.0

7311	JUNCTION	55.63	1.45	1000.0
7316	JUNCTION	53.14	1.45	1000.0
1001	JUNCTION	25.96	2.00	1000.0
2002	JUNCTION	20.49	2.00	1000.0
3000	JUNCTION	29.55	2.00	1000.0
3001	JUNCTION	27.65	2.00	1000.0
2000	JUNCTION	26.68	2.00	1000.0
6002	JUNCTION	9.81	2.00	1000.0
6001	JUNCTION	14.08	2.00	1000.0
6000	JUNCTION	17.43	2.00	1000.0
19051	JUNCTION	41.97	2.00	1000.0
19062	JUNCTION	42.83	1.45	1000.0
19107	JUNCTION	40.67	1.63	1000.0
19115	JUNCTION	40.09	2.00	1000.0
19064	JUNCTION	40.78	1.40	1000.0
19057	JUNCTION	38.11	1.05	1000.0
19067	JUNCTION	37.56	1.84	1000.0
19120	JUNCTION	37.50	1.50	1000.0
19086	JUNCTION	36.62	1.78	1000.0
19077	JUNCTION	42.20	1.50	1000.0
19076	JUNCTION	43.39	1.50	1000.0
19081	JUNCTION	41.89	1.45	1000.0
10000	JUNCTION	38.62	2.00	1000.0
10001	JUNCTION	35.33	2.00	1000.0
19130	JUNCTION	37.91	1.45	1000.0
32040	JUNCTION	30.74	2.00	1000.0
19112	JUNCTION	41.48	3.12	1000.0
19111	JUNCTION	42.03	2.47	1000.0
32065	JUNCTION	40.66	2.00	1000.0
19101	JUNCTION	48.10	4.64	1000.0
40001	JUNCTION	46.18	2.00	1000.0
53085	JUNCTION	51.02	2.00	1000.0
19125	JUNCTION	35.94	2.00	1000.0
19126	JUNCTION	35.03	2.00	1000.0
11006	JUNCTION	32.38	1.45	1000.0
11002	JUNCTION	31.82	1.45	1000.0
10006	JUNCTION	31.59	2.00	1000.0
10002	JUNCTION	33.20	2.00	1000.0
10003	JUNCTION	32.22	2.00	1000.0
10016	JUNCTION	29.28	2.00	1000.0
10017	JUNCTION	28.96	2.00	1000.0
10010	JUNCTION	28.52	2.00	1000.0
10019	JUNCTION	25.33	2.00	1000.0
10021	JUNCTION	26.55	2.00	1000.0
10023	JUNCTION	26.87	2.00	1000.0
10022	JUNCTION	27.50	2.00	1000.0
10025	JUNCTION	25.16	2.00	1000.0
10030	JUNCTION	22.12	2.00	1000.0
10027	JUNCTION	25.26	2.00	1000.0
10026	JUNCTION	26.58	2.00	1000.0
10036	JUNCTION	21.71	2.00	1000.0
10037	JUNCTION	22.09	2.00	1000.0
11035	JUNCTION	20.83	1.35	1000.0
11030	JUNCTION	31.42	1.40	1000.0
11031	JUNCTION	31.00	1.45	1000.0
9001	JUNCTION	3.59	2.00	1000.0
8005	JUNCTION	7.51	2.00	1000.0
8001	JUNCTION	7.22	2.00	1000.0
8002	JUNCTION	7.11	2.00	1000.0
8010	JUNCTION	4.64	2.00	1000.0
8011	JUNCTION	4.35	2.00	1000.0
8015	JUNCTION	7.86	2.00	1000.0
7020	JUNCTION	19.44	2.00	1000.0
10055	JUNCTION	14.60	2.00	1000.0
10043	JUNCTION	11.95	2.00	1000.0
10041	JUNCTION	13.34	2.00	1000.0
10052	JUNCTION	11.31	2.00	1000.0
10051	JUNCTION	13.66	2.00	1000.0
11056	JUNCTION	15.64	1.45	1000.0
13011	JUNCTION	15.69	2.00	1000.0
11050	JUNCTION	20.71	1.63	1000.0
13005	JUNCTION	18.06	2.00	1000.0
13004	JUNCTION	17.85	2.00	1000.0
13010	JUNCTION	14.81	2.00	1000.0
12000	JUNCTION	3.63	2.00	1000.0
12001	JUNCTION	2.78	2.00	1000.0
17128	JUNCTION	22.05	2.00	1000.0
7026	JUNCTION	67.44	1.85	1000.0
11057	JUNCTION	14.09	1.85	1000.0

10045	JUNCTION	10.95	2.00	1000.0
17085	JUNCTION	13.00	2.00	1000.0
16040	JUNCTION	10.88	2.00	1000.0
14002	JUNCTION	11.15	2.00	1000.0
14001	JUNCTION	11.89	2.00	1000.0
14000	JUNCTION	12.65	2.00	1000.0
13020	JUNCTION	13.52	2.00	1000.0
17087	JUNCTION	12.26	2.00	1000.0
19056	JUNCTION	39.25	1.28	1000.0
17053	JUNCTION	12.72	2.00	1000.0
17051	JUNCTION	15.84	2.00	1000.0
17151	JUNCTION	14.81	2.00	1000.0
17040	JUNCTION	19.30	2.00	1000.0
17039	JUNCTION	19.72	2.00	1000.0
17080	JUNCTION	18.29	2.00	1000.0
16023	JUNCTION	17.88	2.00	1000.0
16018	JUNCTION	17.72	2.00	1000.0
16025	JUNCTION	17.72	2.00	1000.0
16026	JUNCTION	16.24	2.00	1000.0
16032	JUNCTION	15.10	1.40	1000.0
17086	JUNCTION	14.48	2.00	1000.0
17084	JUNCTION	13.48	2.00	1000.0
17083	JUNCTION	14.58	2.00	1000.0
17082	JUNCTION	17.43	2.00	1000.0
17096	JUNCTION	10.57	2.43	1000.0
17155	JUNCTION	10.41	2.58	1000.0
17060	JUNCTION	10.54	2.32	1000.0
17147	JUNCTION	11.17	2.98	1000.0
17145A	JUNCTION	12.61	3.60	1000.0
17146	JUNCTION	15.24	2.00	1000.0
17142	JUNCTION	14.47	2.00	1000.0
17135A	JUNCTION	16.00	4.59	1000.0
17127	JUNCTION	18.72	2.88	1000.0
17125	JUNCTION	22.12	2.70	1000.0
17132	JUNCTION	19.65	2.00	1000.0
17130	JUNCTION	20.31	2.00	1000.0
17038	JUNCTION	21.07	2.00	1000.0
17126	JUNCTION	23.48	2.00	1000.0
17110	JUNCTION	24.30	1.50	1000.0
25000	JUNCTION	23.55	2.00	1000.0
J18	JUNCTION	60.80	2.10	1000.0
D-14	JUNCTION	25.57	4.39	1000.0
27010	JUNCTION	25.79	2.00	1000.0
D-15	JUNCTION	26.30	4.62	1000.0
32086	JUNCTION	30.70	2.00	1000.0
D-17	JUNCTION	27.79	3.17	1000.0
32085	JUNCTION	31.27	2.00	1000.0
D-18	JUNCTION	28.24	3.18	1000.0
34002	JUNCTION	29.04	1.91	1000.0
D-19	JUNCTION	28.82	4.28	1000.0
39004	JUNCTION	33.33	3.17	1000.0
39003	JUNCTION	36.15	2.00	1000.0
39002	JUNCTION	39.47	2.00	1000.0
39001	JUNCTION	44.10	2.00	1000.0
50146	JUNCTION	45.32	2.00	1000.0
D-18A	JUNCTION	30.45	0.99	1000.0
32082	JUNCTION	31.98	2.00	1000.0
17100A	JUNCTION	29.28	2.00	1000.0
D-13A	JUNCTION	24.25	1.72	1000.0
17133	JUNCTION	22.62	2.00	1000.0
17030	JUNCTION	24.77	2.00	1000.0
17031	JUNCTION	24.06	2.00	1000.0
17032	JUNCTION	23.35	2.00	1000.0
17034	JUNCTION	23.38	2.00	1000.0
17035	JUNCTION	22.66	2.00	1000.0
17025	JUNCTION	25.36	2.00	1000.0
17105	JUNCTION	25.99	2.00	1000.0
17106	JUNCTION	24.60	2.00	1000.0
7154	JUNCTION	60.42	2.00	1000.0
27006	JUNCTION	32.31	2.00	1000.0
17020	JUNCTION	28.69	2.00	1000.0
30002	JUNCTION	31.34	2.00	1000.0
30001	JUNCTION	36.42	1.90	1000.0
17021	JUNCTION	33.48	2.00	1000.0
17010	JUNCTION	34.42	2.00	1000.0
17001	JUNCTION	32.77	2.00	1000.0
17000	JUNCTION	33.80	2.00	1000.0
16011	JUNCTION	32.80	2.00	1000.0
16010	JUNCTION	37.97	2.00	1000.0

19123	JUNCTION	38.32	1.55	1000.0
19122	JUNCTION	39.45	1.55	1000.0
19121	JUNCTION	40.58	1.45	1000.0
32056	JUNCTION	44.71	2.00	1000.0
32055	JUNCTION	45.39	2.00	1000.0
19110	JUNCTION	42.50	2.00	1000.0
19114	JUNCTION	41.14	0.38	1000.0
19019	JUNCTION	43.86	1.99	1000.0
7165	JUNCTION	53.21	1.68	1000.0
7017	JUNCTION	20.41	2.00	1000.0
32001	JUNCTION	46.91	2.00	1000.0
32002	JUNCTION	41.59	2.00	1000.0
32007	JUNCTION	42.20	2.00	1000.0
32015	JUNCTION	41.27	2.00	1000.0
18010	JUNCTION	3.50	2.00	1000.0
18001	JUNCTION	6.81	2.00	1000.0
18005	JUNCTION	7.13	2.00	1000.0
21001	JUNCTION	13.04	2.00	1000.0
21002	JUNCTION	11.29	2.00	1000.0
21011	JUNCTION	13.51	2.00	1000.0
22002	JUNCTION	17.95	2.00	1000.0
17070	JUNCTION	17.07	2.00	1000.0
17069	JUNCTION	16.57	2.00	1000.0
17071	JUNCTION	14.65	2.00	1000.0
17072	JUNCTION	14.29	2.00	1000.0
33000	JUNCTION	31.11	2.00	1000.0
24020	JUNCTION	31.82	1.85	1000.0
24010	JUNCTION	32.80	1.85	1000.0
24015	JUNCTION	36.81	1.85	1000.0
24002	JUNCTION	36.23	1.85	1000.0
24006	JUNCTION	39.04	1.85	1000.0
24001	JUNCTION	38.08	1.85	1000.0
24030	JUNCTION	30.66	1.85	1000.0
24040	JUNCTION	30.36	1.60	1000.0
24046	JUNCTION	33.51	1.85	1000.0
24056	JUNCTION	31.54	2.00	1000.0
24057	JUNCTION	30.72	2.00	1000.0
24050	JUNCTION	29.34	2.00	1000.0
24060	JUNCTION	26.45	2.00	1000.0
24070	JUNCTION	24.52	2.00	1000.0
24087	JUNCTION	25.53	2.00	1000.0
24080	JUNCTION	22.85	2.00	1000.0
24090	JUNCTION	22.77	2.00	1000.0
24105	JUNCTION	26.75	2.00	1000.0
24095	JUNCTION	28.16	2.19	1000.0
24100	JUNCTION	28.54	2.00	1000.0
54016	JUNCTION	42.98	2.00	1000.0
29001	JUNCTION	30.32	2.00	1000.0
29002	JUNCTION	29.51	2.00	1000.0
26003	JUNCTION	27.13	2.00	1000.0
53089	JUNCTION	48.23	2.00	1000.0
53100	JUNCTION	45.78	2.89	1000.0
53097	JUNCTION	47.71	2.00	1000.0
53096	JUNCTION	48.41	2.00	1000.0
53095	JUNCTION	49.48	2.00	1000.0
53040	JUNCTION	51.50	1.92	1000.0
53030	JUNCTION	51.70	2.00	1000.0
53013	JUNCTION	52.72	2.00	1000.0
53047	JUNCTION	45.85	2.91	1000.0
53046	JUNCTION	51.35	2.64	1000.0
53025	JUNCTION	52.74	2.00	1000.0
53020	JUNCTION	52.15	2.00	1000.0
53015	JUNCTION	53.23	2.00	1000.0
53012	JUNCTION	53.15	2.00	1000.0
39035	JUNCTION	45.06	2.00	1000.0
39036	JUNCTION	44.61	2.00	1000.0
39045	JUNCTION	43.86	2.00	1000.0
39040	JUNCTION	45.46	2.00	1000.0
53086	JUNCTION	49.59	2.00	1000.0
53087	JUNCTION	49.40	2.00	1000.0
53088	JUNCTION	48.88	2.00	1000.0
53120	JUNCTION	48.36	2.00	1000.0
53131	JUNCTION	47.99	2.00	1000.0
36001	JUNCTION	51.17	2.00	1000.0
36000	JUNCTION	51.65	2.00	1000.0
36002	JUNCTION	49.88	2.00	1000.0
36005	JUNCTION	51.06	2.00	1000.0
36016	JUNCTION	52.56	2.00	1000.0
36017	JUNCTION	51.34	2.00	1000.0

36025	JUNCTION	53.30	2.00	1000.0
36020	JUNCTION	43.59	2.00	1000.0
37000	JUNCTION	38.47	2.00	1000.0
39060	JUNCTION	40.40	2.00	1000.0
39061	JUNCTION	33.33	2.00	1000.0
37005	JUNCTION	34.55	2.00	1000.0
37003	JUNCTION	34.24	2.00	1000.0
37002	JUNCTION	34.67	2.00	1000.0
36031	JUNCTION	35.78	2.00	1000.0
36035	JUNCTION	40.05	2.00	1000.0
36010	JUNCTION	49.11	2.00	1000.0
53010	JUNCTION	54.59	2.00	1000.0
53011	JUNCTION	53.95	2.00	1000.0
39005	JUNCTION	54.80	2.00	1000.0
39006	JUNCTION	50.52	2.00	1000.0
39007	JUNCTION	42.28	2.00	1000.0
39008	JUNCTION	39.22	2.00	1000.0
39050	JUNCTION	34.30	2.50	1000.0
39009	JUNCTION	38.68	2.82	1000.0
39030	JUNCTION	43.33	2.00	1000.0
39025	JUNCTION	46.70	2.00	1000.0
53150	JUNCTION	34.43	1.85	1000.0
53105	JUNCTION	42.78	1.22	1000.0
26001	JUNCTION	30.15	2.00	1000.0
26000	JUNCTION	31.60	2.00	1000.0
26002	JUNCTION	29.47	2.00	1000.0
28001	JUNCTION	27.83	2.00	1000.0
29005	JUNCTION	31.37	2.00	1000.0
53102	JUNCTION	40.78	2.15	1000.0
53101	JUNCTION	43.18	2.72	1000.0
41002	JUNCTION	33.73	1.81	1000.0
41001	JUNCTION	34.91	1.79	1000.0
46000	JUNCTION	41.60	2.00	1000.0
46001	JUNCTION	38.83	2.00	1000.0
46002	JUNCTION	37.78	2.00	1000.0
42000	JUNCTION	35.99	2.00	1000.0
44000	JUNCTION	37.51	2.00	1000.0
42001	JUNCTION	35.42	2.00	1000.0
40010	JUNCTION	35.90	2.00	1000.0
40002	JUNCTION	41.39	2.00	1000.0
40015	JUNCTION	45.70	2.00	1000.0
43005	JUNCTION	43.74	2.00	1000.0
40017	JUNCTION	39.52	2.00	1000.0
43001	JUNCTION	39.99	2.00	1000.0
43000	JUNCTION	40.55	2.00	1000.0
45002	JUNCTION	37.86	2.00	1000.0
47004	JUNCTION	38.51	2.00	1000.0
47010	JUNCTION	37.62	2.00	1000.0
47016	JUNCTION	37.18	2.00	1000.0
47015	JUNCTION	37.69	2.00	1000.0
47020	JUNCTION	37.45	2.00	1000.0
48010	JUNCTION	38.79	2.00	1000.0
19102	JUNCTION	47.98	3.30	1000.0
19103	JUNCTION	48.92	1.98	1000.0
19090	JUNCTION	49.81	1.82	1000.0
47005	JUNCTION	41.15	2.00	1000.0
47001	JUNCTION	50.11	2.00	1000.0
47002	JUNCTION	45.54	1.04	1000.0
19093	JUNCTION	48.35	1.80	1000.0
19092	JUNCTION	48.97	1.85	1000.0
19091	JUNCTION	49.46	1.78	1000.0
19001	JUNCTION	56.83	1.45	1000.0
19000	JUNCTION	57.65	1.45	1000.0
19002	JUNCTION	56.19	2.51	1000.0
40016	JUNCTION	42.05	2.00	1000.0
51035	JUNCTION	55.76	2.00	1000.0
19005	JUNCTION	57.43	2.07	1000.0
19010	JUNCTION	56.51	1.45	1000.0
19011	JUNCTION	56.07	1.45	1000.0
19012	JUNCTION	55.48	1.45	1000.0
19006	JUNCTION	54.86	1.94	1000.0
19028	JUNCTION	54.14	2.00	1000.0
19027	JUNCTION	52.57	1.55	1000.0
19026	JUNCTION	53.30	1.50	1000.0
19013	JUNCTION	52.75	2.00	1000.0
J15	JUNCTION	55.70	1.30	1000.0
19016	JUNCTION	46.28	2.21	1000.0
19042	JUNCTION	47.22	1.45	1000.0
19040	JUNCTION	47.75	1.45	1000.0

19041	JUNCTION	46.77	1.55	1000.0
7164	JUNCTION	55.11	2.00	1000.0
7161	JUNCTION	56.51	2.00	1000.0
7162	JUNCTION	58.51	2.00	1000.0
7111	JUNCTION	57.45	2.00	1000.0
7112	JUNCTION	55.34	2.00	1000.0
7175	JUNCTION	54.45	2.00	1000.0
7176	JUNCTION	52.35	2.00	1000.0
7160	JUNCTION	57.92	2.00	1000.0
7159	JUNCTION	57.35	2.00	1000.0
7158	JUNCTION	58.03	2.00	1000.0
7148	JUNCTION	59.92	2.00	1000.0
7147	JUNCTION	61.63	2.00	1000.0
7143	JUNCTION	63.20	2.00	1000.0
7146	JUNCTION	63.59	2.00	1000.0
7152	JUNCTION	62.09	2.00	1000.0
7153	JUNCTION	61.18	2.00	1000.0
7151	JUNCTION	62.38	2.00	1000.0
7051	JUNCTION	65.17	2.00	1000.0
7150	JUNCTION	62.92	2.00	1000.0
7052	JUNCTION	66.24	2.00	1000.0
7055	JUNCTION	65.64	2.00	1000.0
7054	JUNCTION	64.59	2.00	1000.0
7156	JUNCTION	62.52	2.00	1000.0
7155	JUNCTION	59.00	2.00	1000.0
7157	JUNCTION	59.77	2.00	1000.0
7063	JUNCTION	63.24	2.00	1000.0
7065	JUNCTION	65.43	2.00	1000.0
7060	JUNCTION	64.90	2.00	1000.0
7066	JUNCTION	62.48	2.00	1000.0
7067	JUNCTION	64.81	2.00	1000.0
7110	JUNCTION	61.18	2.00	1000.0
7116	JUNCTION	56.90	2.00	1000.0
7115	JUNCTION	59.23	2.00	1000.0
7085	JUNCTION	59.89	2.00	1000.0
7101	JUNCTION	60.91	2.00	1000.0
7100	JUNCTION	62.35	2.00	1000.0
7097	JUNCTION	56.98	2.00	1000.0
7102	JUNCTION	56.29	2.00	1000.0
7087	JUNCTION	58.38	2.00	1000.0
7092	JUNCTION	59.51	2.00	1000.0
7091	JUNCTION	62.59	2.00	1000.0
7090	JUNCTION	69.45	2.00	1000.0
7081	JUNCTION	65.02	2.00	1000.0
7082	JUNCTION	66.67	2.00	1000.0
J119	JUNCTION	68.65	2.36	1000.0
7071	JUNCTION	67.04	1.65	1000.0
23002	JUNCTION	23.65	2.00	1000.0
23000	JUNCTION	24.33	2.00	1000.0
54002	JUNCTION	40.25	2.00	1000.0
54075	JUNCTION	54.42	1.00	1000.0
17066	JUNCTION	21.42	2.00	1000.0
17067	JUNCTION	21.01	2.00	1000.0
17068	JUNCTION	19.05	2.00	1000.0
23010	JUNCTION	23.14	2.00	1000.0
17045	JUNCTION	20.85	2.00	1000.0
17046	JUNCTION	19.63	2.00	1000.0
17047	JUNCTION	19.53	2.00	1000.0
17061	JUNCTION	11.62	1.00	1000.0
17074	JUNCTION	10.17	2.85	1000.0
17095	JUNCTION	11.42	2.00	1000.0
17089	JUNCTION	11.04	2.00	1000.0
19036	JUNCTION	44.37	2.00	1000.0
53136	JUNCTION	40.18	3.02	1000.0
53125	JUNCTION	45.21	3.09	1000.0
32006	JUNCTION	46.31	2.00	1000.0
32005	JUNCTION	48.24	2.00	1000.0
19045	JUNCTION	43.48	2.00	1000.0
11037	JUNCTION	19.36	1.50	1000.0
11021	JUNCTION	28.10	2.90	1000.0
11015	JUNCTION	28.28	1.30	1000.0
11016	JUNCTION	27.35	2.13	1000.0
11025	JUNCTION	27.30	1.63	1000.0
11045	JUNCTION	26.81	2.00	1000.0
11026	JUNCTION	26.00	1.63	1000.0
11033	JUNCTION	25.71	1.63	1000.0
11046	JUNCTION	25.91	2.00	1000.0
40000	JUNCTION	46.64	2.00	1000.0
10039	JUNCTION	18.54	2.00	1000.0

11047	JUNCTION	24.32	1.85	1000.0
11048	JUNCTION	20.21	1.85	1000.0
11040	JUNCTION	18.65	1.70	1000.0
10050	JUNCTION	15.79	2.00	1000.0
11041	JUNCTION	18.50	1.85	1000.0
16022	JUNCTION	20.97	1.97	1000.0
16021	JUNCTION	20.97	2.04	1000.0
16020	JUNCTION	21.25	2.00	1000.0
13001	JUNCTION	18.74	2.00	1000.0
13002	JUNCTION	18.38	2.00	1000.0
16030	JUNCTION	18.24	1.26	1000.0
16031	JUNCTION	16.83	2.00	1000.0
13003	JUNCTION	18.17	2.00	1000.0
7351	JUNCTION	25.95	2.55	1000.0
7350	JUNCTION	26.30	2.00	1000.0
7270	JUNCTION	26.73	2.00	1000.0
7329	JUNCTION	29.30	1.85	1000.0
7286	JUNCTION	27.02	1.63	1000.0
7287	JUNCTION	26.72	1.63	1000.0
10032	JUNCTION	21.31	2.00	1000.0
10031	JUNCTION	19.28	2.00	1000.0
10033	JUNCTION	14.93	2.00	1000.0
10034	JUNCTION	14.16	2.00	1000.0
10040	JUNCTION	13.84	2.00	1000.0
11038	JUNCTION	19.80	1.50	1000.0
13025	JUNCTION	5.04	2.00	1000.0
11058	JUNCTION	2.18	1.95	1000.0
12002	JUNCTION	1.72	2.00	1000.0
7136	JUNCTION	66.57	2.00	1000.0
7135	JUNCTION	67.16	2.00	1000.0
7125	JUNCTION	66.09	2.00	1000.0
7127	JUNCTION	64.52	2.00	1000.0
7035	JUNCTION	68.51	2.15	1000.0
7126	JUNCTION	64.20	2.00	1000.0
7128	JUNCTION	63.90	2.00	1000.0
7139	JUNCTION	64.80	2.00	1000.0
7138	JUNCTION	64.47	2.00	1000.0
49000	JUNCTION	62.39	2.00	1000.0
7078	JUNCTION	63.55	2.00	1000.0
7077	JUNCTION	64.42	1.98	1000.0
7076	JUNCTION	64.88	2.23	1000.0
7074	JUNCTION	66.15	2.00	1000.0
7073	JUNCTION	65.72	2.38	1000.0
7075	JUNCTION	67.04	1.52	1000.0
7038	JUNCTION	66.48	2.00	1000.0
7037	JUNCTION	66.87	2.00	1000.0
7043	JUNCTION	65.29	2.00	1000.0
53002	JUNCTION	50.03	2.00	1000.0
39000	JUNCTION	50.03	2.00	1000.0
50147	JUNCTION	42.28	2.00	1000.0
50148	JUNCTION	39.14	2.00	1000.0
50149	JUNCTION	38.45	2.00	1000.0
53000	JUNCTION	51.05	2.00	1000.0
53001	JUNCTION	50.69	2.00	1000.0
47011	JUNCTION	36.77	2.00	1000.0
50016	JUNCTION	56.69	2.00	1000.0
53170	JUNCTION	31.01	1.85	1000.0
53151	JUNCTION	34.23	1.84	1000.0
53155	JUNCTION	36.01	1.80	1000.0
29000	JUNCTION	32.18	2.00	1000.0
39010	JUNCTION	48.61	2.00	1000.0
39015	JUNCTION	48.29	2.00	1000.0
53071	JUNCTION	38.90	2.77	1000.0
53070	JUNCTION	39.13	3.47	1000.0
53061	JUNCTION	39.61	4.59	1000.0
53060	JUNCTION	39.90	4.80	1000.0
53055	JUNCTION	45.46	1.99	1000.0
53005	JUNCTION	46.95	2.82	1000.0
53041	JUNCTION	42.33	2.67	1000.0
53066	JUNCTION	42.20	2.00	1000.0
53168	JUNCTION	24.99	3.18	1000.0
50001	JUNCTION	45.67	2.00	1000.0
50000	JUNCTION	46.16	2.00	1000.0
50010	JUNCTION	45.30	2.00	1000.0
50011	JUNCTION	44.92	2.00	1000.0
50040	JUNCTION	44.22	2.00	1000.0
50041	JUNCTION	43.78	2.00	1000.0
50055	JUNCTION	47.65	2.00	1000.0
50070	JUNCTION	52.64	2.00	1000.0

50071	JUNCTION	50.38	2.00	1000.0
50061	JUNCTION	42.98	2.00	1000.0
50062	JUNCTION	40.22	2.00	1000.0
50063	JUNCTION	38.61	2.00	1000.0
50064	JUNCTION	38.18	2.00	1000.0
50065	JUNCTION	37.68	2.00	1000.0
50090	JUNCTION	42.87	2.00	1000.0
50100	JUNCTION	40.98	2.00	1000.0
50120	JUNCTION	39.53	2.00	1000.0
50132	JUNCTION	40.44	2.00	1000.0
50140	JUNCTION	38.65	2.00	1000.0
50141	JUNCTION	38.00	2.00	1000.0
50135	JUNCTION	45.50	2.00	1000.0
50107	JUNCTION	47.81	2.00	1000.0
50110	JUNCTION	48.26	2.00	1000.0
50106	JUNCTION	51.55	2.00	1000.0
50095	JUNCTION	50.46	2.00	1000.0
50105	JUNCTION	54.21	2.00	1000.0
50080	JUNCTION	56.94	2.00	1000.0
50077	JUNCTION	55.71	2.00	1000.0
50076	JUNCTION	56.56	2.00	1000.0
50075	JUNCTION	57.71	2.00	1000.0
50085	JUNCTION	51.54	2.00	1000.0
50045	JUNCTION	48.43	2.00	1000.0
50020	JUNCTION	56.62	2.00	1000.0
50025	JUNCTION	54.20	2.00	1000.0
50026	JUNCTION	51.26	2.00	1000.0
50028	JUNCTION	48.51	2.00	1000.0
50018	JUNCTION	55.29	2.00	1000.0
50017	JUNCTION	56.45	2.00	1000.0
50015	JUNCTION	57.03	2.00	1000.0
51005	JUNCTION	57.11	2.00	1000.0
51001	JUNCTION	56.71	2.00	1000.0
51020	JUNCTION	56.23	2.07	1000.0
51015	JUNCTION	56.64	2.00	1000.0
51021	JUNCTION	55.93	1.36	1000.0
51022	JUNCTION	55.70	2.55	1000.0
51023	JUNCTION	55.47	3.13	1000.0
51041	JUNCTION	55.05	2.00	1000.0
51040	JUNCTION	55.06	2.00	1000.0
51027	JUNCTION	55.98	2.00	1000.0
51026	JUNCTION	56.24	2.00	1000.0
51030	JUNCTION	56.18	2.00	1000.0
39080	JUNCTION	58.74	2.00	1000.0
39076	JUNCTION	58.48	2.00	1000.0
39075	JUNCTION	58.91	2.00	1000.0
7044	JUNCTION	64.39	2.00	1000.0
7142	JUNCTION	63.77	2.00	1000.0
7046	JUNCTION	64.65	1.71	1000.0
7047	JUNCTION	59.77	2.00	1000.0
7068	JUNCTION	60.76	2.00	1000.0
7069	JUNCTION	54.95	3.66	1000.0
39055	JUNCTION	32.38	2.23	1000.0
5027	JUNCTION	8.09	2.00	1000.0
5006	JUNCTION	8.27	2.00	1000.0
5022	JUNCTION	8.65	2.00	1000.0
5025	JUNCTION	16.09	2.00	1000.0
7231	JUNCTION	45.49	2.00	1000.0
19060	JUNCTION	43.94	1.55	1000.0
19052	JUNCTION	40.50	2.00	1000.0
19055	JUNCTION	40.92	1.70	1000.0
19063	JUNCTION	40.21	1.63	1000.0
19065	JUNCTION	41.58	1.50	1000.0
19029	JUNCTION	53.57	1.50	1000.0
7061	JUNCTION	63.83	2.00	1000.0
7056	JUNCTION	64.19	2.00	1000.0
7131	JUNCTION	63.55	2.00	1000.0
7053	JUNCTION	64.96	2.00	1000.0
2001	JUNCTION	26.52	2.00	1000.0
7050	JUNCTION	65.39	2.00	1000.0
7341	JUNCTION	33.23	1.55	1000.0
17037	JUNCTION	21.93	2.00	1000.0
11	JUNCTION	0.00	2.00	1000.0
7232	JUNCTION	44.96	2.00	1000.0
7236	JUNCTION	46.29	2.00	1000.0
7237	JUNCTION	45.06	2.00	1000.0
20012	JUNCTION	57.47	2.00	1000.0
20013	JUNCTION	57.25	2.00	1000.0
7294	JUNCTION	55.25	1.40	1000.0

7299	JUNCTION	55.48	1.45	1000.0
7298	JUNCTION	53.31	1.55	1000.0
7261	JUNCTION	37.95	1.50	1000.0
16007	JUNCTION	31.93	2.00	1000.0
17002	JUNCTION	29.03	2.00	1000.0
17006	JUNCTION	28.94	2.00	1000.0
17015	JUNCTION	28.84	2.00	1000.0
17011	JUNCTION	32.30	2.00	1000.0
11005	JUNCTION	32.58	1.45	1000.0
11036	JUNCTION	19.83	1.45	1000.0
17076	JUNCTION	22.86	2.00	1000.0
19030	JUNCTION	46.77	1.63	1000.0
17	JUNCTION	58.66	1.34	1000.0
7040	JUNCTION	67.69	2.00	1000.0
7041	JUNCTION	67.34	2.00	1000.0
17079	JUNCTION	19.61	2.00	1000.0
17077	JUNCTION	19.36	2.00	1000.0
9010	JUNCTION	2.91	2.00	1000.0
8020	JUNCTION	2.17	2.00	1000.0
9000	JUNCTION	5.68	2.00	1000.0
7338	JUNCTION	37.56	1.55	1000.0
50131	JUNCTION	41.39	2.00	1000.0
50130	JUNCTION	44.41	2.00	1000.0
50066	JUNCTION	37.01	2.00	1000.0
50072	JUNCTION	46.77	2.00	1000.0
50096	JUNCTION	45.24	2.00	1000.0
50060	JUNCTION	43.40	2.00	1000.0
50031	JUNCTION	44.60	2.00	1000.0
50035	JUNCTION	48.61	2.00	1000.0
50050	JUNCTION	50.06	2.00	1000.0
50005	JUNCTION	48.13	2.00	1000.0
55	JUNCTION	0.00	2.00	1000.0
51025	JUNCTION	56.44	2.00	1000.0
7332	JUNCTION	36.16	1.45	1000.0
20030	JUNCTION	33.91	2.00	1000.0
7323	JUNCTION	38.28	1.55	1000.0
7309	JUNCTION	37.59	1.55	1000.0
7325	JUNCTION	37.06	1.65	1000.0
7328	JUNCTION	31.91	1.85	1000.0
1000	JUNCTION	31.51	2.00	1000.0
52001	JUNCTION	52.00	2.00	1000.0
34010	JUNCTION	30.14	2.00	1000.0
31001	JUNCTION	30.39	2.00	1000.0
24000	JUNCTION	42.16	1.85	1000.0
24005	JUNCTION	42.67	1.85	1000.0
24085	JUNCTION	26.65	2.00	1000.0
24086	JUNCTION	26.41	2.00	1000.0
17141	JUNCTION	15.45	2.00	1000.0
17160	JUNCTION	9.38	9.00	1000.0
17091	JUNCTION	7.43	1.97	1000.0
17161	JUNCTION	8.15	9.00	1000.0
17162	JUNCTION	1.21	2.00	1000.0
17107	JUNCTION	24.76	0.20	1000.0
17092	JUNCTION	2.93	2.00	1000.0
31000	JUNCTION	31.52	2.00	1000.0
11010	JUNCTION	30.77	1.63	1000.0
7313	JUNCTION	45.55	1.55	1000.0
10004	JUNCTION	31.48	2.00	1000.0
5001	JUNCTION	22.73	2.00	1000.0
7005	JUNCTION	28.11	2.00	1000.0
5000	JUNCTION	24.90	2.00	1000.0
5002	JUNCTION	22.26	2.00	1000.0
5005	JUNCTION	17.06	2.00	1000.0
5012	JUNCTION	13.31	2.00	1000.0
10056	JUNCTION	14.45	2.00	1000.0
10057	JUNCTION	11.37	2.00	1000.0
10053	JUNCTION	9.67	2.00	1000.0
36050	JUNCTION	41.49	2.00	1000.0
36046	JUNCTION	34.60	2.00	1000.0
36040	JUNCTION	32.68	2.00	1000.0
35005	JUNCTION	32.69	2.00	1000.0
35006	JUNCTION	32.30	2.00	1000.0
35003	JUNCTION	40.46	2.00	1000.0
35002	JUNCTION	45.09	2.00	1000.0
35001	JUNCTION	48.66	2.00	1000.0
35000	JUNCTION	49.09	2.00	1000.0
19104	JUNCTION	47.89	0.96	1000.0
19105	JUNCTION	47.19	0.91	1000.0
19106	JUNCTION	46.41	0.72	1000.0

19094	JUNCTION	45.24	1.52	1000.0
19018	JUNCTION	44.24	2.00	1000.0
19050	JUNCTION	43.58	1.70	1000.0
19044	JUNCTION	44.72	2.00	1000.0
19031	JUNCTION	45.35	2.00	1000.0
19032	JUNCTION	48.56	1.50	1000.0
7197	JUNCTION	53.64	2.00	1000.0
7194	JUNCTION	56.83	2.00	1000.0
7196	JUNCTION	53.13	2.00	1000.0
7105A	JUNCTION	54.30	2.82	1000.0
7105	JUNCTION	54.26	2.00	1000.0
7145	JUNCTION	64.03	2.00	1000.0
7120	JUNCTION	51.34	3.20	1000.0
19035	JUNCTION	45.18	2.00	1000.0
7228	JUNCTION	46.77	2.00	1000.0
7241	JUNCTION	46.51	1.50	1000.0
7229	JUNCTION	45.49	2.00	1000.0
7245	JUNCTION	51.55	1.50	1000.0
7271	JUNCTION	36.00	1.55	1000.0
7265	JUNCTION	35.31	1.55	1000.0
5003	JUNCTION	19.95	2.00	1000.0
11032	JUNCTION	29.40	1.45	1000.0
40003	JUNCTION	36.78	2.00	1000.0
17026	JUNCTION	22.86	2.00	1000.0
17081	JUNCTION	18.13	2.00	1000.0
13015	JUNCTION	11.25	2.00	1000.0
15005	JUNCTION	1.00	2.00	1000.0
16041	JUNCTION	10.33	2.00	1000.0
23005	JUNCTION	24.26	2.00	1000.0
39020	JUNCTION	47.37	2.00	1000.0
39021	JUNCTION	46.18	2.00	1000.0
8006	JUNCTION	7.41	2.00	1000.0
11007	JUNCTION	31.09	1.63	1000.0
16005	JUNCTION	33.53	2.00	1000.0
24091	JUNCTION	22.24	2.76	1000.0
24026	JUNCTION	35.68	1.85	1000.0
24035	JUNCTION	32.59	1.85	1000.0
40005	JUNCTION	37.01	2.00	1000.0
32000	JUNCTION	49.79	2.00	1000.0
24065	JUNCTION	29.82	2.00	1000.0
21010	JUNCTION	15.62	2.00	1000.0
17056	JUNCTION	13.12	2.00	1000.0
17152	JUNCTION	12.65	2.00	1000.0
19021	JUNCTION	44.37	2.00	1000.0
19022	JUNCTION	44.21	1.99	1000.0
19053	JUNCTION	39.76	1.74	1000.0
48015	JUNCTION	36.28	2.52	1000.0
11001	JUNCTION	32.54	1.45	1000.0
17131	JUNCTION	19.80	2.00	1000.0
53116	JUNCTION	48.00	2.00	1000.0
47000	JUNCTION	50.69	2.00	1000.0
7233	JUNCTION	44.59	2.00	1000.0
7339	JUNCTION	38.74	1.45	1000.0
10007	JUNCTION	32.01	2.00	1000.0
7016	JUNCTION	23.52	2.00	1000.0
17050	JUNCTION	17.71	2.00	1000.0
35004	JUNCTION	37.06	2.00	1000.0
19082	JUNCTION	40.04	1.55	1000.0
7015	JUNCTION	24.16	2.00	1000.0
43010	JUNCTION	44.10	2.00	1000.0
37001	JUNCTION	38.05	2.00	1000.0
7036	JUNCTION	67.50	2.04	1000.0
19061	JUNCTION	41.92	1.55	1000.0
7057	JUNCTION	63.96	2.00	1000.0
7062	JUNCTION	63.58	2.00	1000.0
7095	JUNCTION	57.92	2.00	1000.0
7096	JUNCTION	59.06	2.00	1000.0
7086	JUNCTION	59.22	2.00	1000.0
7103	JUNCTION	55.95	2.00	1000.0
7190	JUNCTION	70.74	2.00	1000.0
19095	JUNCTION	47.33	1.40	1000.0
48005	JUNCTION	40.88	2.00	1000.0
7202	JUNCTION	55.26	2.00	1000.0
20001	JUNCTION	62.83	2.00	1000.0
20011	JUNCTION	62.42	2.00	1000.0
J16	JUNCTION	57.79	1.50	1000.0
7291	JUNCTION	55.52	1.40	1000.0
7293	JUNCTION	55.29	1.40	1000.0
7296	JUNCTION	55.31	1.45	1000.0

7297	JUNCTION	55.20	1.45	1000.0
20020	JUNCTION	50.70	0.98	1000.0
7310	JUNCTION	56.80	1.40	1000.0
20025	JUNCTION	44.91	2.00	1000.0
20035	JUNCTION	42.78	2.00	1000.0
7319	JUNCTION	50.36	1.55	1000.0
7322	JUNCTION	39.04	1.55	1000.0
7327	JUNCTION	37.37	1.45	1000.0
7326	JUNCTION	37.63	1.45	1000.0
4	JUNCTION	0.00	2.00	1000.0
7330	JUNCTION	46.27	1.45	1000.0
7346	JUNCTION	29.52	1.45	1000.0
7268	JUNCTION	32.06	1.50	1000.0
7010	JUNCTION	27.72	2.00	1000.0
7022	JUNCTION	26.64	2.00	1000.0
7012	JUNCTION	29.29	2.00	1000.0
5015	JUNCTION	18.30	2.00	1000.0
5020	JUNCTION	17.05	2.00	1000.0
5016	JUNCTION	13.50	2.00	1000.0
5021	JUNCTION	13.37	2.00	1000.0
5031	JUNCTION	10.48	2.00	1000.0
5026	JUNCTION	12.02	2.00	1000.0
4000	JUNCTION	1.70	2.00	1000.0
5030	JUNCTION	13.28	2.00	1000.0
8016	JUNCTION	4.62	2.00	1000.0
10015	JUNCTION	30.22	2.00	1000.0
9005	JUNCTION	4.60	2.00	1000.0
7355	JUNCTION	17.74	2.00	1000.0
7018	JUNCTION	18.12	1.88	1000.0
8000	JUNCTION	8.84	2.00	1000.0
11034	JUNCTION	18.98	1.70	1000.0
11055	JUNCTION	15.13	1.85	1000.0
12005	JUNCTION	2.71	2.00	1000.0
11051	JUNCTION	19.57	1.70	1000.0
37	JUNCTION	0.00	2.00	1000.0
13021	JUNCTION	11.71	2.00	1000.0
14003	JUNCTION	9.95	2.00	1000.0
14004	JUNCTION	1.17	2.00	1000.0
15000	JUNCTION	0.79	2.00	1000.0
15001	JUNCTION	0.58	2.00	1000.0
J166	JUNCTION	19.88	1.70	1000.0
16036	JUNCTION	9.85	1.95	1000.0
16035	JUNCTION	10.00	2.00	1000.0
J20	JUNCTION	62.36	2.00	1000.0
18011	JUNCTION	3.05	2.00	1000.0
18000	JUNCTION	7.49	2.00	1000.0
17090	JUNCTION	9.25	2.70	1000.0
21005	JUNCTION	11.65	2.00	1000.0
21000	JUNCTION	13.93	2.00	1000.0
33	JUNCTION	0.00	2.00	1000.0
22005	JUNCTION	14.91	2.00	1000.0
22003	JUNCTION	14.60	2.00	1000.0
22001	JUNCTION	19.68	2.00	1000.0
22000	JUNCTION	23.27	2.00	1000.0
35	JUNCTION	0.00	2.00	1000.0
23001	JUNCTION	24.03	2.00	1000.0
17065	JUNCTION	22.74	2.00	1000.0
17137	JUNCTION	18.44	2.00	1000.0
17140	JUNCTION	13.96	2.00	1000.0
36	JUNCTION	0.00	2.00	1000.0
17136	JUNCTION	19.13	2.00	1000.0
17150	JUNCTION	16.72	2.00	1000.0
17052	JUNCTION	16.71	2.00	1000.0
17054	JUNCTION	11.47	2.00	1000.0
16027	JUNCTION	14.00	2.00	1000.0
16028	JUNCTION	13.86	1.17	1000.0
13000	JUNCTION	20.10	2.00	1000.0
16015	JUNCTION	22.09	1.00	1000.0
17078	JUNCTION	21.49	2.00	1000.0
17075	JUNCTION	23.13	2.00	1000.0
17055	JUNCTION	14.47	2.00	1000.0
17041	JUNCTION	19.74	2.00	1000.0
17036	JUNCTION	21.35	2.00	1000.0
17033	JUNCTION	24.03	2.00	1000.0
25005	JUNCTION	23.93	2.00	1000.0
25001	JUNCTION	23.41	2.00	1000.0
54005	JUNCTION	40.50	2.00	1000.0
24075	JUNCTION	29.17	2.00	1000.0
24055	JUNCTION	33.40	2.00	1000.0

24045	JUNCTION	36.03	1.85	1000.0
28000	JUNCTION	30.26	2.00	1000.0
54017	JUNCTION	42.05	2.00	1000.0
27000	JUNCTION	30.54	2.00	1000.0
J168	JUNCTION	13.51	2.00	1000.0
54018	JUNCTION	41.38	2.00	1000.0
32020	JUNCTION	41.49	2.00	1000.0
32087	JUNCTION	30.14	2.00	1000.0
17022	JUNCTION	30.82	2.00	1000.0
27005	JUNCTION	34.39	2.00	1000.0
30000	JUNCTION	38.75	1.90	1000.0
32070	JUNCTION	41.50	2.00	1000.0
17005	JUNCTION	31.68	2.00	1000.0
17016	JUNCTION	31.18	2.00	1000.0
16009	JUNCTION	31.39	2.00	1000.0
16001	JUNCTION	29.40	2.00	1000.0
16008	JUNCTION	31.65	2.00	1000.0
16006	JUNCTION	32.75	2.00	1000.0
11013	JUNCTION	29.76	1.45	1000.0
11012	JUNCTION	29.29	1.63	1000.0
11011	JUNCTION	29.91	1.63	1000.0
16000	JUNCTION	31.15	2.00	1000.0
11017	JUNCTION	30.06	1.50	1000.0
19	JUNCTION	0.00	2.00	1000.0
20	JUNCTION	0.00	2.00	1000.0
21	JUNCTION	0.00	2.00	1000.0
19113	JUNCTION	41.94	1.95	1000.0
32061	JUNCTION	44.92	2.00	1000.0
32060	JUNCTION	45.42	2.00	1000.0
32080	JUNCTION	39.26	2.00	1000.0
32081	JUNCTION	35.43	2.00	1000.0
32075	JUNCTION	36.49	2.00	1000.0
D-17A	JUNCTION	31.41	2.00	1000.0
34001	JUNCTION	0.00	0.00	1000.0
30003	JUNCTION	29.32	2.00	1000.0
33001	JUNCTION	30.39	2.00	1000.0
33002	JUNCTION	29.60	2.00	1000.0
36045	JUNCTION	49.99	2.00	1000.0
39	JUNCTION	0.00	2.00	1000.0
53115	JUNCTION	48.95	2.00	1000.0
53132	JUNCTION	46.15	2.00	1000.0
53140	JUNCTION	40.73	1.90	1000.0
J33	JUNCTION	44.79	1.67	1000.0
53103	JUNCTION	39.02	2.00	1000.0
53110	JUNCTION	35.33	3.16	1000.0
53305	JUNCTION	34.60	2.02	1000.0
53302	JUNCTION	29.78	2.98	1000.0
53301	JUNCTION	32.38	2.60	1000.0
53300	JUNCTION	36.41	2.18	1000.0
53310	JUNCTION	25.86	2.30	1000.0
53316	JUNCTION	26.26	3.85	1000.0
53320	JUNCTION	26.52	1.77	1000.0
53165	JUNCTION	25.44	1.62	1000.0
53166	JUNCTION	25.30	4.21	1000.0
53315	JUNCTION	28.56	2.48	1000.0
24025	JUNCTION	55.39	0.50	1000.0
53167	JUNCTION	25.14	2.22	1000.0
53175	JUNCTION	20.50	2.00	1000.0
53180	JUNCTION	20.91	1.39	1000.0
53075	JUNCTION	39.90	2.00	1000.0
53090	JUNCTION	47.25	2.00	1000.0
53035	JUNCTION	51.63	1.70	1000.0
53004	JUNCTION	48.13	2.00	1000.0
53003	JUNCTION	49.21	2.00	1000.0
53045	JUNCTION	51.98	2.00	1000.0
39011	JUNCTION	47.98	2.00	1000.0
48004	JUNCTION	39.73	2.00	1000.0
36030	JUNCTION	39.13	2.00	1000.0
36015	JUNCTION	52.95	2.00	1000.0
38000	JUNCTION	34.33	2.00	1000.0
36060	JUNCTION	51.92	2.00	1000.0
D-20	JUNCTION	28.98	3.99	1000.0
34005	JUNCTION	29.30	2.00	1000.0
32031	JUNCTION	30.75	2.00	1000.0
32030	JUNCTION	34.36	2.00	1000.0
32045	JUNCTION	33.30	2.00	1000.0
32025	JUNCTION	41.58	2.00	1000.0
32010	JUNCTION	42.03	2.00	1000.0
47003	JUNCTION	40.90	2.00	1000.0

45005	JUNCTION	38.22	2.00	1000.0
45001	JUNCTION	38.10	2.00	1000.0
45000	JUNCTION	38.34	2.00	1000.0
47006	JUNCTION	39.97	2.00	1000.0
42002	JUNCTION	35.20	2.00	1000.0
41000	JUNCTION	36.27	2.00	1000.0
50115	JUNCTION	42.69	2.00	1000.0
50030	JUNCTION	44.70	2.00	1000.0
50027	JUNCTION	49.63	2.00	1000.0
10035	JUNCTION	22.15	2.00	1000.0
10038	JUNCTION	21.59	2.00	1000.0
10018	JUNCTION	26.84	2.00	1000.0
10020	JUNCTION	28.96	2.00	1000.0
10005	JUNCTION	32.16	2.00	1000.0
11008	JUNCTION	0.00	2.00	1000.0
11003	JUNCTION	31.58	1.63	1000.0
11000	JUNCTION	32.82	1.45	1000.0
19066	JUNCTION	40.83	1.63	1000.0
19070	JUNCTION	38.87	1.00	1000.0
19020	JUNCTION	44.84	2.00	1000.0
19075	JUNCTION	44.32	1.45	1000.0
19043	JUNCTION	46.01	1.55	1000.0
J17	JUNCTION	58.25	1.60	1000.0
51010	JUNCTION	56.29	2.00	1000.0
16	JUNCTION	0.00	2.00	1000.0
19078	JUNCTION	41.02	1.55	1000.0
7280	JUNCTION	48.01	2.00	1000.0
54015	JUNCTION	48.24	2.00	1000.0
7137	JUNCTION	64.73	2.00	1000.0
7117	JUNCTION	57.38	2.00	1000.0
7208	JUNCTION	51.83	2.00	1000.0
7258	JUNCTION	41.41	1.00	1000.0
7243	JUNCTION	43.88	1.55	1000.0
7220	JUNCTION	46.55	2.00	1000.0
7242	JUNCTION	46.38	1.50	1000.0
7227	JUNCTION	49.83	2.00	1000.0
7247	JUNCTION	43.01	1.28	1000.0
7248	JUNCTION	43.36	0.50	1000.0
7337	JUNCTION	42.81	1.55	1000.0
7250	JUNCTION	41.34	1.64	1000.0
7305	JUNCTION	51.11	1.55	1000.0
7340	JUNCTION	38.69	1.50	1000.0
7266	JUNCTION	36.34	1.50	1000.0
7272	JUNCTION	36.31	1.55	1000.0
10042	JUNCTION	14.98	2.00	1000.0
J22	JUNCTION	28.40	2.21	1000.0
7080	JUNCTION	68.03	2.00	1000.0
7105B	JUNCTION	54.33	2.93	1000.0
7206	JUNCTION	49.89	0.60	1000.0
7181	JUNCTION	48.33	2.00	1000.0
7300	JUNCTION	51.31	1.55	1000.0
7302	JUNCTION	53.23	1.45	1000.0
J19	JUNCTION	61.87	2.93	1000.0
J21	JUNCTION	63.51	2.00	1000.0
D-13	JUNCTION	23.15	2.81	1000.0
19025	JUNCTION	53.91	1.50	1000.0
19085	JUNCTION	38.11	1.05	1000.0
53041A	JUNCTION	44.98	2.77	1000.0
54000	JUNCTION	49.52	1.00	1000.0
54001	JUNCTION	44.17	1.00	1000.0
54070	JUNCTION	40.39	1.00	1000.0
54060	JUNCTION	40.42	1.00	1000.0
11020	JUNCTION	31.40	1.30	1000.0
19023	JUNCTION	43.20	2.00	1000.0
19126A	JUNCTION	34.81	2.00	1000.0
53400	JUNCTION	41.77	4.03	1000.0
53401	JUNCTION	39.79	4.51	1000.0
7288A	JUNCTION	25.65	1.30	1000.0
7276A	JUNCTION	29.22	2.45	1000.0
7182A	JUNCTION	42.64	2.73	1000.0
7180	JUNCTION	46.02	3.26	1000.0
7180A	JUNCTION	47.16	3.61	1000.0
7121	JUNCTION	48.31	3.43	1000.0
7121A	JUNCTION	48.80	2.96	1000.0
7177A	JUNCTION	53.32	2.00	1000.0
7165A	JUNCTION	53.85	2.00	1000.0
7107	JUNCTION	53.07	3.35	1000.0
7107A	JUNCTION	52.73	3.68	1000.0
7107B	JUNCTION	52.80	3.60	1000.0

7069A	JUNCTION	54.99	3.79	1000.0
7045	JUNCTION	63.36	3.00	1000.0
17093	JUNCTION	1.21	2.00	1000.0
17162A	JUNCTION	1.17	1.83	1000.0
17161A	JUNCTION	1.70	2.00	1000.0
17091A	JUNCTION	8.54	0.60	1000.0
17088	JUNCTION	12.70	2.00	1000.0
17053A	JUNCTION	12.37	2.00	1000.0
17145	JUNCTION	13.34	2.00	1000.0
17100B	JUNCTION	29.40	2.00	1000.0
D-16	JUNCTION	26.78	3.47	1000.0
D-21	JUNCTION	30.53	3.97	1000.0
J1	JUNCTION	31.50	2.50	1000.0
J2	JUNCTION	33.15	1.85	1000.0
J3	JUNCTION	32.52	1.48	1000.0
J4	JUNCTION	31.50	2.50	1000.0
43015	JUNCTION	35.40	1.60	1000.0
42003	JUNCTION	34.40	1.60	1000.0
J5	JUNCTION	34.50	2.60	1000.0
J6	JUNCTION	34.50	2.60	1000.0
44001	JUNCTION	35.65	2.35	1000.0
47025	JUNCTION	36.50	2.00	1000.0
OUT17	JUNCTION	1.08	1.20	1000.0
J7	JUNCTION	35.92	2.60	1000.0
46003	JUNCTION	35.85	2.00	1000.0
J8	JUNCTION	37.11	1.51	1000.0
J9	JUNCTION	36.08	2.50	1000.0
50150A	JUNCTION	36.72	1.33	1000.0
J10	JUNCTION	0.27	2.81	1000.0
J11	JUNCTION	0.65	2.51	1000.0
J12	JUNCTION	1.48	1.60	1000.0
J13	JUNCTION	1.51	1.70	1000.0
J14	JUNCTION	2.64	1.94	1000.0
J23	JUNCTION	29.87	1.73	1000.0
J24	JUNCTION	28.25	1.56	1000.0
J25	JUNCTION	28.32	2.00	1000.0
7163	JUNCTION	54.38	2.94	1000.0
J26	JUNCTION	6.72	0.75	1000.0
J28	JUNCTION	11.22	1.66	1000.0
J29	JUNCTION	17.04	2.13	1000.0
53185	JUNCTION	20.12	5.68	1000.0
J30	JUNCTION	43.78	2.44	1000.0
J31	JUNCTION	47.42	1.58	1000.0
J32	JUNCTION	44.27	2.20	1000.0
J34	JUNCTION	47.13	1.92	1000.0
J35	JUNCTION	23.65	2.60	1000.0
J36	JUNCTION	27.60	2.00	1000.0
J37	JUNCTION	34.30	2.00	1000.0
J38	JUNCTION	34.16	3.00	1000.0
J39	JUNCTION	35.19	2.00	1000.0
J40	JUNCTION	35.85	2.15	1000.0
J41	JUNCTION	35.85	2.15	1000.0
J42	JUNCTION	37.10	2.00	1000.0
J43	JUNCTION	42.70	1.90	1000.0
J44	JUNCTION	43.28	2.90	1000.0
J45	JUNCTION	46.66	3.31	1000.0
J46	JUNCTION	26.82	1.52	1000.0
J47	JUNCTION	25.49	1.28	1000.0
J48	JUNCTION	25.63	2.70	1000.0
J50	JUNCTION	26.83	2.55	1000.0
J51	JUNCTION	29.77	2.31	1000.0
J52	JUNCTION	30.08	2.20	1000.0
J53	JUNCTION	35.32	1.69	1000.0
J54	JUNCTION	32.36	2.15	1000.0
J55	JUNCTION	37.46	1.80	1000.0
J56	JUNCTION	33.56	1.93	1000.0
J57	JUNCTION	32.08	1.28	1000.0
J58	JUNCTION	34.83	3.56	1000.0
J59	JUNCTION	37.00	1.62	1000.0
J60	JUNCTION	37.74	1.94	1000.0
J61	JUNCTION	39.75	2.48	1000.0
J62	JUNCTION	38.43	2.35	1000.0
J63	JUNCTION	39.32	2.41	1000.0
J64	JUNCTION	42.03	1.81	1000.0
J65	JUNCTION	40.55	2.09	1000.0
J66	JUNCTION	42.54	1.42	1000.0
J67	JUNCTION	40.63	2.42	1000.0
J68	JUNCTION	41.38	2.28	1000.0
J69	JUNCTION	40.87	2.40	1000.0

J70	JUNCTION	41.20	2.40	1000.0
J71	JUNCTION	41.42	2.39	1000.0
J72	JUNCTION	42.09	2.03	1000.0
J73	JUNCTION	41.70	1.00	1000.0
J74	JUNCTION	40.17	2.44	1000.0
J75	JUNCTION	40.89	2.26	1000.0
J76	JUNCTION	44.24	2.36	1000.0
J77	JUNCTION	29.24	2.40	1000.0
J78	JUNCTION	32.70	2.98	1000.0
J79	JUNCTION	34.60	1.49	1000.0
J80	JUNCTION	35.14	2.10	1000.0
J81	JUNCTION	38.06	1.76	1000.0
J82	JUNCTION	40.64	1.76	1000.0
J83	JUNCTION	39.68	1.00	1000.0
J84	JUNCTION	44.72	2.24	1000.0
J85	JUNCTION	45.03	3.67	1000.0
J86	JUNCTION	46.08	2.71	1000.0
J87	JUNCTION	45.62	2.79	1000.0
J88	JUNCTION	44.98	3.04	1000.0
J89	JUNCTION	44.52	3.11	1000.0
J90	JUNCTION	45.25	2.72	1000.0
J91	JUNCTION	44.38	3.87	1000.0
J92	JUNCTION	40.27	1.37	1000.0
J93	JUNCTION	67.31	2.10	1000.0
J94	JUNCTION	67.85	2.00	1000.0
J95	JUNCTION	68.23	3.75	1000.0
J96	JUNCTION	68.87	4.05	1000.0
J97	JUNCTION	68.66	3.23	1000.0
J98	JUNCTION	69.04	2.43	1000.0
J99	JUNCTION	68.78	2.11	1000.0
J100	JUNCTION	33.00	2.68	1000.0
J101	JUNCTION	45.16	2.82	1000.0
J102	JUNCTION	41.93	2.09	1000.0
J103	JUNCTION	41.52	2.85	1000.0
J104	JUNCTION	42.63	2.56	1000.0
J105	JUNCTION	43.33	2.49	1000.0
J106	JUNCTION	34.83	3.56	1000.0
J107	JUNCTION	69.31	2.00	1000.0
J108	JUNCTION	69.59	2.00	1000.0
J109	JUNCTION	69.48	2.00	1000.0
J110	JUNCTION	68.13	1.75	1000.0
J111	JUNCTION	69.46	2.14	1000.0
J112	JUNCTION	68.89	2.84	1000.0
J113	JUNCTION	69.14	1.98	1000.0
J114	JUNCTION	69.65	1.06	1000.0
J115	JUNCTION	69.68	1.78	1000.0
J116	JUNCTION	70.24	1.73	1000.0
J117	JUNCTION	70.67	1.47	1000.0
J118	JUNCTION	68.12	2.34	1000.0
J120	JUNCTION	69.03	2.40	1000.0
J121	JUNCTION	65.39	2.94	1000.0
J122	JUNCTION	72.51	1.77	1000.0
J123	JUNCTION	72.05	2.72	1000.0
J124	JUNCTION	71.06	2.68	1000.0
J125	JUNCTION	65.98	3.48	1000.0
J126	JUNCTION	67.02	0.30	1000.0
J127	JUNCTION	70.16	2.54	1000.0
J128	JUNCTION	71.46	2.10	1000.0
J129	JUNCTION	70.35	1.55	1000.0
J130	JUNCTION	72.30	2.05	1000.0
J131	JUNCTION	72.75	2.22	1000.0
J132	JUNCTION	72.46	1.64	1000.0
J133	JUNCTION	68.69	1.50	1000.0
J134	JUNCTION	68.48	4.31	1000.0
J135	JUNCTION	69.06	2.56	1000.0
J136	JUNCTION	68.55	1.05	1000.0
J137	JUNCTION	66.25	1.80	1000.0
J138	JUNCTION	66.16	1.79	1000.0
J139	JUNCTION	66.00	2.13	1000.0
J140	JUNCTION	75.22	1.86	1000.0
J141	JUNCTION	70.44	1.72	1000.0
J142	JUNCTION	68.30	3.39	1000.0
J143	JUNCTION	69.00	3.28	1000.0
J144	JUNCTION	67.58	3.01	1000.0
J145	JUNCTION	60.70	2.48	1000.0
J146	JUNCTION	60.85	2.40	1000.0
J147	JUNCTION	62.50	1.89	1000.0
J148	JUNCTION	66.42	2.88	1000.0
J149	JUNCTION	68.35	1.00	1000.0

J150	JUNCTION	63.46	2.62	1000.0
J151	JUNCTION	57.55	3.58	1000.0
J152	JUNCTION	57.55	3.58	1000.0
48002	JUNCTION	55.99	4.17	1000.0
J153	JUNCTION	50.04	2.96	1000.0
J154	JUNCTION	51.35	2.36	1000.0
J155	JUNCTION	51.80	2.01	1000.0
J156	JUNCTION	52.20	1.64	1000.0
J157	JUNCTION	51.75	1.50	1000.0
J158	JUNCTION	48.02	3.06	1000.0
J159	JUNCTION	53.10	2.08	1000.0
J160	JUNCTION	52.49	2.60	1000.0
J161	JUNCTION	43.94	1.00	1000.0
J162	JUNCTION	61.85	1.50	1000.0
J163	JUNCTION	67.80	1.65	1000.0
J164	JUNCTION	67.04	2.38	1000.0
J165	JUNCTION	20.79	1.74	1000.0
J167	JUNCTION	53.60	2.10	1000.0
J169	JUNCTION	14.04	1.41	1000.0
J170	JUNCTION	68.91	1.86	1000.0
J171	JUNCTION	39.50	1.48	1000.0
J172	JUNCTION	47.62	1.17	1000.0
J173	JUNCTION	14.43	2.00	1000.0
J174	JUNCTION	14.07	2.00	1000.0
54010	JUNCTION	40.00	1.00	1000.0
J175	JUNCTION	68.63	2.84	1000.0
4001	OUTFALL	0.00	0.15	0.0
3002	OUTFALL	5.00	0.15	0.0
2003	OUTFALL	5.00	0.30	0.0
1002	OUTFALL	5.00	0.30	0.0
5033	OUTFALL	0.00	0.45	0.0
6003	OUTFALL	3.00	0.30	0.0
8021	OUTFALL	1.00	0.20	0.0
9011	OUTFALL	1.00	0.20	0.0
10060	OUTFALL	1.00	0.45	0.0
0F7	OUTFALL	68.61	0.60	0.0
13026	OUTFALL	4.00	0.25	0.0
14005	OUTFALL	1.00	0.20	0.0
15010	OUTFALL	0.00	0.25	0.0
18012	OUTFALL	2.00	0.20	0.0
20050	OUTFALL	22.00	0.35	0.0
21015	OUTFALL	8.40	0.25	0.0
22010	OUTFALL	11.00	0.20	0.0
23011	OUTFALL	23.00	0.30	0.0
25010	OUTFALL	20.86	0.38	0.0
26004	OUTFALL	26.00	0.20	0.0
27011	OUTFALL	24.29	0.25	0.0
29010	OUTFALL	28.00	0.25	0.0
28002	OUTFALL	27.00	0.20	0.0
30010	OUTFALL	29.00	0.38	0.0
31002	OUTFALL	30.00	0.20	0.0
34011	OUTFALL	30.00	0.38	0.0
32088	OUTFALL	29.00	0.45	0.0
33003	OUTFALL	28.30	0.20	0.0
35007	OUTFALL	32.00	0.45	0.0
36055	OUTFALL	32.00	0.45	0.0
37010	OUTFALL	33.70	0.20	0.0
38001	OUTFALL	34.00	0.20	0.0
39065	OUTFALL	32.18	0.75	0.0
39085	OUTFALL	58.12	0.25	0.0
52000	OUTFALL	51.00	0.30	0.0
7356	OUTFALL	-0.24	1.20	0.0
0F5	OUTFALL	1.00	1.00	0.0
24110	OUTFALL	21.99	0.60	0.0
0F1	OUTFALL	-0.65	0.75	0.0
51045	OUTFALL	54.80	0.45	0.0
16045	OUTFALL	0.00	1.00	0.0
53006	OUTFALL	42.75	0.45	0.0
0F6	OUTFALL	39.00	1.00	0.0
49003	OUTFALL	58.60	0.30	0.0
0F2	OUTFALL	32.00	1.00	0.0
J27	OUTFALL	4.21	0.75	0.0
J49	OUTFALL	25.05	0.90	0.0
0F3	OUTFALL	31.62	0.60	0.0
0F4	OUTFALL	57.29	0.45	0.0
0F8	OUTFALL	30.00	0.50	0.0
50150	STORAGE	36.25	1.80	0.0
53161	STORAGE	23.60	1.70	0.0
53160	STORAGE	26.40	1.70	0.0

53081	STORAGE	33.70	1.00	0.0
53080	STORAGE	37.10	1.70	0.0
53200	STORAGE	35.80	1.70	0.0
SU1	STORAGE	35.75	1.50	0.0
SU2	STORAGE	26.60	1.75	0.0
SU3	STORAGE	35.70	2.60	0.0
SU4	STORAGE	33.00	1.75	0.0
SU5	STORAGE	57.98	3.02	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
P-10002	10002	10003	CONDUIT	65.8	1.4014	0.0130
P-10003	10003	10004	CONDUIT	111.4	0.6211	0.0130
P-10005	10005	10006	CONDUIT	80.3	0.5806	0.0130
P-10007	10007	10006	CONDUIT	46.0	0.9095	0.0130
P-10006	10006	10004	CONDUIT	11.5	0.5108	0.0130
P-10004	10004	10010	CONDUIT	98.3	2.9404	0.0130
P-10015	10015	10016	CONDUIT	59.0	1.5002	0.0130
P-10016	10016	10017	CONDUIT	10.0	3.2520	0.0130
P-10017	10017	10010	CONDUIT	22.1	1.4320	0.0130
P-10010	10010	10018	CONDUIT	52.4	3.2001	0.0130
P-10018	10018	10019	CONDUIT	47.1	3.2027	0.0130
P-10019	10019	10025	CONDUIT	14.6	1.0090	0.0100
P-10027	10027	10025	CONDUIT	10.5	1.0010	0.0130
P-10026	10026	10027	CONDUIT	80.3	1.3919	0.0130
P-10022	10022	10023	CONDUIT	44.0	1.4508	0.0130
P-10023	10023	10021	CONDUIT	18.5	1.6994	0.0130
P-10021	10021	10019	CONDUIT	64.5	1.7000	0.0130
P-10020	10020	10021	CONDUIT	78.6	3.0001	0.0130
P-10025	10025	10030	CONDUIT	72.8	4.1812	0.0130
P-10030	10030	10031	CONDUIT	67.9	4.1809	0.0130
P-10032	10032	10031	CONDUIT	136.5	1.4100	0.0130
P-10031	10031	10033	CONDUIT	92.1	4.6719	0.0130
P-10033	10033	10034	CONDUIT	80.9	0.9497	0.0130
P-10034	10034	10040	CONDUIT	44.5	0.7307	0.0130
P-10040	10040	10041	CONDUIT	51.9	0.9617	0.0130
P-10041	10041	10043	CONDUIT	17.5	8.0003	0.0110
C70	J23	J22	CONDUIT	73.0	1.9927	0.0110
P-10045	10045	10053	CONDUIT	18.3	6.9842	0.0130
P-10053	10053	10060	CONDUIT	108.1	8.0498	0.0130
P-10055	10055	10056	CONDUIT	32.6	0.4749	0.0130
P-10056	10056	10057	CONDUIT	139.0	2.0399	0.0130
P-10057	10057	10053	CONDUIT	45.8	3.7001	0.0100
P-10035	10035	10036	CONDUIT	43.5	1.0007	0.0100
P-10037	10037	10036	CONDUIT	93.7	0.4000	0.0100
P-10036	10036	10038	CONDUIT	12.5	1.0056	0.0110
P-10038	10038	10039	CONDUIT	63.1	4.8401	0.0110
P-10039	10039	10034	CONDUIT	74.5	5.5405	0.0110
P-10052	10052	10045	CONDUIT	61.5	0.3530	0.0130
P-10050	10050	10051	CONDUIT	43.1	4.9422	0.0130
P-10051	10051	10052	CONDUIT	80.8	2.8994	0.0130
P-10042	10042	10041	CONDUIT	69.5	2.0004	0.0130
C69	10043	10045	CONDUIT	28.3	3.5302	0.0110
P-12000	12000	12001	CONDUIT	84.5	1.0008	0.0130
P-12001	12001	12002	CONDUIT	106.1	0.9996	0.0130
P-12002	12002	J13	CONDUIT	21.3	1.0062	0.0130
P-12005	12005	12002	CONDUIT	98.8	1.0007	0.0130
P-13000	13000	13001	CONDUIT	135.5	1.0007	0.0130
P-13001	13001	13002	CONDUIT	52.6	0.6004	0.0130
P-13002	13002	13003	CONDUIT	20.6	1.0001	0.0130
P-13003	13003	13004	CONDUIT	8.1	3.3765	0.0130
P-13004	13004	13010	CONDUIT	36.5	8.5003	0.0130
P-13010	13010	13015	CONDUIT	43.5	8.1998	0.0130
P-13011	13011	13010	CONDUIT	83.1	1.0014	0.0130
P-13015	13015	13025	CONDUIT	76.0	8.1996	0.0130
P-13025	13025	13026	CONDUIT	15.0	6.9501	0.0130
P-13005	13005	13004	CONDUIT	10.7	1.9743	0.0130
P-14000	14000	14001	CONDUIT	51.9	1.4515	0.0130
P-14001	14001	14002	CONDUIT	83.4	0.8894	0.0130
P-14002	14002	14003	CONDUIT	36.3	3.3002	0.0130
P-14003	14003	14004	CONDUIT	49.0	18.1999	0.0130
P-14004	14004	14005	CONDUIT	15.9	1.0909	0.0130
P-15005	15005	15001	CONDUIT	84.7	0.4995	0.0130
P-15000	15000	15001	CONDUIT	40.6	0.5019	0.0130
P-15001	15001	15010	CONDUIT	58.0	1.0019	0.0130

P-18000	18000	18001	CONDUIT	45.8	1.3719	0.0100
P-18005	18005	18001	CONDUIT	56.3	0.5689	0.0100
P-18001	18001	18010	CONDUIT	94.4	3.5106	0.0100
P-18010	18010	18011	CONDUIT	12.8	3.5119	0.0100
P-18011	18011	18012	CONDUIT	34.9	2.9988	0.0100
P-20000	20000	20001	CONDUIT	34.8	0.6009	0.0100
P-20001	20001	20002	CONDUIT	93.7	2.9993	0.0100
P-20002	20002	20003	CONDUIT	84.5	2.6003	0.0130
C68	J20	J19	CONDUIT	8.2	6.0133	0.0110
P-20006	20006	20003	CONDUIT	122.4	2.9501	0.0130
P-20003	J16	20010	CONDUIT	28.9	2.8771	0.0110
P-20011	20011	20012	CONDUIT	247.1	2.0005	0.0130
P-20012	20012	20013	CONDUIT	8.0	2.8031	0.0130
P-20013	20013	20010	CONDUIT	42.3	0.7309	0.0130
P-20010	20010	20014	CONDUIT	36.6	1.5849	0.0110
P-20015	20015	20016	CONDUIT	76.2	2.7735	0.0130
C63	20014	20016	CONDUIT	58.4	0.8898	0.0110
C64	20003	J16	CONDUIT	6.2	0.4847	0.0110
C65	J17	J16	CONDUIT	43.0	1.0711	0.0110
P-20021	20021	20020	CONDUIT	80.8	5.4163	0.0110
P-20020	20020	20022	CONDUIT	174.4	5.0454	0.0130
P-20022	20022	20030	CONDUIT	290.2	2.7540	0.0130
P-20030	20030	20050	CONDUIT	330.3	3.6085	0.0130
P-20035	20035	20040	CONDUIT	260.5	3.0236	0.0130
P-20040	20040	20030	CONDUIT	42.9	2.3099	0.0130
P-10001	10001	10002	CONDUIT	101.8	2.1013	0.0130
P-10000	10000	10001	CONDUIT	117.4	2.8003	0.0130
P-9005	9005	9001	CONDUIT	67.2	1.5027	0.0130
P-9010	9010	9011	CONDUIT	38.2	5.0010	0.0130
P-9001	9001	9010	CONDUIT	68.3	1.0002	0.0130
P-9000	9000	9001	CONDUIT	41.7	5.0002	0.0130
P-8016	8016	8011	CONDUIT	18.0	1.4977	0.0130
P-8015	8015	8016	CONDUIT	64.8	5.0001	0.0130
P-8020	8020	8021	CONDUIT	26.7	4.3712	0.0130
P-8011	8011	8020	CONDUIT	50.1	4.3697	0.0130
P-8010	8010	8011	CONDUIT	19.0	1.5002	0.0130
P-8002	8002	8010	CONDUIT	49.4	5.0002	0.0130
P-8000	8000	8001	CONDUIT	31.4	4.9999	0.0130
P-8001	8001	8002	CONDUIT	10.8	1.0112	0.0130
P-8006	8006	8002	CONDUIT	29.8	0.9994	0.0130
P-8005	8005	8006	CONDUIT	10.6	0.9982	0.0130
P-6002	6002	6003	CONDUIT	54.7	12.5539	0.0130
P-6001	6001	6002	CONDUIT	119.3	3.5717	0.0130
P-6000	6000	6001	CONDUIT	65.1	5.1342	0.0130
P-7006	7006	7017	CONDUIT	12.8	3.2439	0.0130
P-7003	7003	7006	CONDUIT	89.5	3.2509	0.0130
P-7005	7005	7003	CONDUIT	104.2	4.2098	0.0130
P-5011	5011	5012	CONDUIT	84.3	3.6691	0.0130
P-5010	5010	5011	CONDUIT	85.5	4.1710	0.0130
P-5012	5012	5013	CONDUIT	68.1	5.5020	0.0130
P-5030	5030	5031	CONDUIT	60.1	4.6700	0.0130
P-5016	5016	5013	CONDUIT	100.8	3.9006	0.0130
P-5015	5015	5016	CONDUIT	90.4	5.2505	0.0130
P-5021	5021	5017	CONDUIT	103.8	3.7503	0.0130
P-5020	5020	5021	CONDUIT	70.4	5.1717	0.0130
P-5013	5013	5017	CONDUIT	9.6	0.9980	0.0130
P-5031	5031	5027	CONDUIT	96.0	2.3303	0.0130
P-5017	5017	5022	CONDUIT	72.9	1.0018	0.0130
P-5026	5026	5022	CONDUIT	98.3	3.3297	0.0130
P-5025	5025	5026	CONDUIT	84.5	4.8305	0.0130
P-5022	5022	5006	CONDUIT	14.9	2.5075	0.0130
P-5032	5032	5033	CONDUIT	92.7	4.8406	0.0130
P-5027	5027	5032	CONDUIT	86.5	4.1742	0.0130
P-5006	5006	5027	CONDUIT	18.3	1.0044	0.0130
P-5005	5005	5006	CONDUIT	188.3	4.6703	0.0130
P-5003	5003	5005	CONDUIT	92.1	3.0803	0.0130
P-5002	5002	5003	CONDUIT	73.4	3.0815	0.0130
P-5001	5001	5002	CONDUIT	15.2	3.0804	0.0130
P-5000	5000	5001	CONDUIT	54.4	4.0006	0.0130
P-4000	4000	4001	CONDUIT	169.7	1.0006	0.0130
P-3000	3000	3001	CONDUIT	47.6	4.0003	0.0100
P-3001	3001	3002	CONDUIT	143.4	15.9999	0.0130
P-2000	2000	2001	CONDUIT	22.3	0.4982	0.0130
P-2001	2001	2002	CONDUIT	108.8	5.5005	0.0130
P-1000	1000	1001	CONDUIT	110.1	5.0003	0.0130
P-2002	2002	2003	CONDUIT	79.0	19.9998	0.0130
P-1001	1001	1002	CONDUIT	95.5	22.4995	0.0130
P-54017	54017	54018	CONDUIT	67.2	1.0026	0.0300
P-54016	54016	54017	CONDUIT	185.6	0.4996	0.0100

P-54015	54015	54016	CONDUIT	525.6	1.0001	0.0300
P-52001	52001	52000	CONDUIT	103.8	0.9633	0.0240
P-48002	48003	48004	CONDUIT	386.8	4.1503	0.0100
P-49002	49002	49003	CONDUIT	108.1	1.4894	0.0100
C209	49001	J162	CONDUIT	25.6	0.8885	0.0110
P-49000	49000	49001	CONDUIT	62.4	0.5014	0.0100
C200	J153	19093	CONDUIT	77.7	2.1361	0.0110
P-48000	48000	48001	CONDUIT	119.0	0.2100	0.0110
P-48005	48005	48004	CONDUIT	151.0	0.5000	0.0100
P-47015	47015	47016	CONDUIT	51.8	0.9989	0.0110
P-47011	47011	47025	CONDUIT	41.0	0.2442	0.0110
P-47016	47016	47011	CONDUIT	23.0	1.0061	0.0110
P-47020	47020	47016	CONDUIT	27.2	1.0026	0.0110
P-47010	47010	47011	CONDUIT	76.9	1.0019	0.0110
P-47004	47004	47010	CONDUIT	84.7	1.0003	0.0110
P-47006	47006	47004	CONDUIT	140.8	1.0007	0.0100
P-47005	47005	47006	CONDUIT	117.6	1.0010	0.0110
P-47001	47001	47002	CONDUIT	94.7	4.8299	0.0110
P-47000	47000	47001	CONDUIT	104.1	0.5598	0.0110
P-46002	46002	46003	CONDUIT	66.0	2.9305	0.0100
P-46001	46001	46002	CONDUIT	136.3	0.7698	0.0100
P-46000	46000	46001	CONDUIT	86.7	3.1400	0.0100
P-45002	45002	SU1	CONDUIT	83.4	2.4453	0.0100
P-45005	45005	45002	CONDUIT	51.3	0.7012	0.0100
P-45001	45001	45002	CONDUIT	27.0	0.5007	0.0100
P-45000	45000	45001	CONDUIT	47.8	0.4999	0.0100
P-44000	44000	44001	CONDUIT	55.3	3.3708	0.0100
P-43001	43001	43015	CONDUIT	106.2	4.3319	0.0130
P-43005	43005	43001	CONDUIT	95.2	3.8300	0.0130
P-43010	43010	43001	CONDUIT	60.8	6.6010	0.0130
P-43000	43000	43001	CONDUIT	25.8	1.9717	0.0130
P-42002	42002	42003	CONDUIT	11.8	6.7297	0.0110
P-42001	42001	42002	CONDUIT	64.1	0.3492	0.0110
P-42000	42000	42001	CONDUIT	116.1	0.4506	0.0110
P-41002	41002	J2	CONDUIT	89.8	0.6400	0.0130
P-41001	41001	41002	CONDUIT	107.9	1.0510	0.0130
P-41000	41000	41001	CONDUIT	131.3	1.0005	0.0130
P-40010	40010	J2	CONDUIT	39.9	6.9096	0.0130
P-40017	40017	40010	CONDUIT	120.7	2.9999	0.0130
P-40016	40016	40017	CONDUIT	57.8	4.3006	0.0130
P-40015	40015	40016	CONDUIT	64.2	5.7006	0.0130
P-40003	40003	40010	CONDUIT	88.3	1.0013	0.0130
P-40005	40005	40003	CONDUIT	36.1	0.5014	0.0130
P-40002	40002	40003	CONDUIT	101.0	4.5700	0.0130
P-40001	40001	40002	CONDUIT	91.8	5.1714	0.0130
P-40000	40000	40001	CONDUIT	37.4	1.2294	0.0130
P-39061	39061	39055	CONDUIT	76.7	0.5005	0.0130
P-39060	39060	39061	CONDUIT	176.8	3.9996	0.0130
P-39045	39045	39030	CONDUIT	105.6	0.4998	0.0130
P-39036	39036	39045	CONDUIT	74.8	1.0002	0.0130
P-39035	39035	39036	CONDUIT	50.4	0.5020	0.0130
P-39040	39040	39036	CONDUIT	65.6	1.0016	0.0130
P-39050	39050	39004	CONDUIT	60.3	1.3515	0.0110
P-39009	39009	39050	CONDUIT	104.3	4.1743	0.0110
P-39025	39025	39021	CONDUIT	57.6	0.9020	0.0100
P-39030	39030	39009	CONDUIT	67.5	6.9043	0.0110
P-39021	39021	39030	CONDUIT	80.5	3.2896	0.0100
P-39020	39020	39021	CONDUIT	83.0	1.4403	0.0100
P-39011	39011	39020	CONDUIT	60.7	1.0002	0.0100
P-39015	39015	39011	CONDUIT	61.1	0.5011	0.0100
P-39010	39010	39011	CONDUIT	42.1	1.4999	0.0100
P-39008	39008	39009	CONDUIT	67.4	0.8001	0.0110
P-39007	39007	39008	CONDUIT	100.4	3.0006	0.0100
P-39006	39006	39007	CONDUIT	100.0	8.2704	0.0100
P-39005	39005	39006	CONDUIT	119.0	3.6001	0.0100
P-39076	39076	39085	CONDUIT	63.5	0.5673	0.0110
P-39080	39080	39076	CONDUIT	41.3	0.5081	0.0100
P-39075	39075	39076	CONDUIT	85.9	0.5005	0.0100
P-39055	39055	39065	CONDUIT	38.8	0.5026	0.0110
P-39004	39004	39055	CONDUIT	106.6	0.5063	0.0110
P-39003	39003	39004	CONDUIT	141.4	1.9998	0.0130
P-39002	39002	39003	CONDUIT	132.6	2.5000	0.0130
P-39001	39001	39002	CONDUIT	115.8	4.0006	0.0130
P-39000	39000	39001	CONDUIT	91.4	6.3996	0.0130
P-38000	38000	38001	CONDUIT	66.3	0.5008	0.0130
P-37003	37003	37010	CONDUIT	48.6	1.1194	0.0130
P-37005	37005	37003	CONDUIT	61.1	0.4992	0.0130
P-37002	37002	37003	CONDUIT	84.4	0.4998	0.0130
P-37001	37001	37002	CONDUIT	67.7	5.0011	0.0130

P-37000	37000	37001	CONDUIT	84.8	0.5010	0.0130
P-36050	36050	36046	CONDUIT	85.7	8.0000	0.0100
P-36046	36046	36040	CONDUIT	192.2	1.0002	0.0110
P-36045	36045	36046	CONDUIT	192.3	8.0006	0.0100
P-36035	36035	36031	CONDUIT	119.1	3.5401	0.0100
P-36025	36025	36020	CONDUIT	121.2	8.0001	0.0100
P-36017	36017	36010	CONDUIT	54.5	3.9995	0.0100
P-36016	36016	36017	CONDUIT	63.6	2.0013	0.0100
P-36015	36015	36016	CONDUIT	38.7	1.0006	0.0100
P-36005	36005	36002	CONDUIT	112.8	1.0002	0.0100
P-36060	36060	36001	CONDUIT	140.4	0.4999	0.0100
P-36040	36040	36055	CONDUIT	45.6	1.4993	0.0100
P-36031	36031	36040	CONDUIT	77.6	4.0009	0.0100
P-36030	36030	36031	CONDUIT	67.1	4.9995	0.0100
P-36020	36020	36030	CONDUIT	55.8	8.0008	0.0100
P-36010	36010	36020	CONDUIT	92.2	6.0006	0.0100
P-36002	36002	36010	CONDUIT	77.8	0.9997	0.0100
P-36001	36001	36002	CONDUIT	85.5	1.5001	0.0100
P-36000	36000	36001	CONDUIT	37.8	1.0001	0.0100
P-35005	35005	35006	CONDUIT	80.6	0.4764	0.0100
P-35006	35006	35007	CONDUIT	60.1	0.5022	0.0100
P-35004	35004	35005	CONDUIT	79.8	5.2376	0.0130
P-35003	35003	35004	CONDUIT	85.1	3.9994	0.0130
P-35002	35002	35003	CONDUIT	115.8	4.0001	0.0130
P-35001	35001	35002	CONDUIT	102.0	3.4995	0.0130
P-35000	35000	35001	CONDUIT	86.7	0.5005	0.0130
P-33002	33002	33003	CONDUIT	91.5	1.4201	0.0130
P-33001	33001	33002	CONDUIT	82.6	0.9613	0.0130
P-33000	33000	33001	CONDUIT	89.5	0.8007	0.0130
P-32070	32070	32065	CONDUIT	158.3	0.5326	0.0130
P-32020	32020	32015	CONDUIT	55.5	0.3012	0.0100
P-32006	32006	32007	CONDUIT	95.7	4.3006	0.0100
P-32005	32005	32006	CONDUIT	52.8	3.6519	0.0100
P-32087	32087	32088	CONDUIT	15.4	7.3923	0.0130
P-32086	32086	32087	CONDUIT	110.3	0.5094	0.0130
P-32082	32082	D-17A	CONDUIT	7.8	6.0854	0.0130
P-32081	32081	32082	CONDUIT	86.1	3.9997	0.0130
P-32080	32080	32081	CONDUIT	96.0	3.9997	0.0130
P-32085	32085	32086	CONDUIT	29.8	1.9022	0.0130
P-32050	D-17A	32085	CONDUIT	14.0	1.0222	0.0130
P-32075	32075	D-17A	CONDUIT	106.7	4.7665	0.0130
P-32065	32065	32075	CONDUIT	88.8	4.5799	0.0130
P-32056	32056	32065	CONDUIT	88.7	4.5802	0.0130
P-32061	32061	32056	CONDUIT	15.1	1.0093	0.0130
P-32060	32060	32061	CONDUIT	50.3	1.0018	0.0130
P-32055	32055	32056	CONDUIT	104.8	0.6414	0.0130
P-32032	D-18	D-17	CONDUIT	99.6	0.4519	0.0110
P-34010	34010	34011	CONDUIT	92.0	0.1500	0.0100
C32	D-18A	D-18	CONDUIT	9.8	7.3014	0.0110
P-34005	34005	34002	CONDUIT	52.2	0.1646	0.0100
P-34001	34002	D-18	CONDUIT	50.0	0.2798	0.0110
C33	D-20	D-19	CONDUIT	7.1	2.2478	0.0110
P-32040	32040	D-18A	CONDUIT	10.8	1.4965	0.0110
C34	D-19	D-18	CONDUIT	108.6	0.5340	0.0110
P-32045	32045	32040	CONDUIT	100.5	2.5005	0.0100
P-32031	32031	D-18A	CONDUIT	45.7	0.5006	0.0130
P-32030	32030	32031	CONDUIT	46.3	7.8106	0.0130
P-32015	32015	32030	CONDUIT	88.8	7.8100	0.0130
P-32007	32007	32002	CONDUIT	102.0	0.5002	0.0130
P-32025	32025	32015	CONDUIT	42.4	0.5000	0.0130
P-32010	32010	32002	CONDUIT	68.0	0.5001	0.0130
P-32002	32002	32015	CONDUIT	9.9	3.2105	0.0130
P-32001	32001	32002	CONDUIT	115.5	4.5206	0.0130
P-32000	32000	32001	CONDUIT	192.0	1.5004	0.0130
P-31001	31001	31002	CONDUIT	38.7	1.0008	0.0130
P-31000	31000	31001	CONDUIT	35.0	3.2483	0.0130
C31	D-17	D-16	CONDUIT	159.5	0.6333	0.0110
P-30003	30003	30010	CONDUIT	25.5	1.2741	0.0110
P-30002	30002	30003	CONDUIT	84.1	2.4017	0.0110
P-30001	30001	30002	CONDUIT	125.3	4.0506	0.0110
P-30000	30000	30001	CONDUIT	56.4	4.0000	0.0130
P-29005	29005	29002	CONDUIT	121.0	1.5010	0.0130
P-29002	29002	29010	CONDUIT	75.3	2.0009	0.0130
P-29001	29001	29002	CONDUIT	76.0	1.0016	0.0130
P-29000	29000	29001	CONDUIT	124.0	1.5005	0.0130
P-28001	28001	28002	CONDUIT	83.0	1.0005	0.0130
P-28000	28000	28001	CONDUIT	81.0	2.9994	0.0130
P-27001	D-15	D-14	CONDUIT	84.0	0.8694	0.0110
P-27000	27000	D-15	CONDUIT	116.9	3.1153	0.0130

P-27010	27010	27011	CONDUIT	33.3	4.5037	0.0130
P-27002	17100A	27010	CONDUIT	80.2	4.3642	0.0130
P-27006	27006	17100B	CONDUIT	95.3	3.0002	0.0130
P-27005	27005	27006	CONDUIT	69.4	3.0018	0.0130
P-26003	26003	26004	CONDUIT	56.7	2.0011	0.0130
P-26002	26002	26003	CONDUIT	116.5	2.0007	0.0130
P-26001	26001	26002	CONDUIT	45.5	1.5007	0.0130
P-26000	26000	26001	CONDUIT	72.7	2.0001	0.0130
P-25001	25001	25010	CONDUIT	14.1	18.4424	0.0110
P-25000	25000	25001	CONDUIT	21.1	0.4257	0.0110
P-25005	25005	25000	CONDUIT	65.2	0.5060	0.0110
P-23010	23010	23011	CONDUIT	28.0	0.5039	0.0130
P-23002	23002	23010	CONDUIT	101.2	0.5002	0.0130
P-23005	23005	23002	CONDUIT	112.8	0.4998	0.0130
P-23001	23001	23002	CONDUIT	48.7	0.5788	0.0100
P-23000	23000	23001	CONDUIT	51.2	0.5802	0.0100
P-22003	22003	22010	CONDUIT	72.1	5.0007	0.0130
P-22005	22005	22003	CONDUIT	31.3	1.0023	0.0130
P-22002	22002	22003	CONDUIT	67.1	4.9988	0.0130
P-22001	22001	22002	CONDUIT	34.6	5.0005	0.0130
P-22000	22000	22001	CONDUIT	71.8	5.0014	0.0130
P-21002	21002	21015	CONDUIT	57.4	5.0351	0.0130
P-21005	21005	21002	CONDUIT	72.4	0.4997	0.0130
P-21011	21011	21002	CONDUIT	90.8	2.4997	0.0130
P-21010	21010	21011	CONDUIT	84.5	2.5002	0.0130
P-21001	21001	21002	CONDUIT	70.1	2.4997	0.0130
P-21000	21000	21001	CONDUIT	35.7	2.4994	0.0130
P-7045	7045	7046	CONDUIT	4.1	0.3390	0.0110
P-7044	7044	7045	CONDUIT	103.2	0.9998	0.0110
P-7043	7043	7044	CONDUIT	104.3	0.8612	0.0110
P-7038	7038	7043	CONDUIT	121.1	0.9797	0.0110
P-7041	7041	7038	CONDUIT	79.6	0.5201	0.0110
P-7040	7040	7041	CONDUIT	71.0	0.4901	0.0110
C75	19107	19115	CONDUIT	14.0	4.1464	0.0110
P-7030	7030	7037	CONDUIT	70.1	0.4896	0.0110
P-7035	7035	J94	CONDUIT	97.4	0.5974	0.0110
P-7036	J94	J93	CONDUIT	48.4	0.3407	0.0110
P-7029	7029	7030	CONDUIT	15.0	0.1200	0.0130
P-7028	7028	7029	CONDUIT	103.5	0.0416	0.0130
P-7027	7027	7028	CONDUIT	7.5	0.1192	0.0130
P-7026	7026	7027	CONDUIT	137.6	0.1199	0.0130
P-7025	7025	7026	CONDUIT	88.2	0.1202	0.0130
P-7325	7325	7328	CONDUIT	135.2	3.6603	0.0130
P-7328	7328	7329	CONDUIT	101.6	2.5698	0.0130
P-7329	7329	7270	CONDUIT	161.6	1.5003	0.0130
P-7276	7276	7276A	CONDUIT	49.5	3.6373	0.0130
P-7351	7351	7288A	CONDUIT	10.0	3.0014	0.0130
P-7350	7350	7351	CONDUIT	68.7	0.5020	0.0130
P-7270	7270	7350	CONDUIT	107.8	0.3999	0.0130
P-7285	7285	7288	CONDUIT	14.8	3.5834	0.0130
P-7287	7287	7350	CONDUIT	9.6	0.4979	0.0130
P-7286	7286	7287	CONDUIT	59.3	0.5021	0.0130
P-7011	7011	7006	CONDUIT	96.8	7.0014	0.0130
P-7010	7010	7011	CONDUIT	29.2	0.4997	0.0130
P-7012	7012	7011	CONDUIT	24.5	6.9987	0.0130
P-7015	7015	7016	CONDUIT	63.5	1.0015	0.0130
P-7016	7016	7017	CONDUIT	56.8	5.5008	0.0130
P-7288A	7288A	7018	CONDUIT	150.6	5.0049	0.0300
P-7355	7355	7356	CONDUIT	256.9	7.0155	0.0300
P-7020	7020	7018	CONDUIT	131.7	1.0008	0.0130
P-7018	7018	7355	CONDUIT	15.0	2.5341	0.0240
P-7017	7017	7018	CONDUIT	136.8	0.7199	0.0130
P-7001	7001	7003	CONDUIT	66.9	4.1704	0.0130
P-7022	7022	7001	CONDUIT	24.0	0.5008	0.0130
P-7000	7000	7001	CONDUIT	67.5	1.7123	0.0130
P-7046	7046	7047	CONDUIT	106.7	4.5750	0.0110
P-7045A	7045	7047	CONDUIT	111.9	3.0488	0.0110
P-7117	7117	7116	CONDUIT	25.5	1.9171	0.0130
P-7116	7116	7112	CONDUIT	76.0	1.9206	0.0130
P-7115	7115	7116	CONDUIT	97.0	2.3997	0.0130
P-7112	7112	7107	CONDUIT	84.9	1.9599	0.0130
P-7111	7111	7112	CONDUIT	142.0	1.4497	0.0130
P-7110	7110	7111	CONDUIT	125.3	2.9405	0.0130
P-7101	7101	7097	CONDUIT	94.6	3.7096	0.0110
P-7100	7100	7101	CONDUIT	102.0	1.4098	0.0110
C14	7105B	7105A	CONDUIT	4.5	0.6278	0.0130
P-7120	7120	7121	CONDUIT	103.7	2.5174	0.0130
P-7105	7105	7107	CONDUIT	135.0	0.8796	0.0130
P-7069	7069	7105A	CONDUIT	51.3	1.0672	0.0130

P-7103	7103	7069A	CONDUIT	109.3	0.8803	0.0110
P-7102	7102	7103	CONDUIT	53.5	0.6409	0.0110
P-7097	7097	7102	CONDUIT	111.7	0.6104	0.0110
P-7096	7096	7095	CONDUIT	41.0	1.5032	0.0110
P-7095	7095	7097	CONDUIT	39.5	2.3892	0.0110
P-7087	7087	7095	CONDUIT	45.4	1.0104	0.0110
P-7092	7092	7087	CONDUIT	47.2	1.7701	0.0110
P-7091	7091	7092	CONDUIT	82.4	3.5902	0.0110
P-7090	7090	7091	CONDUIT	129.9	5.2498	0.0110
P-7080	7080	7081	CONDUIT	81.0	3.6001	0.0110
P-7086	7086	7087	CONDUIT	83.3	1.0097	0.0110
P-7085	7085	7086	CONDUIT	87.4	0.7711	0.0110
P-7078	7078	7085	CONDUIT	90.5	3.9605	0.0110
P-7081	7081	7078	CONDUIT	81.4	1.4303	0.0110
P-7082	7082	7081	CONDUIT	48.1	3.4498	0.0110
P-7077	7077	7078	CONDUIT	68.4	1.2699	0.0110
P-7076	7076	7077	CONDUIT	106.0	0.4339	0.0110
P-7073	7073	7076	CONDUIT	80.6	0.9486	0.0110
P-7075	7075	7073	CONDUIT	100.6	1.2525	0.0110
P-7074	7074	7073	CONDUIT	18.8	1.0934	0.0110
P-7072	7072	7073	CONDUIT	64.4	0.9316	0.0110
P-7071	7071	7072	CONDUIT	49.2	1.0979	0.0110
P-7070	J118	7071	CONDUIT	78.9	1.3693	0.0110
P-7068	7068	7047	CONDUIT	67.8	1.4618	0.0110
P-7066	7066	7068	CONDUIT	88.4	1.9404	0.0110
P-7067	7067	7066	CONDUIT	79.4	2.4318	0.0110
P-7063	7063	7066	CONDUIT	87.9	0.8706	0.0110
P-7065	7065	7063	CONDUIT	81.7	2.2497	0.0110
P-7062	7062	7063	CONDUIT	37.5	0.9004	0.0110
P-7061	7061	7062	CONDUIT	41.0	0.6002	0.0110
P-7057	7057	7061	CONDUIT	21.8	0.5998	0.0110
P-7060	7060	7057	CONDUIT	49.3	0.9984	0.0110
P-7107A	7107A	7120	CONDUIT	92.9	1.5013	0.0130
P-7056	7056	7057	CONDUIT	32.4	0.7097	0.0110
P-7054	7054	7056	CONDUIT	68.0	0.5895	0.0110
P-7172_2	7121A	7121	CONDUIT	15.7	1.3530	0.0130
P-7055	7055	7054	CONDUIT	81.2	0.8096	0.0110
P-7053	7053	7054	CONDUIT	49.9	0.4512	0.0110
P-7151	7151	7152	CONDUIT	33.3	0.8599	0.0110
P-7150	7150	7151	CONDUIT	67.3	0.8104	0.0110
P-7051	7051	7053	CONDUIT	46.5	0.4494	0.0110
P-7052	7052	7051	CONDUIT	79.4	1.0293	0.0110
P-7050	7050	7051	CONDUIT	43.9	0.4990	0.0110
P-7047	7047	7069	CONDUIT	96.7	4.9891	0.0110
P-17050	17050	17051	CONDUIT	46.9	3.9793	0.0130
P-17133	17133	17132	CONDUIT	79.3	3.7501	0.0130
P-24046	24046	24040	CONDUIT	131.8	2.3514	0.0110
P-50106	50106	50107	CONDUIT	46.2	8.0035	0.0110
C83	53131	J34	CONDUIT	58.8	1.4605	0.0110
P-54018	54018	54060	CONDUIT	95.6	1.0002	0.0100
P-54060	54060	54010	CONDUIT	42.2	1.0034	0.0100
P-54070	54070	54010	CONDUIT	39.0	1.0011	0.0100
P-54075	54075	54070	CONDUIT	281.1	5.0000	0.0300
P-17040	17040	17050	CONDUIT	37.1	4.2997	0.0130
P-17039	17039	17040	CONDUIT	18.6	2.2407	0.0110
P-17038	17038	17039	CONDUIT	60.4	2.2399	0.0110
P-17036	17036	17038	CONDUIT	12.6	2.2520	0.0110
P-17035	17035	17036	CONDUIT	58.2	2.2392	0.0110
P-17026	17026	17035	CONDUIT	10.0	2.0805	0.0110
P-17025	17025	17026	CONDUIT	63.0	3.9590	0.0110
P-17020	17020	17025	CONDUIT	104.6	3.1903	0.0130
P-17022	17022	17020	CONDUIT	53.2	3.9998	0.0130
P-17132	17132	17127	CONDUIT	48.9	0.4703	0.0130
P-17131	17131	17132	CONDUIT	15.3	0.9633	0.0130
P-17130	17130	17131	CONDUIT	51.5	1.0026	0.0130
P-17127	17127	17135A	CONDUIT	48.9	5.5756	0.0110
P-17136	17136	17135A	CONDUIT	79.1	1.7645	0.0130
P-17137	17137	17135A	CONDUIT	164.1	0.9994	0.0130
C60	17	19005	CONDUIT	108.9	0.8262	0.0110
C59	19028	19029	CONDUIT	85.7	0.6720	0.0130
C58	19013	19016	CONDUIT	127.6	5.0723	0.0110
P-24040	24040	24050	CONDUIT	55.0	2.1694	0.0110
P-24030	24030	24040	CONDUIT	88.3	0.3069	0.0110
P-24035	24035	24030	CONDUIT	71.6	2.3401	0.0110
P-24020	24020	24030	CONDUIT	84.3	0.6063	0.0110
P-24026	24026	24020	CONDUIT	111.3	3.6001	0.0110
P-7163	7163	7165	CONDUIT	96.2	1.0609	0.0240
P-7163A	7163	7177A	CONDUIT	90.9	1.5954	0.0110
P-24010	24010	24020	CONDUIT	80.8	1.2017	0.0110

P-24015	24015	24010	CONDUIT	116.8	3.3495	0.0110
P-24002	24002	24010	CONDUIT	87.4	3.8707	0.0110
P-50110	50110	50107	CONDUIT	39.1	1.0018	0.0110
P-50107	50107	50100	CONDUIT	85.6	7.8594	0.0110
P-50115	50115	50100	CONDUIT	51.1	3.0012	0.0110
P-50100	50100	50120	CONDUIT	34.4	4.0032	0.0110
P-50120	50120	50066	CONDUIT	94.7	2.5005	0.0110
P-50066	50066	50150	CONDUIT	46.4	0.9992	0.0130
P-16030	16030	16031	CONDUIT	78.4	1.7992	0.0110
C219	13020	13021	CONDUIT	58.2	3.1201	0.0130
C11	7165	7177	CONDUIT	15.0	4.7052	0.0110
P-7121A_1	7121	7180A	CONDUIT	98.0	1.1733	0.0130
P-53132	53132	53125	CONDUIT	64.4	1.4616	0.0110
P-7180	7180	7183	CONDUIT	30.5	3.2179	0.0130
C82	J34	53132	CONDUIT	53.9	1.8156	0.0110
P-53130	53130	53131	CONDUIT	97.1	1.3205	0.0110
P-53125_1	53125	J32	CONDUIT	94.0	1.0005	0.0110
P-53120	53120	53116	CONDUIT	74.4	0.4837	0.0110
P-53115	53115	53116	CONDUIT	74.2	1.2797	0.0110
P-53097	53097	53090	CONDUIT	73.1	0.6307	0.0110
P-54002	54002	54010	CONDUIT	35.3	0.7020	0.0110
P-54005	54005	54002	CONDUIT	49.9	0.5009	0.0240
P-54001	54001	54002	CONDUIT	98.0	3.9999	0.0240
P-54000	54000	54001	CONDUIT	535.2	1.0000	0.0300
P-24025	24025	24026	CONDUIT	247.1	7.9999	0.0100
C6	7288	7288A	CONDUIT	12.5	0.2396	0.0130
P-53041	53041	53060	CONDUIT	25.0	9.7741	0.0110
P-53066	53066	53061	CONDUIT	23.7	2.0688	0.0110
P-53061	53061	53070	CONDUIT	92.3	0.5202	0.0110
P-53070	53070	53071	CONDUIT	30.7	0.7482	0.0110
P-53071	53071	53080	CONDUIT	31.3	0.8629	0.0110
P-53075	53075	53071	CONDUIT	22.2	3.0645	0.0110
P-53080	J42	53200	CONDUIT	5.0	14.1393	0.1500
P-53200	J38	53081	CONDUIT	15.2	3.0357	0.0110
P-53151	53081	53151	CONDUIT	65.0	1.0308	0.0110
P-53081	J37	53160	CONDUIT	70.0	9.6156	0.1800
P-53160	J36	53161	CONDUIT	45.0	6.2343	0.1800
P-53168	53168	53161	CONDUIT	51.0	0.3726	0.0110
P-53161	J35	53175	CONDUIT	13.9	24.5968	0.0110
P-53175	53175	53185	CONDUIT	67.4	0.5641	0.0110
P-53180	53180	53175	CONDUIT	53.8	0.4835	0.0110
P-53155	53155	53151	CONDUIT	56.1	2.9955	0.0110
P-53150	53150	53151	CONDUIT	37.3	0.4822	0.0110
P-53110	53110	53150	CONDUIT	84.1	1.0706	0.0110
P-53170	53170	53168	CONDUIT	74.8	6.0364	0.0110
P-53167	53167	53168	CONDUIT	26.2	0.4575	0.0110
P-53166	53166	53167	CONDUIT	44.1	0.3630	0.0110
P-53165	53165	53166	CONDUIT	39.9	0.2756	0.0110
P-53310	53310	53165	CONDUIT	56.2	0.7474	0.0110
P-53316	53316	53310	CONDUIT	67.8	0.4422	0.0110
P-53315	53315	53316	CONDUIT	33.2	6.8555	0.0110
P-53320	53320	53316	CONDUIT	37.7	0.6897	0.0110
P-53302	53302	53310	CONDUIT	65.5	5.9061	0.0110
P-53305	53305	53302	CONDUIT	96.5	5.0073	0.0110
P-53301	53301	53302	CONDUIT	92.7	2.7729	0.0110
P-53300	53300	53301	CONDUIT	83.3	4.8419	0.0110
P-53103	53103	53110	CONDUIT	53.8	6.8801	0.0110
P-53102	53102	53103	CONDUIT	35.4	4.9850	0.0110
P-53101	53101	53102	CONDUIT	84.5	2.8407	0.0110
P-53105	53105	53103	CONDUIT	77.3	4.8718	0.0110
P-53136	53136	53110	CONDUIT	112.2	4.3267	0.0110
P-53140	53140	53136	CONDUIT	56.7	0.5645	0.0110
P-53135	J32	53136	CONDUIT	111.4	3.6736	0.0110
P-17021	17021	17022	CONDUIT	55.6	4.7995	0.0130
P-17015	17015	17020	CONDUIT	112.3	0.1300	0.0130
P-17006	17006	17015	CONDUIT	57.0	0.1735	0.0130
P-17002	17002	17006	CONDUIT	55.5	0.1675	0.0130
P-17005	17005	17002	CONDUIT	71.3	3.7268	0.0130
P-17001	17001	17002	CONDUIT	81.6	4.5851	0.0130
P-17000	17000	17001	CONDUIT	114.4	0.8997	0.0130
P-7302	7302	7300	CONDUIT	44.1	4.1138	0.0130
P-7301	7301	7302	CONDUIT	118.2	4.5869	0.0130
P-7268	7268	7267	CONDUIT	128.4	1.6003	0.0110
P-7273	7273	7270	CONDUIT	71.6	5.3504	0.0130
P-7267	7267	7270	CONDUIT	71.7	3.8710	0.0130
P-7265	7265	7267	CONDUIT	91.0	5.9004	0.0130
P-7269	7269	7267	CONDUIT	75.0	0.6916	0.0110
P-7271	7271	7273	CONDUIT	92.9	5.3801	0.0130
P-7272	7272	7271	CONDUIT	61.8	0.5002	0.0130

P-7266	7266	7265	CONDUIT	61.2	1.5993	0.0110
P-7260	7260	7265	CONDUIT	66.2	2.9204	0.0130
P-7261	7261	7260	CONDUIT	21.8	3.0023	0.0130
P-7336	7336	7337	CONDUIT	116.3	1.3193	0.0130
P-7335	7335	7336	CONDUIT	81.1	2.6604	0.0130
P-7340	7340	7338	CONDUIT	71.4	1.5011	0.0130
P-7339	7339	7338	CONDUIT	107.6	1.0007	0.0130
P-7337	7337	7338	CONDUIT	80.8	6.5100	0.0130
P-7338	7338	7341	CONDUIT	92.5	4.6910	0.0130
P-7341	7341	7329	CONDUIT	102.6	3.5406	0.0130
P-7343	7343	7341	CONDUIT	152.3	2.9804	0.0130
P-7342	7342	7343	CONDUIT	87.4	3.3516	0.0110
P-7332	7332	7329	CONDUIT	215.4	3.0007	0.0130
P-7331	7331	7332	CONDUIT	114.0	5.4994	0.0130
P-7330	7330	7331	CONDUIT	109.9	3.5013	0.0130
P-7308	7308	7309	CONDUIT	11.9	1.0034	0.0130
P-7327	7327	7325	CONDUIT	11.9	0.9984	0.0130
P-7326	7326	7327	CONDUIT	25.8	1.0020	0.0130
P-7306	7306	7308	CONDUIT	160.2	5.1955	0.0130
P-7305	7305	7306	CONDUIT	149.2	3.3106	0.0130
P-7300	7300	7305	CONDUIT	17.4	1.1522	0.0130
P-7298	7298	7300	CONDUIT	134.9	1.4795	0.0130
P-7309	7309	7325	CONDUIT	49.9	0.8823	0.0130
P-7323	7323	7309	CONDUIT	73.7	0.9295	0.0130
P-7322	7322	7323	CONDUIT	18.8	4.0650	0.0130
P-7321	7321	7322	CONDUIT	10.2	4.7007	0.0130
P-7320	7320	7321	CONDUIT	91.0	4.7009	0.0130
P-7315	7315	7320	CONDUIT	31.6	1.7613	0.0130
P-7314	7314	7315	CONDUIT	57.9	0.8295	0.0130
P-7313	7313	7314	CONDUIT	22.9	3.1096	0.0130
P-7312	7312	7313	CONDUIT	76.3	5.7014	0.0130
P-7311	7311	7312	CONDUIT	148.8	3.7901	0.0130
P-7310	7310	7311	CONDUIT	32.0	3.5032	0.0110
P-7319	7319	7315	CONDUIT	62.9	9.5907	0.0130
P-7318	7318	7319	CONDUIT	64.7	0.8513	0.0130
P-7317	7317	7318	CONDUIT	58.6	0.3209	0.0130
P-7316	7316	7317	CONDUIT	147.2	1.3212	0.0130
P-7299	7299	7298	CONDUIT	88.7	2.3296	0.0130
P-7295	7295	7298	CONDUIT	40.0	3.9987	0.0130
P-7297	7297	7295	CONDUIT	38.9	0.5041	0.0130
P-7296	7296	7295	CONDUIT	60.8	0.5004	0.0130
P-7294	7294	7295	CONDUIT	38.5	0.5032	0.0130
P-7293	7293	7294	CONDUIT	6.6	0.5167	0.0130
P-7291	7291	7293	CONDUIT	47.0	0.4995	0.0130
P-7292	7292	7291	CONDUIT	18.3	0.4981	0.0130
P-7290	7290	7291	CONDUIT	73.8	0.3308	0.0130
P-7252	7252	7182	CONDUIT	91.4	2.2974	0.0110
P-7251	7250	7252	CONDUIT	100.0	1.6509	0.0130
P-7258	7258	7252	CONDUIT	77.8	0.9994	0.0130
P-7259	7259	7258	CONDUIT	56.8	3.0015	0.0130
P-7256	7256	7258	CONDUIT	9.0	2.0071	0.0130
P-7255	7255	7256	CONDUIT	77.7	1.9999	0.0130
P-7257	7257	7256	CONDUIT	71.7	1.8507	0.0110
P-7247	7247	7250A	CONDUIT	121.3	2.9506	0.0110
P-7230	7230	7250	CONDUIT	80.3	3.0005	0.0130
P-7233	7233	7230	CONDUIT	49.5	1.6982	0.0110
P-7143	7143	7147	CONDUIT	83.6	1.8900	0.0110
P-7145	7145	7146	CONDUIT	31.8	1.3995	0.0110
P-7146	7146	7143	CONDUIT	31.9	1.2003	0.0110
P-7131	7131	7143	CONDUIT	57.8	0.6000	0.0110
P-7142	7142	7131	CONDUIT	48.4	0.4590	0.0110
P-7141	7141	7142	CONDUIT	10.6	0.5000	0.0110
P-7128	7128	7129	CONDUIT	47.4	0.5910	0.0110
P-7129	7129	7131	CONDUIT	14.4	0.4990	0.0110
P-7130	7130	7129	CONDUIT	108.0	1.2400	0.0110
P-7125	7125	7126	CONDUIT	78.7	2.4102	0.0110
P-17065	17065	17066	CONDUIT	126.6	1.0003	0.0110
P-17066	17066	17067	CONDUIT	74.7	0.5504	0.0110
P-17067	17067	17068	CONDUIT	89.9	2.1197	0.0110
P-17068	17068	17069	CONDUIT	87.9	2.8316	0.0110
P-17070	17070	17069	CONDUIT	50.5	0.9003	0.0110
P-17072	17072	17061	CONDUIT	213.7	1.2501	0.0130
P-17071	17071	17072	CONDUIT	42.0	0.8530	0.0110
P-17069	17069	17071	CONDUIT	76.7	2.5001	0.0110
P-17054	17054	17155	CONDUIT	86.2	1.2292	0.0130
P-17087	17087	17095	CONDUIT	84.1	0.9990	0.0110
P-17095	17095	17096	CONDUIT	85.0	0.9996	0.0110
C23	17060	17155	CONDUIT	19.5	0.2047	0.0110
P-17061	17061	17074	CONDUIT	10.0	11.0672	0.0110

P-17074	17074	17090	CONDUIT	106.8	0.8613	0.0110
P-17090	17090	17091	CONDUIT	80.8	2.2539	0.0110
P-17091A	17091A	17092	CONDUIT	20.5	28.4970	0.0130
P-17092	17092	17093	CONDUIT	63.0	2.7403	0.0130
P-17096	17096	17160	CONDUIT	96.7	1.2326	0.0110
P-17160	17160	17161	CONDUIT	123.0	1.0004	0.0110
P-17161	17161	17162	CONDUIT	47.7	14.7046	0.0110
P-17162	17162	17162A	CONDUIT	10.0	0.4000	0.0110
P-17146	17146	17145	CONDUIT	135.8	1.3989	0.0110
P-17142	17142	17140	CONDUIT	39.7	1.2816	0.0110
P-17141	17141	17142	CONDUIT	39.2	2.5008	0.0110
P-17140	17140	17145	CONDUIT	15.6	3.9981	0.0130
P-17145	17145A	17147	CONDUIT	42.5	3.3886	0.0110
P-17147	17147	17060	CONDUIT	69.3	0.9098	0.0110
P-17152	17152	17147	CONDUIT	85.3	0.4396	0.0130
P-17151	17151	17152	CONDUIT	49.0	4.4022	0.0130
P-17150	17150	17151	CONDUIT	59.2	3.2291	0.0110
P-17052	17052	17051	CONDUIT	86.4	0.9995	0.0130
P-17056	17056	17054	CONDUIT	82.3	2.0021	0.0130
C224	17010	17011	CONDUIT	47.0	4.5029	0.0100
P-17055	17055	17056	CONDUIT	67.8	2.0004	0.0110
P-17086	17086	17085	CONDUIT	143.9	0.9593	0.0130
P-17084	17084	17085	CONDUIT	77.6	0.2965	0.0110
P-17083	17083	17084	CONDUIT	58.7	1.3278	0.0110
P-17082	17082	17083	CONDUIT	59.8	4.7681	0.0110
P-17081	17081	17082	CONDUIT	63.3	1.0106	0.0110
P-17080	17080	17081	CONDUIT	16.2	0.9982	0.0110
P-17077	17077	17080	CONDUIT	58.1	1.7013	0.0110
P-17079	17079	17077	CONDUIT	10.0	0.7900	0.0130
P-17076	17076	17077	CONDUIT	83.0	4.2289	0.0110
P-17078	17078	17079	CONDUIT	58.7	3.2100	0.0130
P-17075	17075	17076	CONDUIT	45.5	0.6007	0.0130
P-17047	17047	17040	CONDUIT	42.2	0.5503	0.0130
P-17046	17046	17047	CONDUIT	8.9	1.0787	0.0130
P-17045	17045	17046	CONDUIT	44.7	2.7328	0.0130
P-17041	17041	17040	CONDUIT	22.0	2.0049	0.0110
P-17037	17037	17036	CONDUIT	58.3	0.9990	0.0130
P-17034	17034	17032	CONDUIT	11.1	0.2624	0.0130
P-17033	17033	17034	CONDUIT	129.4	0.5008	0.0130
P-17032	17032	17026	CONDUIT	58.7	0.8285	0.0130
P-17031	17031	17032	CONDUIT	42.1	1.6899	0.0130
P-17030	17030	17031	CONDUIT	92.6	0.7601	0.0130
P-17106	17106	D-13A	CONDUIT	59.3	0.4992	0.0110
P-17105	17105	17106	CONDUIT	144.3	0.5004	0.0110
P-17051	17051	17053	CONDUIT	156.8	1.9927	0.0130
P-7156	7156	7155	CONDUIT	88.2	3.9998	0.0110
P-7148	7148	7155	CONDUIT	103.1	0.9002	0.0110
P-7154	7154	7148	CONDUIT	40.0	1.2504	0.0110
P-7153	7153	7154	CONDUIT	60.0	1.2524	0.0110
P-7152	7152	7153	CONDUIT	72.1	1.2706	0.0110
P-7147	7147	7148	CONDUIT	71.8	2.3694	0.0110
P-7127	7127	7126	CONDUIT	49.4	0.6601	0.0110
P-19006	19006	19013	CONDUIT	103.8	2.0330	0.0110
P-19012	19012	19006	CONDUIT	95.3	0.6015	0.0110
P-19011	19011	19012	CONDUIT	102.2	0.5705	0.0110
P-19010	19010	19011	CONDUIT	59.5	0.5424	0.0110
P-19002	19002	19006	CONDUIT	88.3	1.4722	0.0110
P-19005	19005	19002	CONDUIT	149.2	0.8310	0.0110
P-19001	19001	19002	CONDUIT	99.0	0.6007	0.0110
P-19000	19000	19001	CONDUIT	100.7	0.8112	0.0110
P-17085	17085	17087	CONDUIT	12.7	5.2162	0.0110
P-17128	17128	17127	CONDUIT	105.0	2.5060	0.0130
C62	20016	J15	CONDUIT	10.3	0.7745	0.0110
C57	17110	25005	CONDUIT	73.6	0.5028	0.0110
C67	J19	J18	CONDUIT	114.0	0.9383	0.0110
C66	J18	J17	CONDUIT	87.3	2.9219	0.0110
P-17053A	17053	17088	CONDUIT	15.0	0.1333	0.0110
P-17088	17088	17087	CONDUIT	15.0	2.3340	0.0110
P-17053	17053A	17054	CONDUIT	72.7	1.2374	0.0130
P-17088A	17088	17089	CONDUIT	114.5	1.4494	0.0130
C24	17089	17155	CONDUIT	44.0	1.4333	0.0130
P-17155	17155	17074	CONDUIT	34.6	0.6939	0.0130
P-17101	D-13A	D-13	CONDUIT	8.0	5.5014	0.0110
P-17107	17107	D-13A	CONDUIT	14.3	2.8503	0.0130
C28	D-14	D-13	CONDUIT	145.3	1.6660	0.0110
P-17110	D-13	17125	CONDUIT	132.2	0.7792	0.0110
P-17126	17126	17125	CONDUIT	88.6	0.6323	0.0110
P-17125	17125	17127	CONDUIT	71.7	4.7460	0.0110
P-7157	7157	7155	CONDUIT	86.0	0.9009	0.0110

P-7158	7158	7159	CONDUIT	69.8	0.9695	0.0110
P-7155	7155	7158	CONDUIT	107.8	0.9004	0.0110
P-24006	24006	24002	CONDUIT	59.7	4.6314	0.0110
P-24005	24005	24006	CONDUIT	46.0	7.9030	0.0110
P-24001	24001	24002	CONDUIT	43.5	4.1317	0.0110
P-24000	24000	24001	CONDUIT	102.3	4.0001	0.0110
P-19125A	19125	19126A	CONDUIT	37.4	3.0236	0.0110
P-19130	19130	19131	CONDUIT	82.3	2.5655	0.0130
P-19103	19103	19102	CONDUIT	102.3	0.8409	0.0110
P-19121	19121	19122	CONDUIT	119.7	0.9499	0.0130
P-19031	19031	19035	CONDUIT	12.2	0.9853	0.0110
P-19122	19122	19123	CONDUIT	166.2	0.6799	0.0130
P-19031A	19031	19044	CONDUIT	89.6	0.7698	0.0110
P-19044A	19044	19050	CONDUIT	102.4	1.5114	0.0130
P-19123	19123	19120	CONDUIT	55.5	1.4725	0.0130
P-19044	19044	19036	CONDUIT	13.0	1.9234	0.0110
P-19120	19120	19086	CONDUIT	15.0	3.8773	0.0130
P-19107	19107	19120	CONDUIT	74.8	4.2412	0.0130
P-19094	19094	19107	CONDUIT	127.3	3.5899	0.0130
P-19062	19062	19061	CONDUIT	90.3	1.0006	0.0130
P-19114	19114	19107	CONDUIT	82.1	0.4383	0.0110
P-19112	19112	19114	CONDUIT	56.9	0.4655	0.0110
P-19110	19110	19111	CONDUIT	88.9	0.5289	0.0110
P-19111	19111	19112	CONDUIT	93.2	0.5202	0.0110
P-19113	19113	19112	CONDUIT	71.3	0.5006	0.0130
P-19050	19050	19045	CONDUIT	17.2	0.5985	0.0110
P-19092	19092	19093	CONDUIT	80.0	0.7750	0.0130
P-19091	19091	19092	CONDUIT	75.1	0.5821	0.0130
P-19090	19090	19091	CONDUIT	63.6	0.4997	0.0130
P-19095	19095	19094	CONDUIT	209.3	1.0005	0.0110
P-19093	19093	19094	CONDUIT	91.0	3.2031	0.0130
P-19106	19106	19094	CONDUIT	75.1	1.1138	0.0130
P-19105	19105	19106	CONDUIT	74.6	1.0376	0.0130
P-19023	19023	19055	CONDUIT	60.4	3.7794	0.0130
P-19104	19104	19105	CONDUIT	80.0	0.8788	0.0110
P-19102	19102	19104	CONDUIT	73.7	0.1221	0.0110
P-19070A	19056	19070	CONDUIT	10.0	4.4644	0.0130
P-19023A	19023	19051	CONDUIT	52.1	2.3620	0.0110
P-19101	19101	19102	CONDUIT	83.0	0.1457	0.0110
P-19100	19100	19101	CONDUIT	116.7	0.1328	0.0110
P-19126	19126	11020	CONDUIT	145.3	2.4985	0.0130
P-19125	19125	19126	CONDUIT	36.6	2.4885	0.0130
P-19086	19086	19125	CONDUIT	44.0	1.5460	0.0130
P-19067	19067	19086	CONDUIT	21.1	3.9823	0.0130
P-19115	19115	19067	CONDUIT	73.6	2.9296	0.0110
P-19057	19057	19067	CONDUIT	110.1	0.4997	0.0130
P-19056	19056	19057	CONDUIT	101.7	1.1211	0.0130
P-19070	19070	19085	CONDUIT	101.9	0.6028	0.0130
P-19085	19085	19067	CONDUIT	109.8	0.5008	0.0130
P-19082	19082	19070	CONDUIT	88.9	1.3110	0.0110
P-19075	19075	19076	CONDUIT	88.0	0.9999	0.0130
P-19076	19076	19077	CONDUIT	85.2	1.4009	0.0130
P-19077	19077	19078	CONDUIT	86.7	1.3019	0.0130
P-19078	19078	19082	CONDUIT	76.4	1.2809	0.0110
P-19081	19081	19078	CONDUIT	61.5	1.4218	0.0110
P-19080	19080	19081	CONDUIT	102.7	1.0013	0.0130
P-11020A	11020	16000	CONDUIT	12.3	2.0280	0.0110
P-19052	19052	19053	CONDUIT	19.6	2.2409	0.0110
P-19051	19051	19052	CONDUIT	67.9	2.1664	0.0110
P-19053	19053	19056	CONDUIT	45.3	0.9713	0.0130
P-19055	19055	19053	CONDUIT	76.7	1.1221	0.0130
P-19063	19063	19057	CONDUIT	64.8	2.7818	0.0130
P-19064	19064	19063	CONDUIT	98.3	0.5810	0.0130
P-19066	19066	19063	CONDUIT	49.0	1.2498	0.0110
P-19065	19065	19066	CONDUIT	60.4	1.2520	0.0110
P-19061	19061	19063	CONDUIT	64.6	2.6508	0.0130
P-19060	19060	19061	CONDUIT	53.1	3.8010	0.0130
P-19018	19018	19019	CONDUIT	51.2	0.6488	0.0130
P-19019	19019	19023	CONDUIT	16.6	3.9550	0.0110
P-19022	19022	19019	CONDUIT	17.6	0.5581	0.0110
P-19021	19021	19022	CONDUIT	29.3	0.5637	0.0110
P-19020	19020	19021	CONDUIT	37.6	1.1094	0.0110
P-19045	19045	19023	CONDUIT	59.7	0.4690	0.0110
P-19040	19040	19041	CONDUIT	50.9	1.7301	0.0130
P-19042	19042	19041	CONDUIT	70.7	0.4993	0.0130
P-19041	19041	19043	CONDUIT	43.8	1.7232	0.0130
P-19043	19043	19044	CONDUIT	39.7	1.7190	0.0130
P-19036	19036	19045	CONDUIT	101.9	0.8731	0.0110
P-19035	19035	19036	CONDUIT	89.9	0.9010	0.0110

P-19032	19032	19031	CONDUIT	97.2	2.6099	0.0110
P-19030	19030	19031	CONDUIT	43.0	3.3018	0.0110
P-19027	19027	19030	CONDUIT	191.0	3.0000	0.0110
P-19025	19025	19026	CONDUIT	54.5	1.1275	0.0130
P-19029	19029	19027	CONDUIT	83.8	1.1260	0.0130
P-19026	19026	19027	CONDUIT	59.9	1.1262	0.0130
P-19017	19016	19018	CONDUIT	81.7	2.5051	0.0110
C61	J15	20021	CONDUIT	40.6	1.5519	0.0110
P-7176	7176	7172	CONDUIT	84.0	1.3449	0.0130
P-7175	7175	7176	CONDUIT	71.4	2.9398	0.0130
P-7172_1	7172	7121A	CONDUIT	120.0	1.4317	0.0130
P-7164	7164	7163	CONDUIT	73.4	0.9999	0.0240
P-7161	7161	7163	CONDUIT	96.9	2.2004	0.0110
P-7162	7162	7161	CONDUIT	98.7	2.0199	0.0110
P-7159	7159	7161	CONDUIT	93.1	0.8997	0.0110
P-7160	7160	7159	CONDUIT	68.8	0.8295	0.0110
P-7135	7135	7136	CONDUIT	59.5	1.0009	0.0110
C52	J10	0F1	CONDUIT	24.3	3.7934	0.0130
P-50065	50065	50066	CONDUIT	45.3	1.3009	0.0130
P-50064	50064	50065	CONDUIT	34.6	1.4634	0.0110
P-50063	50063	50064	CONDUIT	52.8	0.7994	0.0130
P-50062	50062	50063	CONDUIT	61.6	2.5016	0.0110
P-50061	50061	50062	CONDUIT	110.5	2.5012	0.0110
P-50060	50060	50061	CONDUIT	41.6	1.0017	0.0110
P-50096	50096	50090	CONDUIT	54.9	4.0003	0.0110
P-50095	50095	50096	CONDUIT	58.6	8.9323	0.0110
P-50072	50072	50090	CONDUIT	109.4	3.5009	0.0110
P-50071	50071	50072	CONDUIT	98.9	3.5999	0.0110
P-50070	50070	50071	CONDUIT	49.0	4.6211	0.0110
P-50085	50085	50072	CONDUIT	64.0	7.3008	0.0110
P-50077	50077	50085	CONDUIT	60.8	6.8713	0.0110
P-50080	50080	50077	CONDUIT	49.7	2.3794	0.0110
P-50076	50076	50077	CONDUIT	54.3	1.5793	0.0110
P-50075	50075	50076	CONDUIT	43.5	2.6307	0.0110
P-50045	50045	50055	CONDUIT	103.4	0.7498	0.0110
P-50055	50055	50041	CONDUIT	88.7	4.2814	0.0110
P-50041	50041	50060	CONDUIT	38.1	1.0021	0.0110
P-50040	50040	50041	CONDUIT	109.2	0.4011	0.0110
P-50031	50031	50040	CONDUIT	93.7	0.4004	0.0110
P-50030	50030	50031	CONDUIT	25.9	0.3980	0.0110
P-50035	50035	50031	CONDUIT	93.6	4.0197	0.0110
P-50050	50050	50045	CONDUIT	130.9	1.1108	0.0110
P-50020	50020	50018	CONDUIT	95.1	1.4000	0.0110
P-50017	50017	50018	CONDUIT	34.2	3.3821	0.0110
P-50016	50016	50017	CONDUIT	60.4	0.4009	0.0110
P-50015	50015	50016	CONDUIT	86.5	0.4000	0.0110
P-50018	50018	50025	CONDUIT	84.2	1.2996	0.0110
P-50025	50025	50026	CONDUIT	105.4	2.7412	0.0110
P-50026	50026	50027	CONDUIT	52.7	3.1000	0.0110
P-50027	50027	50028	CONDUIT	73.9	1.4407	0.0110
P-50028	50028	50011	CONDUIT	88.9	3.8807	0.0110
P-50011	50011	50030	CONDUIT	55.6	0.3902	0.0110
P-50010	50010	50011	CONDUIT	86.3	0.3616	0.0110
P-50001	50001	50010	CONDUIT	86.0	0.4300	0.0110
P-50005	50005	50001	CONDUIT	53.4	4.2795	0.0110
P-50000	50000	50001	CONDUIT	102.8	0.3996	0.0110
P-24057	24057	24050	CONDUIT	99.9	1.2796	0.0110
P-24056	24056	24057	CONDUIT	59.5	1.3804	0.0110
P-24055	24055	24056	CONDUIT	100.0	1.8608	0.0110
P-24050	24050	24060	CONDUIT	140.4	2.0600	0.0110
P-24065	24065	24060	CONDUIT	69.9	4.6889	0.0110
P-24060	24060	24070	CONDUIT	76.1	2.3325	0.0110
P-24075	24075	24070	CONDUIT	104.8	4.2000	0.0130
P-24070	24070	24080	CONDUIT	83.8	1.9990	0.0130
P-24087	24087	24080	CONDUIT	64.7	3.7612	0.0130
P-24086	24086	24087	CONDUIT	38.8	2.2597	0.0130
P-24085	24085	24086	CONDUIT	42.7	0.5625	0.0130
P-24080	24080	24090	CONDUIT	28.3	0.2722	0.0130
P-24090	24090	24091	CONDUIT	84.3	0.6309	0.0130
P-24091	24091	24110	CONDUIT	47.2	0.5300	0.0110
P-24105	24105	24091	CONDUIT	242.6	1.8599	0.0130
P-24095	24095	24105	CONDUIT	140.2	1.0008	0.0130
P-24100	24100	24095	CONDUIT	37.0	0.5023	0.0130
P-24045	24045	24046	CONDUIT	131.9	1.9109	0.0110
P-7167	7167	7168	CONDUIT	109.8	2.1602	0.0240
P-7168	7168	7169	CONDUIT	47.1	0.8390	0.0110
C12	7107	7107A	CONDUIT	10.0	0.3800	0.0130
P-7171	7171	7165	CONDUIT	13.9	1.0036	0.0240
C10	7177A	7177	CONDUIT	15.0	4.1035	0.0110

P-7165	7177	7172	CONDUIT	87.1	2.2216	0.0130
P-7136	7136	7137	CONDUIT	92.0	2.0006	0.0110
P-16032	16032	16028	CONDUIT	51.4	2.4132	0.0110
P-16027	16027	16028	CONDUIT	24.3	0.5761	0.0240
P-16026_1	J173	J174	CONDUIT	31.0	1.1595	0.0240
P-16035	16035	16036	CONDUIT	14.2	1.7584	0.0100
P-16041	16041	16036	CONDUIT	36.5	0.6187	0.0130
P-16040	16040	16041	CONDUIT	110.1	0.4994	0.0130
P-16036	16036	16045	CONDUIT	203.6	4.8426	0.0300
P-51022	51022	51023	CONDUIT	98.0	0.2245	0.0110
P-51021	51021	51022	CONDUIT	93.6	0.2458	0.0110
P-51020	51020	51021	CONDUIT	69.0	0.4057	0.0110
P-51026	51026	51027	CONDUIT	96.4	0.2697	0.0110
P-51025	51025	51026	CONDUIT	60.5	0.3303	0.0110
P-51015	51015	51010	CONDUIT	51.6	0.4905	0.0110
P-51001	51001	51010	CONDUIT	111.6	0.3496	0.0110
P-51035	51035	51041	CONDUIT	112.1	0.5002	0.0110
P-51005	51005	51001	CONDUIT	35.0	1.1302	0.0110
P-51027	51027	51035	CONDUIT	54.9	0.3991	0.0110
P-51035A	51035	51023	CONDUIT	10.0	1.6702	0.0110
P-51030	51030	51027	CONDUIT	50.4	0.4006	0.0110
P-51040	51040	51041	CONDUIT	15.0	0.1067	0.0110
P-51023	51023	51040	CONDUIT	106.1	0.3187	0.0110
P-51010	51010	51020	CONDUIT	10.0	0.6000	0.0100
P-51010A	51010	51025	CONDUIT	35.2	0.8639	0.0110
P-51041	51041	51045	CONDUIT	24.6	0.9984	0.0110
P-50149	50149	50141	CONDUIT	80.1	0.5508	0.0110
P-50148	50148	50149	CONDUIT	116.2	0.6010	0.0110
P-50147	50147	50148	CONDUIT	75.9	4.0003	0.0110
P-50146	50146	50147	CONDUIT	76.2	3.9995	0.0110
P-50141	50141	50150	CONDUIT	61.7	1.8719	0.0110
P-50140	50140	50141	CONDUIT	64.6	0.9999	0.0110
P-50132	50132	50140	CONDUIT	67.3	2.5900	0.0110
P-50135	50135	50132	CONDUIT	100.3	5.0008	0.0110
P-50131	50131	50132	CONDUIT	44.9	1.9995	0.0110
P-50130	50130	50131	CONDUIT	60.5	5.0013	0.0110
P-50105	50105	50106	CONDUIT	67.4	3.9505	0.0110
P-7166	7166	7167	CONDUIT	150.5	1.9900	0.0240
P-7170	7170	7171	CONDUIT	157.9	1.1307	0.0130
P-53096	53096	53097	CONDUIT	89.1	0.7810	0.0110
P-53095	53095	53096	CONDUIT	107.6	0.9998	0.0110
P-53090	53090	53100	CONDUIT	43.5	3.3789	0.0110
P-53089	53089	53090	CONDUIT	98.0	1.0011	0.0110
P-53088	53088	53089	CONDUIT	80.5	0.8004	0.0110
P-53087	53087	53088	CONDUIT	110.0	0.4809	0.0110
P-53086	53086	53087	CONDUIT	36.2	0.5003	0.0110
P-53085	53085	53086	CONDUIT	95.7	1.5001	0.0110
P-53047	53047	53041A	CONDUIT	106.2	0.8191	0.0110
P-53041A	53041A	53041	CONDUIT	46.4	5.7243	0.0110
P-53040	53040	53041A	CONDUIT	118.1	5.5301	0.0110
P-16015A	16015	16020	CONDUIT	17.4	4.8221	0.0240
C215	J166	16023	CONDUIT	48.9	4.0901	0.0240
P-53046	53046	53047	CONDUIT	141.5	3.8188	0.0110
P-53045	53045	53046	CONDUIT	63.3	1.0018	0.0100
P-53030	53030	53040	CONDUIT	38.7	0.5189	0.0110
P-53035	53035	53047	CONDUIT	109.3	5.2932	0.0110
P-53020	53020	53030	CONDUIT	85.8	0.5200	0.0130
P-53025	53025	53020	CONDUIT	118.5	0.5003	0.0130
P-53013	53013	53020	CONDUIT	79.0	0.7309	0.0130
P-53015	53015	53013	CONDUIT	100.2	0.5001	0.0130
P-53012	53012	53013	CONDUIT	84.7	0.4997	0.0130
P-53011	53011	53012	CONDUIT	161.1	0.4999	0.0130
P-53010	53010	53011	CONDUIT	42.5	1.5021	0.0130
C5	53060	53006	CONDUIT	21.1	0.9466	0.0110
P-53004	53004	53005	CONDUIT	17.6	6.7503	0.0110
P-53003	53003	53004	CONDUIT	53.6	2.0008	0.0300
P-53002	53002	53003	CONDUIT	163.8	0.4999	0.0110
P-53001	53001	53002	CONDUIT	110.3	0.6000	0.0110
P-53000	53000	53001	CONDUIT	89.5	0.4000	0.0110
P-11037	11037	11034	CONDUIT	48.8	0.7641	0.0130
P-11036	11036	11037	CONDUIT	47.7	1.0017	0.0130
P-11038	11038	11037	CONDUIT	72.1	0.6215	0.0130
P-11035	11035	11036	CONDUIT	99.3	1.0013	0.0130
P-11011	11011	11012	CONDUIT	25.7	2.4024	0.0110
P-11010	11010	11011	CONDUIT	86.1	1.0009	0.0110
P-11007	11007	11010	CONDUIT	31.4	1.0023	0.0110
P-11003	11003	11007	CONDUIT	49.1	1.0019	0.0110
P-11006	11006	11003	CONDUIT	99.7	0.8003	0.0130
P-11002	11002	11003	CONDUIT	48.5	0.5008	0.0110

P-11005	11005	11006	CONDUIT	40.2	0.5001	0.0110
P-11001	11001	11002	CONDUIT	144.0	0.5001	0.0110
P-11000	11000	11000	CONDUIT	54.5	0.5026	0.0130
P-11017	11017	11015	CONDUIT	178.0	0.5624	0.0130
P-11020	11020	11021	CONDUIT	108.9	2.9384	0.0110
P-11021	11021	11016	CONDUIT	27.7	2.5612	0.0130
P-11015	11015	11025	CONDUIT	28.7	3.7273	0.0130
P-11012	11012	11015	CONDUIT	67.5	1.2055	0.0110
P-11013	11013	11012	CONDUIT	46.1	0.6230	0.0110
P-11031	11031	11032	CONDUIT	79.3	2.0201	0.0130
P-11030	11030	J23	CONDUIT	98.4	1.5700	0.0130
P-11016	11016	11045	CONDUIT	110.3	0.4914	0.0130
P-11025	11025	11026	CONDUIT	154.8	0.8398	0.0130
P-11032	11032	J25	CONDUIT	37.1	2.8926	0.0130
P-11045	11045	11046	CONDUIT	112.1	0.8008	0.0110
P-11026	11026	11033	CONDUIT	38.8	0.7443	0.0130
P-11033	11033	11034	CONDUIT	150.2	4.4363	0.0130
P-11046	11046	11047	CONDUIT	67.8	2.3425	0.0110
P-11047	11047	11048	CONDUIT	54.6	7.5605	0.0110
P-11048	11048	11041	CONDUIT	41.1	4.1613	0.0110
P-11050	11050	11051	CONDUIT	105.4	1.0851	0.0130
C225	17011	17006	CONDUIT	75.3	4.4729	0.0100
P-11051	11051	11041	CONDUIT	63.2	1.6880	0.0130
P-11040	11040	11041	CONDUIT	15.0	1.0001	0.0130
P-11034	11034	11040	CONDUIT	13.5	2.4600	0.0130
P-11041	11041	11055	CONDUIT	39.7	8.5306	0.0110
P-11056	11056	11055	CONDUIT	54.0	0.9510	0.0130
P-11055	11055	11057	CONDUIT	24.7	4.2160	0.0110
C56	J13	J12	CONDUIT	10.0	0.3000	0.0110
C55	11058	J12	CONDUIT	21.6	3.2424	0.0130
P-16023	16023	16018	CONDUIT	12.1	1.3170	0.0240
C214	J165	J166	CONDUIT	62.2	1.4641	0.0240
P-16022	16022	16025	CONDUIT	125.2	2.5978	0.0240
P-16021	16021	J165	CONDUIT	8.7	2.0718	0.0240
P-16008	16008	16009	CONDUIT	25.7	1.0043	0.0110
P-16020	16020	16021	CONDUIT	81.4	0.3438	0.0130
P-16016	16015	16022	CONDUIT	98.6	1.1356	0.0240
P-16001	16001	16015	CONDUIT	354.1	2.0647	0.0300
P-16000	16000	16001	CONDUIT	84.3	2.0759	0.0300
P-16007	16007	16008	CONDUIT	27.9	0.9986	0.0110
P-16006	16006	16007	CONDUIT	43.3	1.9038	0.0110
P-16005	16005	16006	CONDUIT	40.5	1.9249	0.0110
P-16009	16009	16001	CONDUIT	96.6	2.0603	0.0110
P-16011	16011	16009	CONDUIT	54.0	2.6107	0.0110
P-16010	16010	16011	CONDUIT	103.7	5.0000	0.0110
P-16025	16025	16026	CONDUIT	51.7	2.8655	0.0240
P-16031	16031	16032	CONDUIT	87.7	1.9726	0.0110
P-7282	7282	7283	CONDUIT	112.8	3.7999	0.0130
P-7275	7275	7276	CONDUIT	116.4	3.8523	0.0130
P-7182	7182	7275	CONDUIT	72.5	2.1795	0.0130
C223	J172	19080	CONDUIT	58.3	8.0853	0.0100
P-7280	7280	7281	CONDUIT	93.6	2.8760	0.0130
P-7181	7181	7180	CONDUIT	175.2	0.7502	0.0110
P-7137	7137	7138	CONDUIT	52.3	0.4995	0.0110
P-7237	7237	7233	CONDUIT	52.7	0.9000	0.0110
P-7236	7236	7237	CONDUIT	65.5	1.8810	0.0110
P-7235	7235	7236	CONDUIT	36.1	4.9993	0.0110
P-7232	7232	7233	CONDUIT	24.9	1.5040	0.0110
P-7231	7231	7232	CONDUIT	35.0	1.5043	0.0110
P-7229	7229	7230	CONDUIT	96.3	1.8093	0.0130
P-7220	7220	7229	CONDUIT	69.6	1.5203	0.0130
P-7248	7248	7247	CONDUIT	7.7	3.2575	0.0130
P-7246	7246	7247	CONDUIT	54.8	0.9999	0.0110
P-7243	7243	7246	CONDUIT	9.9	2.8136	0.0130
P-7245	7245	7243	CONDUIT	211.7	3.6003	0.0110
P-7242	7242	7243	CONDUIT	81.5	3.0010	0.0110
P-7241	7241	7242	CONDUIT	10.0	1.2801	0.0130
P-7240	7240	7241	CONDUIT	211.8	2.9998	0.0130
P-7227	7227	7228	CONDUIT	111.2	2.7513	0.0130
P-7226	7226	7227	CONDUIT	106.7	6.4995	0.0130
P-7225	7225	7226	CONDUIT	56.0	5.0000	0.0130
P-7228	7228	7220	CONDUIT	10.9	2.0004	0.0130
P-7211	7211	7220	CONDUIT	83.5	1.0016	0.0130
P-7209	7209	7211	CONDUIT	12.4	1.7517	0.0130
P-7210	7210	7209	CONDUIT	91.0	0.4001	0.0110
P-7219	7219	7211	CONDUIT	95.7	1.7494	0.0130
P-7218	7218	7219	CONDUIT	110.3	5.1005	0.0130
P-7217	7217	7218	CONDUIT	116.3	5.0994	0.0130
P-7216	7216	7217	CONDUIT	93.5	3.5003	0.0130

P-7215	7215	7216	CONDUIT	99.3	0.5802	0.0130
P-7208	7208	7207	CONDUIT	101.6	2.2702	0.0110
P-7207	7207	7209	CONDUIT	109.9	1.7491	0.0130
P-7206	7206	7207	CONDUIT	77.8	0.4680	0.0130
P-7205	7205	7206	CONDUIT	35.2	0.5573	0.0130
P-7198	7198	7205	CONDUIT	110.0	2.3301	0.0130
P-7201	7201	7198	CONDUIT	103.1	2.3301	0.0130
P-7202	7202	7201	CONDUIT	41.9	0.4994	0.0130
P-7200	7200	7201	CONDUIT	85.4	2.2872	0.0130
P-7196	7196	7198	CONDUIT	97.8	0.5001	0.0130
P-7197	7197	7196	CONDUIT	114.5	0.4400	0.0130
P-7195	7195	7196	CONDUIT	93.0	0.6001	0.0130
P-7194	7194	7195	CONDUIT	89.6	3.5003	0.0130
P-7192	7192	7194	CONDUIT	104.1	5.4993	0.0130
P-7193	7193	7192	CONDUIT	117.0	1.0002	0.0130
P-7191	7191	7192	CONDUIT	76.1	5.5000	0.0130
P-7190	7190	7191	CONDUIT	107.9	3.7284	0.0130
P-7283	7283	7276	CONDUIT	12.6	11.4138	0.0110
P-7126	7126	7128	CONDUIT	44.3	0.6586	0.0110
P-7140	7140	7141	CONDUIT	78.6	0.5011	0.0110
P-7138	7138	7140	CONDUIT	49.3	0.4987	0.0110
P-7139	7139	7138	CONDUIT	71.1	0.4699	0.0110
P-48004	48004	48010	CONDUIT	93.9	0.9998	0.0110
P-48010	48010	J8	CONDUIT	59.0	2.8518	0.0110
P-48015	48015	J9	CONDUIT	41.6	0.3605	0.0110
P-50090	50090	50100	CONDUIT	94.5	1.9993	0.0110
P-19126A	19126A	11020	CONDUIT	145.7	2.3404	0.0110
P-19131_1	19131	19126A	CONDUIT	121.7	0.5702	0.0130
P-19131_2	19126	19126A	CONDUIT	10.0	0.1000	0.0110
P-19057A	19057	19085	CONDUIT	10.0	0.1000	0.0130
C1	47002	J161	CONDUIT	35.0	4.5723	0.0110
C2	53400	53060	CONDUIT	69.4	2.4791	0.0110
C3	53055	53400	CONDUIT	101.5	3.6386	0.0110
C4	53005	53055	CONDUIT	91.5	1.6283	0.0110
P-53060_1	53060	53401	CONDUIT	15.0	0.7334	0.0110
P-53060_2	53401	53061	CONDUIT	20.3	0.5419	0.0110
C7	7276A	7285	CONDUIT	53.5	4.6601	0.0130
C8	7250A	7260	CONDUIT	76.5	2.9222	0.0130
C9	7346	7270	CONDUIT	149.6	1.5000	0.0130
P-7183_1	7183	7182A	CONDUIT	107.6	2.2352	0.0130
P-7183_2	7182A	7182	CONDUIT	110.4	5.0372	0.0130
P-7121A_2	7180A	7180	CONDUIT	90.7	1.2566	0.0130
P-7169_1	7169	7165A	CONDUIT	32.0	1.0013	0.0240
P-7169_2	7165A	7165	CONDUIT	16.0	1.9379	0.0110
C13	7107B	7107A	CONDUIT	10.0	0.6500	0.0130
C15	7105A	7105	CONDUIT	10.0	0.4200	0.0110
C16	7105B	7107B	CONDUIT	142.0	1.0775	0.0130
C17	7069A	7105B	CONDUIT	54.5	1.2120	0.0130
C18	7069A	7069	CONDUIT	10.0	0.4000	0.0110
C19	17093	OUT17	CONDUIT	12.5	1.0001	0.0110
C20	17162A	OUT17	CONDUIT	10.3	0.8747	0.0130
C21	17161A	17162A	CONDUIT	45.3	1.1695	0.0110
C22	17091	17161A	CONDUIT	42.2	13.6886	0.0110
C25	17050	17082	CONDUIT	14.4	1.9433	0.0110
C26	17145	17145A	CONDUIT	10.0	0.4000	0.0110
C27	17135A	17145A	CONDUIT	97.1	3.4930	0.0110
C29	17100B	17100A	CONDUIT	11.6	0.9966	0.0110
C30	D-16	D-15	CONDUIT	82.4	0.5826	0.0110
C35	D-21	D-20	CONDUIT	94.8	1.6356	0.0110
C36	J1	D-21	CONDUIT	34.2	2.8357	0.0110
C37	J2	J3	CONDUIT	132.0	0.4774	0.0300
C38	J3	OF2	CONDUIT	28.9	1.7996	0.0300
C39	42003	J2	CONDUIT	218.3	0.5726	0.0300
C40	43015	42003	CONDUIT	140.3	0.7129	0.0300
C41	J5	43015	CONDUIT	16.1	1.1202	0.0110
C42	44001	43015	CONDUIT	52.9	0.4724	0.0300
C43	SU1	44001	CONDUIT	55.0	2.4553	0.0300
C44	47025	SU1	CONDUIT	144.2	0.5200	0.0110
C45	OUT17	OF5	CONDUIT	10.0	0.8000	0.0100
C46	47025	J7	CONDUIT	34.2	1.2559	0.0110
C47	J8	47025	CONDUIT	72.6	0.8404	0.0110
C48	J9	J7	CONDUIT	87.1	0.1836	0.0300
C49	J7	46003	CONDUIT	11.9	0.5902	0.0300
C50	46003	44001	CONDUIT	141.5	0.1414	0.0300
C51	50150A	48015	CONDUIT	133.1	0.3307	0.0110
C53	J11	J10	CONDUIT	32.3	1.1776	0.0130
C54	J12	J11	CONDUIT	80.7	1.0289	0.0130
P-11057_1	11057	J14	CONDUIT	125.4	9.1675	0.0130
P-11057_2	J14	11058	CONDUIT	18.5	2.3262	0.0130

P-20005_1	20005	J20	CONDUIT	41.6	0.8019	0.0110
P-20005_2	J21	20006	CONDUIT	127.3	1.6352	0.0130
C71	J22	J24	CONDUIT	42.0	0.2978	0.0110
C72	J24	11026	CONDUIT	58.8	3.8296	0.0130
C73	J25	J24	CONDUIT	7.1	1.0365	0.0110
P-7037_1	7037	7038	CONDUIT	72.4	0.5398	0.0110
C74	11015	11016	CONDUIT	7.2	6.8597	0.0110
C76	J26	J27	CONDUIT	104.4	2.4040	0.0110
C77	J28	J26	CONDUIT	104.5	4.3106	0.0110
C78	J29	J28	CONDUIT	94.7	6.1548	0.0110
C79	53185	J29	CONDUIT	130.4	2.3632	0.0110
C80	J30	53102	CONDUIT	114.6	2.6189	0.0110
P-53116_1	53116	J31	CONDUIT	44.4	1.3070	0.0110
P-53116_2	J31	53125	CONDUIT	60.2	3.6717	0.0110
C81	J33	J32	CONDUIT	35.4	1.1294	0.0110
C84	J39	J38	CONDUIT	46.3	2.2233	0.0110
C85	J40	J39	CONDUIT	15.8	5.7801	0.0110
C86	53200	J41	CONDUIT	6.0	0.1667	0.0110
C87	53200	J41	CONDUIT	8.0	0.1250	0.0110
C88	J43	53066	CONDUIT	43.2	1.1567	0.0110
C89	J44	J43	CONDUIT	79.1	0.7335	0.0110
C90	J45	J43	CONDUIT	109.5	3.4551	0.0110
C91	53100	J44	CONDUIT	66.3	1.9618	0.0110
C92	J46	J48	CONDUIT	34.0	3.4980	0.0110
C93	J48	J47	CONDUIT	15.0	0.9334	0.0110
C94	J47	J49	CONDUIT	20.2	2.2018	0.0110
C95	SU2	J48	CONDUIT	21.9	4.4376	0.0110
C96	SU2	J48	CONDUIT	23.5	7.8244	0.0110
C97	J50	SU2	CONDUIT	15.0	1.5335	0.0110
C98	J51	J50	CONDUIT	34.2	8.6234	0.0110
C99	J52	J51	CONDUIT	21.1	1.4707	0.0100
C100	J53	J52	CONDUIT	81.6	6.4372	0.0110
C101	J54	J52	CONDUIT	80.8	2.8240	0.0110
C102	J56	J54	CONDUIT	29.9	4.0220	0.0110
C103	J55	J54	CONDUIT	82.2	6.2179	0.0110
C104	J57	0F3	CONDUIT	15.0	3.0681	0.0110
C105	J58	J57	CONDUIT	78.7	3.4464	0.0100
C106	J59	SU3	CONDUIT	12.5	0.6400	0.0110
C107	J60	J59	CONDUIT	28.0	2.6409	0.0110
C108	J62	J60	CONDUIT	37.5	1.8388	0.0110
C109	J63	J62	CONDUIT	37.2	2.3899	0.0110
C110	J61	J60	CONDUIT	57.2	3.0089	0.0100
C111	J64	J63	CONDUIT	83.4	2.9283	0.0110
C112	J66	J65	CONDUIT	108.7	1.8312	0.0110
C113	J65	SU3	CONDUIT	23.6	15.6105	0.0100
C114	J67	J63	CONDUIT	80.4	1.6290	0.0110
C115	J69	J67	CONDUIT	36.4	0.6592	0.0110
C116	J70	J69	CONDUIT	58.1	0.5677	0.0110
C117	J71	J70	CONDUIT	45.0	0.3780	0.0110
C118	J68	J67	CONDUIT	51.3	1.0722	0.0110
C119	J72	J71	CONDUIT	67.4	0.6527	0.0110
C120	J73	J71	CONDUIT	51.5	0.5437	0.0110
C121	J77	J46	CONDUIT	58.6	4.1353	0.0110
C122	J78	J77	CONDUIT	63.8	5.4338	0.0110
C123	J79	SU4	CONDUIT	8.0	10.6855	0.0110
C124	J80	J79	CONDUIT	40.4	1.3371	0.0110
C125	J81	J80	CONDUIT	85.7	3.4108	0.0110
C126	J82	J81	CONDUIT	59.7	4.2563	0.0110
C127	J74	J83	CONDUIT	78.1	0.6274	0.0110
C128	J83	SU4	CONDUIT	85.3	7.8553	0.0300
C129	J75	J74	CONDUIT	52.8	1.3632	0.0110
C130	J76	J75	CONDUIT	144.6	2.1931	0.0110
C131	J84	J75	CONDUIT	90.8	4.2232	0.0110
C132	J85	J84	CONDUIT	123.0	0.2521	0.0110
C133	J86	J87	CONDUIT	69.5	0.5472	0.0110
C134	J87	J88	CONDUIT	63.4	0.5917	0.0110
C135	J88	J89	CONDUIT	88.0	0.5287	0.0110
C136	J90	J89	CONDUIT	36.8	1.3052	0.0110
C137	J89	J91	CONDUIT	35.7	0.2803	0.0110
C138	J92	J80	CONDUIT	79.6	6.3341	0.0110
C139	J93	7030	CONDUIT	10.0	0.5000	0.0130
C140	7036	J93	CONDUIT	27.4	0.4019	0.0100
C141	J95	7036	CONDUIT	151.2	0.4829	0.0130
C142	J96	J95	CONDUIT	99.5	0.5125	0.0110
C143	J97	J95	CONDUIT	71.0	0.4225	0.0110
C144	SU4	J100	CONDUIT	15.0	0.4667	0.0110
C145	J101	J91	CONDUIT	73.0	0.6165	0.0110
C146	J102	J82	CONDUIT	85.4	1.4521	0.0110
C147	J102	J103	CONDUIT	36.9	0.5420	0.0110

C148	J104	J103	CONDUIT	53.4	2.0803	0.0110
C149	J105	J104	CONDUIT	64.0	1.0931	0.0110
C150	J91	J104	CONDUIT	118.6	1.4338	0.0110
C151	J103	J65	CONDUIT	45.7	2.0591	0.0110
C152	SU3	J106	CONDUIT	7.4	2.4364	0.0110
C153	J98	J97	CONDUIT	81.6	0.3554	0.0110
C154	J98	J99	CONDUIT	80.9	0.5440	0.0110
C155	J107	J97	CONDUIT	100.5	0.5074	0.0110
C156	J108	J98	CONDUIT	100.2	0.5189	0.0110
C157	J109	J99	CONDUIT	93.2	0.7513	0.0110
C158	J99	J110	CONDUIT	56.8	1.0217	0.0110
C159	J110	7025	CONDUIT	19.6	2.9493	0.0110
C160	J111	J112	CONDUIT	28.2	0.7813	0.0110
C161	J113	J112	CONDUIT	123.1	0.2031	0.0110
C162	J114	J113	CONDUIT	71.6	0.4327	0.0110
C163	J115	J113	CONDUIT	107.0	0.4391	0.0110
C164	J117	J116	CONDUIT	70.2	0.5414	0.0110
C165	J116	J115	CONDUIT	87.7	0.4673	0.0110
C166	J119	J118	CONDUIT	83.3	0.6364	0.0110
C167	J120	J119	CONDUIT	75.3	0.4382	0.0110
C168	J122	J121	CONDUIT	86.9	7.7661	0.0110
C169	J123	J124	CONDUIT	105.6	0.8804	0.0110
C170	J125	J121	CONDUIT	106.9	0.5241	0.0110
C171	J126	J125	CONDUIT	97.8	1.0127	0.0110
C172	J127	J126	CONDUIT	92.5	3.3904	0.0110
C173	J124	J127	CONDUIT	92.0	0.9839	0.0110
C174	J128	J124	CONDUIT	54.1	0.6286	0.0110
C175	J129	J115	CONDUIT	67.6	0.7695	0.0110
C176	J130	J129	CONDUIT	124.3	1.5690	0.0110
C177	J131	J130	CONDUIT	78.1	0.5761	0.0110
C178	J122	J131	CONDUIT	73.5	0.5985	0.0100
C179	J132	J130	CONDUIT	62.5	0.5283	0.0100
C180	J134	7082	CONDUIT	38.8	1.0235	0.0110
C181	J133	J134	CONDUIT	88.6	0.1806	0.0110
C180_1	J132	J135	CONDUIT	58.3	5.8515	0.0110
C180_2	J135	J133	CONDUIT	33.1	0.9506	0.0110
C182	J133	J136	CONDUIT	39.5	0.3040	0.0110
C183	J136	J137	CONDUIT	27.1	8.5305	0.0110
C184	J138	J139	CONDUIT	12.6	0.9524	0.0110
C185	J140	J134	CONDUIT	102.3	4.8556	0.0110
C186	J141	J129	CONDUIT	67.3	0.7873	0.0110
C187	J141	J142	CONDUIT	58.5	1.2653	0.0110
C188	J143	J142	CONDUIT	130.5	0.5366	0.0110
C189	J142	J144	CONDUIT	86.9	0.8287	0.0110
C190	J146	J145	CONDUIT	16.6	0.6635	0.0110
C191	J147	J145	CONDUIT	54.7	3.0453	0.0110
C192	J145	SU5	CONDUIT	44.0	6.2093	0.0100
C193	J148	J147	CONDUIT	83.5	4.6970	0.0110
C194	J149	J144	CONDUIT	48.7	1.5184	0.0110
C195	J144	J148	CONDUIT	87.0	1.3330	0.0110
C196	J150	J146	CONDUIT	66.0	3.8496	0.0110
C197	J121	J150	CONDUIT	46.2	4.1802	0.0110
C198	SU5	J152	CONDUIT	22.3	0.3587	0.0110
C199	J151	OF4	CONDUIT	37.2	3.9278	0.0110
P-48001_1	48001	48002	CONDUIT	57.5	0.3043	0.0110
P-48001_2	48002	48003	CONDUIT	61.3	0.3669	0.0110
C201	J154	J153	CONDUIT	71.8	1.8251	0.0110
C202	J155	J154	CONDUIT	71.2	0.6318	0.0110
C203	J156	J155	CONDUIT	52.7	0.7022	0.0110
C204	J156	J157	CONDUIT	38.5	1.0907	0.0110
C205	J157	J158	CONDUIT	83.8	4.4550	0.0110
C206	J160	J158	CONDUIT	101.7	4.3601	0.0110
C207	J158	47002	CONDUIT	68.9	3.5997	0.0110
C208	J161	47003	CONDUIT	96.8	3.1420	0.0100
C210	J162	49002	CONDUIT	99.9	1.6414	0.0110
C211	J163	J164	CONDUIT	77.0	0.9216	0.0110
C212	J164	J138	CONDUIT	104.1	0.8456	0.0110
C213	J139	7077	CONDUIT	96.6	1.6352	0.0110
C216	J159	J157	CONDUIT	107.7	1.2535	0.0110
C217	J167	J159	CONDUIT	51.8	0.9662	0.0110
C218	16018	16026	CONDUIT	52.4	2.8283	0.0240
P-16028_1	16028	J168	CONDUIT	23.3	1.5023	0.0240
P-16028_2	J168	16035	CONDUIT	80.6	3.8595	0.0100
P-16026_2	J169	16027	CONDUIT	23.3	0.1720	0.0240
C220	13021	13015	CONDUIT	81.5	0.5617	0.0130
C221	20025	20022	CONDUIT	68.0	4.4154	0.0100
C222	J170	J110	CONDUIT	155.7	0.5008	0.0110
P-7281_1	7281	J171	CONDUIT	130.3	4.4702	0.0130
P-7281_2	J171	7282	CONDUIT	71.9	3.2911	0.0130

C226	17016	17015	CONDUIT	52.2	4.5042	0.0100
P-16026_3	16026	J173	CONDUIT	13.5	13.5398	0.0240
P-16026_5	J174	J169	CONDUIT	17.0	0.1763	0.0240
C227	54010	OF6	CONDUIT	8.2	12.3021	0.0100
C228_1	J112	J175	CONDUIT	128.5	0.2024	0.0110
C228_2	J175	OF7	CONDUIT	8.6	0.2331	0.0110
C229	53081	OF8	CONDUIT	60.0	7.5199	0.0100
C228	50018	50045	CONDUIT	124.4	5.5265	0.0110
Q-24040	24040	24095	CONDUIT	81.2	2.7189	0.0100
P-47003	47003	48005	CONDUIT	6.3	0.2362	0.0100
OR1	J4	J1	ORIFICE			
OR2	J4	J1	ORIFICE			
HIGHWOOD-STAGE1	50150	50150A	ORIFICE			
HIGHWOOD-STAGE2	50150	50150A	ORIFICE			
FORESTER-SLATER-ORIFICE1J106		J58	ORIFICE			
OR3	J100	J78	ORIFICE			
OR4	J137	J138	ORIFICE			
LANCASTER_POND_ORIFICE1J152		J151	ORIFICE			
HIGHWOOD-STAGE3	50150	50150A	ORIFICE			
W1	J3	J4	WEIR			
W2	J6	J5	WEIR			
W3	SU1	J6	WEIR			
BECKTON_PONDA_WEIR_153161		J35	WEIR			
BECKTON_PONDA_WEIR_253161		J35	WEIR			
BECKTON_PONDB_WEIR_253160		J36	WEIR			
BECKTON_PONDC_WEIR153081		J37	WEIR			
BECKTON_PONDB_WEIR_153160		J36	WEIR			
BECKTON_PONDC_WEIR253081		J37	WEIR			
BECKTON_PONDD_WEIR1J41		J40	WEIR			
BECKTON_PONDD_WEIR2J41		J40	WEIR			
BECKTON_PONDE_WEIR153080		J42	WEIR			
BECKTON_PONDE_WEIR253080		J42	WEIR			
FORESTER-SLATER_WEIR2J106		J58	WEIR			
SILVERSHORES_POND1_WEIR2J100		J78	WEIR			
LANCASTER_POND_WEIR2J152		J151	WEIR			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
P-10002	CIRCULAR	0.30	0.07	0.07	0.30	1	114.48
P-10003	CIRCULAR	0.38	0.11	0.09	0.38	1	138.19
P-10005	CIRCULAR	0.15	0.02	0.04	0.15	1	11.61
P-10007	CIRCULAR	0.25	0.05	0.06	0.25	1	56.72
P-10006	CIRCULAR	0.25	0.05	0.06	0.25	1	42.51
P-10004	CIRCULAR	0.30	0.07	0.07	0.30	1	165.83
P-10015	CIRCULAR	0.20	0.03	0.05	0.20	1	40.17
P-10016	CIRCULAR	0.25	0.05	0.06	0.25	1	107.25
P-10017	CIRCULAR	0.25	0.05	0.06	0.25	1	71.17
P-10010	CIRCULAR	0.38	0.11	0.09	0.38	1	313.66
P-10018	CIRCULAR	0.38	0.11	0.09	0.38	1	313.79
P-10019	CIRCULAR	0.38	0.11	0.09	0.38	1	228.96
P-10027	CIRCULAR	0.40	0.13	0.10	0.40	1	208.37
P-10026	CIRCULAR	0.20	0.03	0.05	0.20	1	38.70
P-10022	CIRCULAR	0.25	0.05	0.06	0.25	1	71.63
P-10023	CIRCULAR	0.25	0.05	0.06	0.25	1	77.53
P-10021	CIRCULAR	0.25	0.05	0.06	0.25	1	77.54
P-10020	CIRCULAR	0.20	0.03	0.05	0.20	1	56.81
P-10025	CIRCULAR	0.40	0.13	0.10	0.40	1	425.87
P-10030	CIRCULAR	0.40	0.13	0.10	0.40	1	425.85
P-10032	CIRCULAR	0.30	0.07	0.07	0.30	1	114.83
P-10031	CIRCULAR	0.53	0.22	0.13	0.53	1	929.62
P-10033	CIRCULAR	0.53	0.22	0.13	0.53	1	419.14
P-10034	CIRCULAR	0.60	0.28	0.15	0.60	1	524.89
P-10040	CIRCULAR	0.60	0.28	0.15	0.60	1	602.17
P-10041	CIRCULAR	0.45	0.16	0.11	0.45	1	953.10
C70	CIRCULAR	0.30	0.07	0.07	0.30	1	161.34
P-10045	CIRCULAR	0.45	0.16	0.11	0.45	1	753.51
P-10053	CIRCULAR	0.45	0.16	0.11	0.45	1	808.96
P-10055	CIRCULAR	0.20	0.03	0.05	0.20	1	22.60
P-10056	CIRCULAR	0.20	0.03	0.05	0.20	1	46.85
P-10057	CIRCULAR	0.45	0.16	0.11	0.45	1	712.99
P-10035	CIRCULAR	0.20	0.03	0.05	0.20	1	42.66
P-10037	CIRCULAR	0.20	0.03	0.05	0.20	1	26.97
P-10036	CIRCULAR	0.20	0.03	0.05	0.20	1	38.87
P-10038	CIRCULAR	0.20	0.03	0.05	0.20	1	85.28

P-10039	CIRCULAR	0.20	0.03	0.05	0.20	1	91.24
P-10052	CIRCULAR	0.30	0.07	0.07	0.30	1	57.45
P-10050	CIRCULAR	0.30	0.07	0.07	0.30	1	214.99
P-10051	CIRCULAR	0.30	0.07	0.07	0.30	1	164.67
P-10042	CIRCULAR	0.20	0.03	0.05	0.20	1	46.39
C69	CIRCULAR	0.45	0.16	0.11	0.45	1	633.11
P-12000	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-12001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.79
P-12002	CIRCULAR	0.20	0.03	0.05	0.20	1	32.90
P-12005	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-13000	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-13001	CIRCULAR	0.20	0.03	0.05	0.20	1	25.42
P-13002	CIRCULAR	0.25	0.05	0.06	0.25	1	59.47
P-13003	CIRCULAR	0.25	0.05	0.06	0.25	1	109.28
P-13004	CIRCULAR	0.25	0.05	0.06	0.25	1	173.39
P-13010	CIRCULAR	0.25	0.05	0.06	0.25	1	170.30
P-13011	CIRCULAR	0.20	0.03	0.05	0.20	1	32.82
P-13015	CIRCULAR	0.25	0.05	0.06	0.25	1	170.29
P-13025	CIRCULAR	0.25	0.05	0.06	0.25	1	156.78
P-13005	CIRCULAR	0.30	0.07	0.07	0.30	1	135.88
P-14000	CIRCULAR	0.20	0.03	0.05	0.20	1	39.52
P-14001	CIRCULAR	0.20	0.03	0.05	0.20	1	30.93
P-14002	CIRCULAR	0.20	0.03	0.05	0.20	1	59.59
P-14003	CIRCULAR	0.20	0.03	0.05	0.20	1	139.93
P-14004	CIRCULAR	0.20	0.03	0.05	0.20	1	34.26
P-15005	CIRCULAR	0.25	0.05	0.06	0.25	1	42.03
P-15000	CIRCULAR	0.20	0.03	0.05	0.20	1	23.24
P-15001	CIRCULAR	0.25	0.05	0.06	0.25	1	59.53
P-18000	CIRCULAR	0.15	0.02	0.04	0.15	1	23.19
P-18005	CIRCULAR	0.20	0.03	0.05	0.20	1	32.16
P-18001	CIRCULAR	0.20	0.03	0.05	0.20	1	79.89
P-18010	CIRCULAR	0.20	0.03	0.05	0.20	1	79.91
P-18011	CIRCULAR	0.20	0.03	0.05	0.20	1	73.84
P-20000	CIRCULAR	0.15	0.02	0.04	0.15	1	15.35
P-20001	CIRCULAR	0.20	0.03	0.05	0.20	1	73.85
P-20002	CIRCULAR	0.20	0.03	0.05	0.20	1	52.89
C68	CIRCULAR	0.20	0.03	0.05	0.20	1	95.06
P-20006	CIRCULAR	0.20	0.03	0.05	0.20	1	56.34
P-20003	CIRCULAR	0.30	0.07	0.07	0.30	1	193.86
P-20011	CIRCULAR	0.25	0.05	0.06	0.25	1	84.11
P-20012	CIRCULAR	0.25	0.05	0.06	0.25	1	99.57
P-20013	CIRCULAR	0.25	0.05	0.06	0.25	1	50.84
P-20010	CIRCULAR	0.38	0.11	0.09	0.38	1	260.88
P-20015	CIRCULAR	0.15	0.02	0.04	0.15	1	25.36
C63	CIRCULAR	0.45	0.16	0.11	0.45	1	317.86
C64	CIRCULAR	0.25	0.05	0.06	0.25	1	48.93
C65	CIRCULAR	0.30	0.07	0.07	0.30	1	118.28
P-20021	CIRCULAR	0.38	0.11	0.09	0.38	1	482.27
P-20020	CIRCULAR	0.35	0.10	0.09	0.35	1	327.66
P-20022	CIRCULAR	0.35	0.10	0.09	0.35	1	242.08
P-20030	CIRCULAR	0.35	0.10	0.09	0.35	1	277.10
P-20035	CIRCULAR	0.30	0.07	0.07	0.30	1	168.16
P-20040	CIRCULAR	0.30	0.07	0.07	0.30	1	146.98
P-10001	CIRCULAR	0.20	0.03	0.05	0.20	1	47.55
P-10000	CIRCULAR	0.20	0.03	0.05	0.20	1	54.89
P-9005	CIRCULAR	0.20	0.03	0.05	0.20	1	40.21
P-9010	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-9001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.80
P-9000	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-8016	CIRCULAR	0.20	0.03	0.05	0.20	1	40.14
P-8015	CIRCULAR	0.20	0.03	0.05	0.20	1	73.34
P-8020	CIRCULAR	0.20	0.03	0.05	0.20	1	68.58
P-8011	CIRCULAR	0.20	0.03	0.05	0.20	1	68.57
P-8010	CIRCULAR	0.20	0.03	0.05	0.20	1	40.17
P-8002	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-8000	CIRCULAR	0.15	0.02	0.04	0.15	1	34.06
P-8001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.98
P-8006	CIRCULAR	0.20	0.03	0.05	0.20	1	32.79
P-8005	CIRCULAR	0.20	0.03	0.05	0.20	1	32.77
P-6002	CIRCULAR	0.30	0.07	0.07	0.30	1	342.65
P-6001	CIRCULAR	0.20	0.03	0.05	0.20	1	61.99
P-6000	CIRCULAR	0.20	0.03	0.05	0.20	1	74.32
P-7006	CIRCULAR	0.20	0.03	0.05	0.20	1	59.08
P-7003	CIRCULAR	0.20	0.03	0.05	0.20	1	59.14
P-7005	CIRCULAR	0.15	0.02	0.04	0.15	1	31.25
P-5011	CIRCULAR	0.20	0.03	0.05	0.20	1	62.83
P-5010	CIRCULAR	0.15	0.02	0.04	0.15	1	31.10
P-5012	CIRCULAR	0.20	0.03	0.05	0.20	1	76.94
P-5030	CIRCULAR	0.15	0.02	0.04	0.15	1	32.91

P-5016	CIRCULAR	0.20	0.03	0.05	0.20	1	64.78
P-5015	CIRCULAR	0.15	0.02	0.04	0.15	1	34.90
P-5021	CIRCULAR	0.20	0.03	0.05	0.20	1	63.52
P-5020	CIRCULAR	0.15	0.02	0.04	0.15	1	34.64
P-5013	CIRCULAR	0.30	0.07	0.07	0.30	1	96.61
P-5031	CIRCULAR	0.15	0.02	0.04	0.15	1	23.25
P-5017	CIRCULAR	0.30	0.07	0.07	0.30	1	96.80
P-5026	CIRCULAR	0.20	0.03	0.05	0.20	1	59.85
P-5025	CIRCULAR	0.20	0.03	0.05	0.20	1	72.09
P-5022	CIRCULAR	0.30	0.07	0.07	0.30	1	153.14
P-5032	CIRCULAR	0.45	0.16	0.11	0.45	1	627.31
P-5027	CIRCULAR	0.30	0.07	0.07	0.30	1	197.58
P-5006	CIRCULAR	0.30	0.07	0.07	0.30	1	96.92
P-5005	CIRCULAR	0.30	0.07	0.07	0.30	1	208.99
P-5003	CIRCULAR	0.25	0.05	0.06	0.25	1	104.38
P-5002	CIRCULAR	0.20	0.03	0.05	0.20	1	57.58
P-5001	CIRCULAR	0.20	0.03	0.05	0.20	1	57.57
P-5000	CIRCULAR	0.20	0.03	0.05	0.20	1	65.61
P-4000	CIRCULAR	0.15	0.02	0.04	0.15	1	15.23
P-3000	CIRCULAR	0.15	0.02	0.04	0.15	1	39.60
P-3001	CIRCULAR	0.15	0.02	0.04	0.15	1	60.92
P-2000	CIRCULAR	0.20	0.03	0.05	0.20	1	23.15
P-2001	CIRCULAR	0.25	0.05	0.06	0.25	1	139.48
P-1000	CIRCULAR	0.25	0.05	0.06	0.25	1	132.99
P-2002	CIRCULAR	0.30	0.07	0.07	0.30	1	432.48
P-1001	CIRCULAR	0.30	0.07	0.07	0.30	1	458.71
P-54017	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	5543.60
P-54016	CIRCULAR	0.60	0.28	0.15	0.60	1	564.22
P-54015	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	5536.71
P-52001	CIRCULAR	0.30	0.07	0.07	0.30	1	51.41
P-48002	BASIC_DITCH2	0.50	0.80	0.28	2.60	1	6991.51
P-49002	CIRCULAR	0.30	0.07	0.07	0.30	1	153.43
C209	CIRCULAR	0.25	0.05	0.06	0.25	1	66.25
P-49000	CIRCULAR	0.20	0.03	0.05	0.20	1	30.19
C200	CIRCULAR	0.25	0.05	0.06	0.25	1	102.72
P-48000	CIRCULAR	0.45	0.16	0.11	0.45	1	154.41
P-48005	TRAPEZOIDAL	0.50	0.75	0.31	2.00	1	2432.76
P-47015	CIRCULAR	0.20	0.03	0.05	0.20	1	38.74
P-47011	CIRCULAR	0.38	0.11	0.09	0.38	1	102.40
P-47016	CIRCULAR	0.20	0.03	0.05	0.20	1	38.88
P-47020	CIRCULAR	0.20	0.03	0.05	0.20	1	38.81
P-47010	CIRCULAR	0.30	0.07	0.07	0.30	1	114.40
P-47004	CIRCULAR	0.25	0.05	0.06	0.25	1	70.29
P-47006	CIRCULAR	0.20	0.03	0.05	0.20	1	42.66
P-47005	CIRCULAR	0.20	0.03	0.05	0.20	1	38.78
P-47001	CIRCULAR	0.20	0.03	0.05	0.20	1	85.19
P-47000	CIRCULAR	0.20	0.03	0.05	0.20	1	29.00
P-46002	CIRCULAR	0.25	0.05	0.06	0.25	1	132.35
P-46001	CIRCULAR	0.25	0.05	0.06	0.25	1	67.83
P-46000	CIRCULAR	0.20	0.03	0.05	0.20	1	75.56
P-45002	CIRCULAR	0.30	0.07	0.07	0.30	1	196.59
P-45005	CIRCULAR	0.30	0.07	0.07	0.30	1	105.28
P-45001	CIRCULAR	0.20	0.03	0.05	0.20	1	30.17
P-45000	CIRCULAR	0.20	0.03	0.05	0.20	1	30.15
P-44000	CIRCULAR	0.20	0.03	0.05	0.20	1	78.29
P-43001	CIRCULAR	0.30	0.07	0.07	0.30	1	201.28
P-43005	CIRCULAR	0.20	0.03	0.05	0.20	1	64.19
P-43010	CIRCULAR	0.20	0.03	0.05	0.20	1	84.27
P-43000	CIRCULAR	0.25	0.05	0.06	0.25	1	83.51
P-42002	CIRCULAR	0.25	0.05	0.06	0.25	1	182.33
P-42001	CIRCULAR	0.25	0.05	0.06	0.25	1	41.54
P-42000	CIRCULAR	0.20	0.03	0.05	0.20	1	26.02
P-41002	CIRCULAR	0.15	0.02	0.04	0.15	1	12.18
P-41001	CIRCULAR	0.15	0.02	0.04	0.15	1	15.61
P-41000	CIRCULAR	0.15	0.02	0.04	0.15	1	15.23
P-40010	CIRCULAR	0.25	0.05	0.06	0.25	1	156.33
P-40017	CIRCULAR	0.25	0.05	0.06	0.25	1	103.00
P-40016	CIRCULAR	0.20	0.03	0.05	0.20	1	68.02
P-40015	CIRCULAR	0.20	0.03	0.05	0.20	1	78.31
P-40003	CIRCULAR	0.25	0.05	0.06	0.25	1	59.51
P-40005	CIRCULAR	0.20	0.03	0.05	0.20	1	23.23
P-40002	CIRCULAR	0.25	0.05	0.06	0.25	1	127.14
P-40001	CIRCULAR	0.20	0.03	0.05	0.20	1	74.59
P-40000	CIRCULAR	0.20	0.03	0.05	0.20	1	36.37
P-39061	CIRCULAR	0.25	0.05	0.06	0.25	1	42.07
P-39060	CIRCULAR	0.25	0.05	0.06	0.25	1	118.94
P-39045	CIRCULAR	0.40	0.13	0.10	0.40	1	147.24
P-39036	CIRCULAR	0.40	0.13	0.10	0.40	1	208.29
P-39035	CIRCULAR	0.20	0.03	0.05	0.20	1	23.24

P-39040	CIRCULAR	0.20	0.03	0.05	0.20	1	32.83
P-39050	CIRCULAR	0.45	0.16	0.11	0.45	1	391.73
P-39009	CIRCULAR	0.38	0.11	0.09	0.38	1	423.37
P-39025	CIRCULAR	0.20	0.03	0.05	0.20	1	40.50
P-39030	CIRCULAR	0.30	0.07	0.07	0.30	1	300.31
P-39021	CIRCULAR	0.20	0.03	0.05	0.20	1	77.34
P-39020	CIRCULAR	0.20	0.03	0.05	0.20	1	51.17
P-39011	CIRCULAR	0.20	0.03	0.05	0.20	1	42.65
P-39015	CIRCULAR	0.20	0.03	0.05	0.20	1	30.18
P-39010	CIRCULAR	0.20	0.03	0.05	0.20	1	52.22
P-39008	CIRCULAR	0.30	0.07	0.07	0.30	1	102.23
P-39007	CIRCULAR	0.25	0.05	0.06	0.25	1	133.92
P-39006	CIRCULAR	0.25	0.05	0.06	0.25	1	222.34
P-39005	CIRCULAR	0.25	0.05	0.06	0.25	1	146.69
P-39076	CIRCULAR	0.25	0.05	0.06	0.25	1	52.94
P-39080	CIRCULAR	0.20	0.03	0.05	0.20	1	30.40
P-39075	CIRCULAR	0.20	0.03	0.05	0.20	1	30.17
P-39055	CIRCULAR	0.75	0.44	0.19	0.75	1	932.79
P-39004	CIRCULAR	0.75	0.44	0.19	0.75	1	936.27
P-39003	CIRCULAR	0.40	0.13	0.10	0.40	1	294.53
P-39002	CIRCULAR	0.50	0.20	0.12	0.50	1	597.07
P-39001	CIRCULAR	0.50	0.20	0.12	0.50	1	755.29
P-39000	CIRCULAR	0.40	0.13	0.10	0.40	1	526.87
P-38000	CIRCULAR	0.20	0.03	0.05	0.20	1	23.21
P-37003	CIRCULAR	0.20	0.03	0.05	0.20	1	34.70
P-37005	CIRCULAR	0.20	0.03	0.05	0.20	1	23.17
P-37002	CIRCULAR	0.20	0.03	0.05	0.20	1	23.19
P-37001	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-37000	CIRCULAR	0.20	0.03	0.05	0.20	1	23.22
P-36050	CIRCULAR	0.20	0.03	0.05	0.20	1	120.61
P-36046	CIRCULAR	0.30	0.07	0.07	0.30	1	114.30
P-36045	CIRCULAR	0.20	0.03	0.05	0.20	1	120.61
P-36035	CIRCULAR	0.20	0.03	0.05	0.20	1	80.23
P-36025	CIRCULAR	0.20	0.03	0.05	0.20	1	120.61
P-36017	CIRCULAR	0.20	0.03	0.05	0.20	1	85.28
P-36016	CIRCULAR	0.20	0.03	0.05	0.20	1	60.32
P-36015	CIRCULAR	0.25	0.05	0.06	0.25	1	77.33
P-36005	CIRCULAR	0.20	0.03	0.05	0.20	1	42.65
P-36060	CIRCULAR	0.20	0.03	0.05	0.20	1	30.15
P-36040	CIRCULAR	0.45	0.16	0.11	0.45	1	453.86
P-36031	CIRCULAR	0.38	0.11	0.09	0.38	1	455.94
P-36030	CIRCULAR	0.38	0.11	0.09	0.38	1	509.67
P-36020	CIRCULAR	0.25	0.05	0.06	0.25	1	218.68
P-36010	CIRCULAR	0.25	0.05	0.06	0.25	1	189.39
P-36002	CIRCULAR	0.25	0.05	0.06	0.25	1	77.30
P-36001	CIRCULAR	0.25	0.05	0.06	0.25	1	94.69
P-36000	CIRCULAR	0.15	0.02	0.04	0.15	1	19.80
P-35005	CIRCULAR	0.45	0.16	0.11	0.45	1	255.84
P-35006	CIRCULAR	0.45	0.16	0.11	0.45	1	262.66
P-35004	CIRCULAR	0.25	0.05	0.06	0.25	1	136.10
P-35003	CIRCULAR	0.25	0.05	0.06	0.25	1	118.93
P-35002	CIRCULAR	0.25	0.05	0.06	0.25	1	118.94
P-35001	CIRCULAR	0.25	0.05	0.06	0.25	1	111.25
P-35000	CIRCULAR	0.25	0.05	0.06	0.25	1	42.07
P-33002	CIRCULAR	0.20	0.03	0.05	0.20	1	39.09
P-33001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.16
P-33000	CIRCULAR	0.20	0.03	0.05	0.20	1	29.35
P-32070	CIRCULAR	0.20	0.03	0.05	0.20	1	23.94
P-32020	CIRCULAR	0.25	0.05	0.06	0.25	1	42.43
P-32006	CIRCULAR	0.20	0.03	0.05	0.20	1	88.43
P-32005	CIRCULAR	0.20	0.03	0.05	0.20	1	81.49
P-32087	CIRCULAR	0.45	0.16	0.11	0.45	1	775.21
P-32086	CIRCULAR	0.45	0.16	0.11	0.45	1	203.50
P-32082	CIRCULAR	0.20	0.03	0.05	0.20	1	80.91
P-32081	CIRCULAR	0.20	0.03	0.05	0.20	1	65.60
P-32080	CIRCULAR	0.20	0.03	0.05	0.20	1	65.60
P-32085	CIRCULAR	0.45	0.16	0.11	0.45	1	393.25
P-32050	CIRCULAR	0.30	0.07	0.07	0.30	1	97.77
P-32075	CIRCULAR	0.30	0.07	0.07	0.30	1	211.13
P-32065	CIRCULAR	0.20	0.03	0.05	0.20	1	70.20
P-32056	CIRCULAR	0.20	0.03	0.05	0.20	1	70.20
P-32061	CIRCULAR	0.15	0.02	0.04	0.15	1	15.30
P-32060	CIRCULAR	0.15	0.02	0.04	0.15	1	15.24
P-32055	CIRCULAR	0.20	0.03	0.05	0.20	1	26.27
P-32032	CIRCULAR	0.90	0.64	0.23	0.90	1	1438.31
P-34010	CIRCULAR	0.38	0.11	0.09	0.38	1	88.28
C32	CIRCULAR	0.38	0.11	0.09	0.38	1	559.93
P-34005	CIRCULAR	0.20	0.03	0.05	0.20	1	17.30
P-34001	CIRCULAR	0.25	0.05	0.06	0.25	1	37.18

C33	CIRCULAR	0.90	0.64	0.23	0.90	1	3207.78
P-32040	CIRCULAR	0.25	0.05	0.06	0.25	1	85.98
C34	CIRCULAR	0.90	0.64	0.23	0.90	1	1563.55
P-32045	CIRCULAR	0.20	0.03	0.05	0.20	1	67.43
P-32031	CIRCULAR	0.30	0.07	0.07	0.30	1	68.42
P-32030	CIRCULAR	0.30	0.07	0.07	0.30	1	270.27
P-32015	CIRCULAR	0.30	0.07	0.07	0.30	1	270.26
P-32007	CIRCULAR	0.20	0.03	0.05	0.20	1	23.20
P-32025	CIRCULAR	0.20	0.03	0.05	0.20	1	23.19
P-32010	CIRCULAR	0.20	0.03	0.05	0.20	1	23.20
P-32002	CIRCULAR	0.30	0.07	0.07	0.30	1	173.28
P-32001	CIRCULAR	0.20	0.03	0.05	0.20	1	69.74
P-32000	CIRCULAR	0.20	0.03	0.05	0.20	1	40.18
P-31001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-31000	CIRCULAR	0.15	0.02	0.04	0.15	1	27.45
C31	CIRCULAR	0.90	0.64	0.23	0.90	1	1702.66
P-30003	CIRCULAR	0.38	0.11	0.09	0.38	1	233.90
P-30002	CIRCULAR	0.38	0.11	0.09	0.38	1	321.14
P-30001	CIRCULAR	0.38	0.11	0.09	0.38	1	417.05
P-30000	CIRCULAR	0.30	0.07	0.07	0.30	1	193.41
P-29005	CIRCULAR	0.20	0.03	0.05	0.20	1	40.19
P-29002	CIRCULAR	0.25	0.05	0.06	0.25	1	84.12
P-29001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.83
P-29000	CIRCULAR	0.20	0.03	0.05	0.20	1	40.18
P-28001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-28000	CIRCULAR	0.20	0.03	0.05	0.20	1	56.81
P-27001	CIRCULAR	0.90	0.64	0.23	0.90	1	1994.98
P-27000	CIRCULAR	0.20	0.03	0.05	0.20	1	57.89
P-27010	CIRCULAR	0.25	0.05	0.06	0.25	1	126.21
P-27002	CIRCULAR	0.25	0.05	0.06	0.25	1	124.24
P-27006	CIRCULAR	0.20	0.03	0.05	0.20	1	56.81
P-27005	CIRCULAR	0.20	0.03	0.05	0.20	1	56.83
P-26003	CIRCULAR	0.20	0.03	0.05	0.20	1	46.40
P-26002	CIRCULAR	0.20	0.03	0.05	0.20	1	46.40
P-26001	CIRCULAR	0.20	0.03	0.05	0.20	1	40.18
P-26000	CIRCULAR	0.20	0.03	0.05	0.20	1	46.39
P-25001	CIRCULAR	0.38	0.11	0.09	0.38	1	889.90
P-25000	CIRCULAR	0.38	0.11	0.09	0.38	1	135.21
P-25005	CIRCULAR	0.38	0.11	0.09	0.38	1	147.40
P-23010	CIRCULAR	0.30	0.07	0.07	0.30	1	68.65
P-23002	CIRCULAR	0.30	0.07	0.07	0.30	1	68.40
P-23005	CIRCULAR	0.25	0.05	0.06	0.25	1	42.04
P-23001	CIRCULAR	0.20	0.03	0.05	0.20	1	32.44
P-23000	CIRCULAR	0.20	0.03	0.05	0.20	1	32.48
P-22003	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-22005	CIRCULAR	0.20	0.03	0.05	0.20	1	32.84
P-22002	CIRCULAR	0.20	0.03	0.05	0.20	1	73.33
P-22001	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-22000	CIRCULAR	0.20	0.03	0.05	0.20	1	73.35
P-21002	CIRCULAR	0.25	0.05	0.06	0.25	1	133.45
P-21005	CIRCULAR	0.20	0.03	0.05	0.20	1	23.19
P-21011	CIRCULAR	0.20	0.03	0.05	0.20	1	51.86
P-21010	CIRCULAR	0.25	0.05	0.06	0.25	1	94.04
P-21001	CIRCULAR	0.20	0.03	0.05	0.20	1	51.86
P-21000	CIRCULAR	0.20	0.03	0.05	0.20	1	51.86
P-7045	CIRCULAR	0.45	0.16	0.11	0.45	1	196.19
P-7044	CIRCULAR	0.75	0.44	0.19	0.75	1	1315.61
P-7043	CIRCULAR	0.75	0.44	0.19	0.75	1	1221.03
P-7038	CIRCULAR	0.75	0.44	0.19	0.75	1	1302.36
P-7041	CIRCULAR	0.30	0.07	0.07	0.30	1	82.42
P-7040	CIRCULAR	0.30	0.07	0.07	0.30	1	80.01
C75	CIRCULAR	0.53	0.22	0.13	0.53	1	1035.01
P-7030	CIRCULAR	0.75	0.44	0.19	0.75	1	920.65
P-7035	CIRCULAR	0.30	0.07	0.07	0.30	1	88.33
P-7036	CIRCULAR	0.38	0.11	0.09	0.38	1	120.95
P-7029	CIRCULAR	0.90	0.64	0.23	0.90	1	627.15
P-7028	CIRCULAR	0.90	0.64	0.23	0.90	1	369.09
P-7027	CIRCULAR	0.90	0.64	0.23	0.90	1	625.07
P-7026	CIRCULAR	0.90	0.64	0.23	0.90	1	626.85
P-7025	CIRCULAR	0.90	0.64	0.23	0.90	1	627.62
P-7325	CIRCULAR	0.40	0.13	0.10	0.40	1	398.46
P-7328	CIRCULAR	0.60	0.28	0.15	0.60	1	984.35
P-7329	CIRCULAR	0.60	0.28	0.15	0.60	1	752.13
P-7276	CIRCULAR	1.20	1.13	0.30	1.20	1	7435.99
P-7351	CIRCULAR	0.75	0.44	0.19	0.75	1	1928.80
P-7350	CIRCULAR	0.75	0.44	0.19	0.75	1	788.80
P-7270	CIRCULAR	0.75	0.44	0.19	0.75	1	704.05
P-7285	CIRCULAR	1.20	1.13	0.30	1.20	1	7380.67
P-7287	CIRCULAR	0.38	0.11	0.09	0.38	1	123.73

P-7286	CIRCULAR	0.38	0.11	0.09	0.38	1	124.25
P-7011	CIRCULAR	0.15	0.02	0.04	0.15	1	40.30
P-7010	CIRCULAR	0.15	0.02	0.04	0.15	1	10.77
P-7012	CIRCULAR	0.15	0.02	0.04	0.15	1	40.29
P-7015	CIRCULAR	0.15	0.02	0.04	0.15	1	15.24
P-7016	CIRCULAR	0.20	0.03	0.05	0.20	1	76.93
P-7288A	IndianCrk-R2	1.20	5.60	0.73	10.00	1	33808.72
P-7355	IndianCrk-R1	1.20	4.20	0.68	7.00	1	28806.86
P-7020	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-7018	CIRCULAR	1.80	2.54	0.45	1.80	1	9912.29
P-7017	CIRCULAR	0.30	0.07	0.07	0.30	1	82.05
P-7001	CIRCULAR	0.15	0.02	0.04	0.15	1	31.10
P-7022	CIRCULAR	0.15	0.02	0.04	0.15	1	10.78
P-7000	CIRCULAR	0.15	0.02	0.04	0.15	1	19.93
P-7046	CIRCULAR	0.38	0.11	0.09	0.38	1	443.23
P-7045A	CIRCULAR	0.45	0.16	0.11	0.45	1	588.36
P-7117	CIRCULAR	0.20	0.03	0.05	0.20	1	45.42
P-7116	CIRCULAR	0.20	0.03	0.05	0.20	1	45.46
P-7115	CIRCULAR	0.20	0.03	0.05	0.20	1	50.81
P-7112	CIRCULAR	0.30	0.07	0.07	0.30	1	135.38
P-7111	CIRCULAR	0.25	0.05	0.06	0.25	1	71.61
P-7110	CIRCULAR	0.20	0.03	0.05	0.20	1	56.25
P-7101	CIRCULAR	0.25	0.05	0.06	0.25	1	135.37
P-7100	CIRCULAR	0.25	0.05	0.06	0.25	1	83.45
C14	CIRCULAR	0.90	0.64	0.23	0.90	1	1434.48
P-7120	CIRCULAR	1.20	1.13	0.30	1.20	1	6186.26
P-7105	CIRCULAR	0.90	0.64	0.23	0.90	1	1697.89
P-7069	CIRCULAR	0.90	0.64	0.23	0.90	1	1870.30
P-7103	CIRCULAR	0.68	0.36	0.17	0.68	1	932.11
P-7102	CIRCULAR	0.68	0.36	0.17	0.68	1	795.34
P-7097	CIRCULAR	0.68	0.36	0.17	0.68	1	776.20
P-7096	CIRCULAR	0.15	0.02	0.04	0.15	1	22.07
P-7095	CIRCULAR	0.68	0.36	0.17	0.68	1	1535.64
P-7087	CIRCULAR	0.68	0.36	0.17	0.68	1	998.63
P-7092	CIRCULAR	0.38	0.11	0.09	0.38	1	275.70
P-7091	CIRCULAR	0.25	0.05	0.06	0.25	1	133.17
P-7090	CIRCULAR	0.20	0.03	0.05	0.20	1	88.82
P-7080	CIRCULAR	0.20	0.03	0.05	0.20	1	73.55
P-7086	CIRCULAR	0.68	0.36	0.17	0.68	1	998.27
P-7085	CIRCULAR	0.68	0.36	0.17	0.68	1	872.40
P-7078	CIRCULAR	0.60	0.28	0.15	0.60	1	1444.20
P-7081	CIRCULAR	0.30	0.07	0.07	0.30	1	136.68
P-7082	CIRCULAR	0.30	0.07	0.07	0.30	1	212.28
P-7077	CIRCULAR	0.60	0.28	0.15	0.60	1	817.77
P-7076	CIRCULAR	0.60	0.28	0.15	0.60	1	478.04
P-7073	CIRCULAR	0.53	0.22	0.13	0.53	1	495.05
P-7075	CIRCULAR	0.45	0.16	0.11	0.45	1	377.11
P-7074	CIRCULAR	0.30	0.07	0.07	0.30	1	119.51
P-7072	CIRCULAR	0.45	0.16	0.11	0.45	1	325.23
P-7071	CIRCULAR	0.30	0.07	0.07	0.30	1	119.75
P-7070	CIRCULAR	0.30	0.07	0.07	0.30	1	133.74
P-7068	CIRCULAR	0.60	0.28	0.15	0.60	1	877.40
P-7066	CIRCULAR	0.60	0.28	0.15	0.60	1	1010.88
P-7067	CIRCULAR	0.20	0.03	0.05	0.20	1	60.45
P-7063	CIRCULAR	0.60	0.28	0.15	0.60	1	677.13
P-7065	CIRCULAR	0.25	0.05	0.06	0.25	1	105.42
P-7062	CIRCULAR	0.60	0.28	0.15	0.60	1	688.61
P-7061	CIRCULAR	0.60	0.28	0.15	0.60	1	562.19
P-7057	CIRCULAR	0.60	0.28	0.15	0.60	1	562.04
P-7060	CIRCULAR	0.15	0.02	0.04	0.15	1	17.99
P-7107A	CIRCULAR	1.20	1.13	0.30	1.20	1	4777.30
P-7056	CIRCULAR	0.60	0.28	0.15	0.60	1	611.34
P-7054	CIRCULAR	0.60	0.28	0.15	0.60	1	557.20
P-7172_2	CIRCULAR	0.90	0.64	0.23	0.90	1	2105.88
P-7055	CIRCULAR	0.20	0.03	0.05	0.20	1	34.88
P-7053	CIRCULAR	0.45	0.16	0.11	0.45	1	226.34
P-7151	CIRCULAR	0.20	0.03	0.05	0.20	1	35.95
P-7150	CIRCULAR	0.15	0.02	0.04	0.15	1	16.20
P-7051	CIRCULAR	0.45	0.16	0.11	0.45	1	225.88
P-7052	CIRCULAR	0.20	0.03	0.05	0.20	1	39.33
P-7050	CIRCULAR	0.45	0.16	0.11	0.45	1	238.03
P-7047	CIRCULAR	0.60	0.28	0.15	0.60	1	1620.94
P-17050	CIRCULAR	0.38	0.11	0.09	0.38	1	349.77
P-17133	CIRCULAR	0.20	0.03	0.05	0.20	1	63.52
P-24046	CIRCULAR	0.20	0.03	0.05	0.20	1	59.44
P-50106	CIRCULAR	0.20	0.03	0.05	0.20	1	109.67
C83	CIRCULAR	0.25	0.05	0.06	0.25	1	84.94
P-54018	CIRCULAR	1.00	0.79	0.25	1.00	1	3117.28
P-54060	CIRCULAR	0.50	0.20	0.12	0.50	1	491.73

P-54070	CIRCULAR	0.50	0.20	0.12	0.50	1	491.17
P-54075	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	12379.92
P-17040	CIRCULAR	0.38	0.11	0.09	0.38	1	363.58
P-17039	CIRCULAR	0.38	0.11	0.09	0.38	1	310.19
P-17038	CIRCULAR	0.38	0.11	0.09	0.38	1	310.13
P-17036	CIRCULAR	0.38	0.11	0.09	0.38	1	310.97
P-17035	CIRCULAR	0.38	0.11	0.09	0.38	1	310.08
P-17026	CIRCULAR	0.30	0.07	0.07	0.30	1	164.85
P-17025	CIRCULAR	0.30	0.07	0.07	0.30	1	227.40
P-17020	CIRCULAR	0.25	0.05	0.06	0.25	1	106.22
P-17022	CIRCULAR	0.20	0.03	0.05	0.20	1	65.60
P-17132	CIRCULAR	0.20	0.03	0.05	0.20	1	22.49
P-17131	CIRCULAR	0.20	0.03	0.05	0.20	1	32.19
P-17130	CIRCULAR	0.20	0.03	0.05	0.20	1	32.84
P-17127	CIRCULAR	0.90	0.64	0.23	0.90	1	5052.13
P-17136	CIRCULAR	0.15	0.02	0.04	0.15	1	20.23
P-17137	CIRCULAR	0.20	0.03	0.05	0.20	1	32.79
C60	CIRCULAR	0.30	0.07	0.07	0.30	1	103.88
C59	CIRCULAR	0.20	0.03	0.05	0.20	1	26.89
C58	CIRCULAR	0.38	0.11	0.09	0.38	1	466.70
P-24040	CIRCULAR	0.30	0.07	0.07	0.30	1	168.33
P-24030	CIRCULAR	0.45	0.16	0.11	0.45	1	186.68
P-24035	CIRCULAR	0.20	0.03	0.05	0.20	1	59.30
P-24020	CIRCULAR	0.38	0.11	0.09	0.38	1	161.35
P-24026	CIRCULAR	0.20	0.03	0.05	0.20	1	73.55
P-7163	CIRCULAR	0.60	0.28	0.15	0.60	1	342.59
P-7163A	CIRCULAR	0.45	0.16	0.11	0.45	1	425.61
P-24010	CIRCULAR	0.30	0.07	0.07	0.30	1	125.29
P-24015	CIRCULAR	0.20	0.03	0.05	0.20	1	70.94
P-24002	CIRCULAR	0.25	0.05	0.06	0.25	1	138.28
P-50110	CIRCULAR	0.20	0.03	0.05	0.20	1	38.80
P-50107	CIRCULAR	0.25	0.05	0.06	0.25	1	197.04
P-50115	CIRCULAR	0.20	0.03	0.05	0.20	1	67.15
P-50100	CIRCULAR	0.38	0.11	0.09	0.38	1	414.61
P-50120	CIRCULAR	0.45	0.16	0.11	0.45	1	532.84
P-50066	CIRCULAR	0.60	0.28	0.15	0.60	1	613.80
P-16030	CIRCULAR	0.30	0.07	0.07	0.30	1	153.30
C219	CIRCULAR	0.20	0.03	0.05	0.20	1	57.94
C11	CIRCULAR	0.75	0.44	0.19	0.75	1	2854.10
P-7121A_1	CIRCULAR	1.50	1.77	0.38	1.50	1	7657.42
P-53132	CIRCULAR	0.30	0.07	0.07	0.30	1	138.17
P-7180	CIRCULAR	1.20	1.13	0.30	1.20	1	6994.21
C82	CIRCULAR	0.30	0.07	0.07	0.30	1	154.00
P-53130	CIRCULAR	0.25	0.05	0.06	0.25	1	80.77
P-53125_1	CIRCULAR	0.45	0.16	0.11	0.45	1	337.04
P-53120	CIRCULAR	0.25	0.05	0.06	0.25	1	48.88
P-53115	CIRCULAR	0.45	0.16	0.11	0.45	1	381.19
P-53097	CIRCULAR	0.30	0.07	0.07	0.30	1	90.77
P-54002	CIRCULAR	0.60	0.28	0.15	0.60	1	608.01
P-54005	CIRCULAR	0.25	0.05	0.06	0.25	1	22.80
P-54001	CIRCULAR	0.45	0.16	0.11	0.45	1	308.88
P-54000	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	5536.45
P-24025	BASIC_DITCH2	0.50	0.80	0.28	2.60	1	9706.74
C6	CIRCULAR	1.20	1.13	0.30	1.20	1	1908.57
P-53041	CIRCULAR	0.45	0.16	0.11	0.45	1	1053.47
P-53066	CIRCULAR	0.38	0.11	0.09	0.38	1	298.05
P-53061	CIRCULAR	0.60	0.28	0.15	0.60	1	523.39
P-53070	CIRCULAR	0.60	0.28	0.15	0.60	1	627.73
P-53071	CIRCULAR	0.60	0.28	0.15	0.60	1	674.13
P-53075	CIRCULAR	0.20	0.03	0.05	0.20	1	67.86
P-53080	TRAPEZOIDAL	0.50	2.00	0.38	5.00	1	2639.54
P-53200	CIRCULAR	0.60	0.28	0.15	0.60	1	1264.39
P-53151	CIRCULAR	0.60	0.28	0.15	0.60	1	736.79
P-53081	TRAPEZOIDAL	0.90	2.88	0.53	5.00	1	3253.12
P-53160	TRAPEZOIDAL	0.90	2.88	0.53	5.00	1	2619.43
P-53168	CIRCULAR	0.53	0.22	0.13	0.53	1	310.24
P-53161	CIRCULAR	0.60	0.28	0.15	0.60	1	3599.09
P-53175	CIRCULAR	0.68	0.36	0.17	0.68	1	746.14
P-53180	CIRCULAR	0.45	0.16	0.11	0.45	1	234.29
P-53155	CIRCULAR	0.25	0.05	0.06	0.25	1	121.64
P-53150	CIRCULAR	0.60	0.28	0.15	0.60	1	503.92
P-53110	CIRCULAR	0.53	0.22	0.13	0.53	1	525.92
P-53170	CIRCULAR	0.25	0.05	0.06	0.25	1	172.68
P-53167	CIRCULAR	0.45	0.16	0.11	0.45	1	227.92
P-53166	CIRCULAR	0.45	0.16	0.11	0.45	1	203.01
P-53165	CIRCULAR	0.45	0.16	0.11	0.45	1	176.88
P-53310	CIRCULAR	0.38	0.11	0.09	0.38	1	179.14
P-53316	CIRCULAR	0.25	0.05	0.06	0.25	1	46.74
P-53315	CIRCULAR	0.20	0.03	0.05	0.20	1	101.50

P-53320	CIRCULAR	0.20	0.03	0.05	0.20	1	32.19
P-53302	CIRCULAR	0.25	0.05	0.06	0.25	1	170.81
P-53305	CIRCULAR	0.20	0.03	0.05	0.20	1	86.74
P-53301	CIRCULAR	0.25	0.05	0.06	0.25	1	117.04
P-53300	CIRCULAR	0.20	0.03	0.05	0.20	1	85.30
P-53103	CIRCULAR	0.30	0.07	0.07	0.30	1	299.78
P-53102	CIRCULAR	0.30	0.07	0.07	0.30	1	255.17
P-53101	CIRCULAR	0.20	0.03	0.05	0.20	1	65.33
P-53105	CIRCULAR	0.20	0.03	0.05	0.20	1	85.56
P-53136	CIRCULAR	0.45	0.16	0.11	0.45	1	700.91
P-53140	CIRCULAR	0.20	0.03	0.05	0.20	1	29.12
P-53135	CIRCULAR	0.45	0.16	0.11	0.45	1	645.85
P-17021	CIRCULAR	0.15	0.02	0.04	0.15	1	33.37
P-17015	CIRCULAR	0.25	0.05	0.06	0.25	1	21.44
P-17006	CIRCULAR	0.25	0.05	0.06	0.25	1	24.77
P-17002	CIRCULAR	0.25	0.05	0.06	0.25	1	24.34
P-17005	CIRCULAR	0.20	0.03	0.05	0.20	1	63.32
P-17001	CIRCULAR	0.20	0.03	0.05	0.20	1	70.24
P-17000	CIRCULAR	0.20	0.03	0.05	0.20	1	31.11
P-7302	CIRCULAR	0.20	0.03	0.05	0.20	1	66.53
P-7301	CIRCULAR	0.15	0.02	0.04	0.15	1	32.62
P-7268	CIRCULAR	0.25	0.05	0.06	0.25	1	88.91
P-7273	CIRCULAR	0.30	0.07	0.07	0.30	1	223.69
P-7267	CIRCULAR	0.30	0.07	0.07	0.30	1	190.27
P-7265	CIRCULAR	0.30	0.07	0.07	0.30	1	234.91
P-7269	CIRCULAR	0.15	0.02	0.04	0.15	1	14.97
P-7271	CIRCULAR	0.30	0.07	0.07	0.30	1	224.31
P-7272	CIRCULAR	0.30	0.07	0.07	0.30	1	68.39
P-7266	CIRCULAR	0.25	0.05	0.06	0.25	1	88.88
P-7260	CIRCULAR	0.30	0.07	0.07	0.30	1	165.26
P-7261	CIRCULAR	0.25	0.05	0.06	0.25	1	103.05
P-7336	CIRCULAR	0.20	0.03	0.05	0.20	1	37.68
P-7335	CIRCULAR	0.20	0.03	0.05	0.20	1	53.50
P-7340	CIRCULAR	0.25	0.05	0.06	0.25	1	72.86
P-7339	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-7337	CIRCULAR	0.30	0.07	0.07	0.30	1	246.74
P-7338	CIRCULAR	0.30	0.07	0.07	0.30	1	209.45
P-7341	CIRCULAR	0.30	0.07	0.07	0.30	1	181.97
P-7343	CIRCULAR	0.25	0.05	0.06	0.25	1	102.67
P-7342	CIRCULAR	0.15	0.02	0.04	0.15	1	32.95
P-7332	CIRCULAR	0.20	0.03	0.05	0.20	1	56.82
P-7331	CIRCULAR	0.20	0.03	0.05	0.20	1	76.92
P-7330	CIRCULAR	0.20	0.03	0.05	0.20	1	61.38
P-7308	CIRCULAR	0.30	0.07	0.07	0.30	1	96.87
P-7327	CIRCULAR	0.20	0.03	0.05	0.20	1	32.77
P-7326	CIRCULAR	0.20	0.03	0.05	0.20	1	32.83
P-7306	CIRCULAR	0.30	0.07	0.07	0.30	1	220.43
P-7305	CIRCULAR	0.30	0.07	0.07	0.30	1	175.96
P-7300	CIRCULAR	0.30	0.07	0.07	0.30	1	103.80
P-7298	CIRCULAR	0.30	0.07	0.07	0.30	1	117.63
P-7309	CIRCULAR	0.30	0.07	0.07	0.30	1	90.84
P-7323	CIRCULAR	0.30	0.07	0.07	0.30	1	93.23
P-7322	CIRCULAR	0.30	0.07	0.07	0.30	1	194.98
P-7321	CIRCULAR	0.30	0.07	0.07	0.30	1	209.67
P-7320	CIRCULAR	0.30	0.07	0.07	0.30	1	209.68
P-7315	CIRCULAR	0.30	0.07	0.07	0.30	1	128.34
P-7314	CIRCULAR	0.30	0.07	0.07	0.30	1	88.08
P-7313	CIRCULAR	0.30	0.07	0.07	0.30	1	170.53
P-7312	CIRCULAR	0.30	0.07	0.07	0.30	1	230.91
P-7311	CIRCULAR	0.20	0.03	0.05	0.20	1	63.86
P-7310	CIRCULAR	0.15	0.02	0.04	0.15	1	33.69
P-7319	CIRCULAR	0.30	0.07	0.07	0.30	1	299.49
P-7318	CIRCULAR	0.30	0.07	0.07	0.30	1	89.23
P-7317	CIRCULAR	0.30	0.07	0.07	0.30	1	54.78
P-7316	CIRCULAR	0.20	0.03	0.05	0.20	1	37.70
P-7299	CIRCULAR	0.20	0.03	0.05	0.20	1	50.06
P-7295	CIRCULAR	0.20	0.03	0.05	0.20	1	65.59
P-7297	CIRCULAR	0.20	0.03	0.05	0.20	1	23.29
P-7296	CIRCULAR	0.20	0.03	0.05	0.20	1	23.20
P-7294	CIRCULAR	0.30	0.07	0.07	0.30	1	68.60
P-7293	CIRCULAR	0.30	0.07	0.07	0.30	1	69.52
P-7291	CIRCULAR	0.25	0.05	0.06	0.25	1	42.03
P-7292	CIRCULAR	0.15	0.02	0.04	0.15	1	10.75
P-7290	CIRCULAR	0.20	0.03	0.05	0.20	1	18.87
P-7252	CIRCULAR	0.75	0.44	0.19	0.75	1	1994.36
P-7251	CIRCULAR	0.75	0.44	0.19	0.75	1	1430.50
P-7258	CIRCULAR	0.20	0.03	0.05	0.20	1	32.79
P-7259	CIRCULAR	0.20	0.03	0.05	0.20	1	56.83
P-7256	CIRCULAR	0.20	0.03	0.05	0.20	1	46.47

P-7255	CIRCULAR	0.20	0.03	0.05	0.20	1	46.39
P-7257	CIRCULAR	0.20	0.03	0.05	0.20	1	52.74
P-7247	CIRCULAR	0.35	0.10	0.09	0.35	1	296.13
P-7230	CIRCULAR	0.60	0.28	0.15	0.60	1	1063.65
P-7233	CIRCULAR	0.30	0.07	0.07	0.30	1	148.94
P-7143	CIRCULAR	0.45	0.16	0.11	0.45	1	463.25
P-7145	CIRCULAR	0.20	0.03	0.05	0.20	1	45.86
P-7146	CIRCULAR	0.20	0.03	0.05	0.20	1	42.47
P-7131	CIRCULAR	0.45	0.16	0.11	0.45	1	261.02
P-7142	CIRCULAR	0.45	0.16	0.11	0.45	1	228.28
P-7141	CIRCULAR	0.45	0.16	0.11	0.45	1	238.27
P-7128	CIRCULAR	0.38	0.11	0.09	0.38	1	159.30
P-7129	CIRCULAR	0.38	0.11	0.09	0.38	1	146.38
P-7130	CIRCULAR	0.25	0.05	0.06	0.25	1	78.27
P-7125	CIRCULAR	0.25	0.05	0.06	0.25	1	109.11
P-17065	CIRCULAR	0.15	0.02	0.04	0.15	1	18.00
P-17066	CIRCULAR	0.20	0.03	0.05	0.20	1	28.76
P-17067	CIRCULAR	0.20	0.03	0.05	0.20	1	56.44
P-17068	CIRCULAR	0.25	0.05	0.06	0.25	1	118.27
P-17070	CIRCULAR	0.20	0.03	0.05	0.20	1	36.78
P-17072	CIRCULAR	0.25	0.05	0.06	0.25	1	66.49
P-17071	CIRCULAR	0.25	0.05	0.06	0.25	1	64.91
P-17069	CIRCULAR	0.25	0.05	0.06	0.25	1	111.13
P-17054	CIRCULAR	0.40	0.13	0.10	0.40	1	230.91
P-17087	CIRCULAR	0.68	0.36	0.17	0.68	1	992.98
P-17095	CIRCULAR	0.68	0.36	0.17	0.68	1	993.27
C23	CIRCULAR	1.05	0.87	0.26	1.05	1	1460.24
P-17061	CIRCULAR	0.38	0.11	0.09	0.38	1	689.37
P-17074	CIRCULAR	0.90	0.64	0.23	0.90	1	1985.66
P-17090	CIRCULAR	0.90	0.64	0.23	0.90	1	3212.15
P-17091A	CIRCULAR	0.60	0.28	0.15	0.60	1	3277.95
P-17092	CIRCULAR	0.75	0.44	0.19	0.75	1	1843.01
P-17096	CIRCULAR	0.75	0.44	0.19	0.75	1	1460.83
P-17160	CIRCULAR	0.75	0.44	0.19	0.75	1	1316.02
P-17161	CIRCULAR	0.45	0.16	0.11	0.45	1	1292.14
P-17162	CIRCULAR	0.75	0.44	0.19	0.75	1	832.17
P-17146	CIRCULAR	0.20	0.03	0.05	0.20	1	45.85
P-17142	CIRCULAR	0.25	0.05	0.06	0.25	1	79.57
P-17141	CIRCULAR	0.25	0.05	0.06	0.25	1	111.15
P-17140	CIRCULAR	0.30	0.07	0.07	0.30	1	193.37
P-17145	CIRCULAR	0.90	0.64	0.23	0.90	1	3938.58
P-17147	CIRCULAR	0.90	0.64	0.23	0.90	1	2040.80
P-17152	CIRCULAR	0.20	0.03	0.05	0.20	1	21.75
P-17151	CIRCULAR	0.20	0.03	0.05	0.20	1	68.82
P-17150	CIRCULAR	0.15	0.02	0.04	0.15	1	32.34
P-17052	CIRCULAR	0.20	0.03	0.05	0.20	1	32.79
P-17056	CIRCULAR	0.20	0.03	0.05	0.20	1	46.41
C224	CIRCULAR	0.15	0.02	0.04	0.15	1	42.01
P-17055	CIRCULAR	0.20	0.03	0.05	0.20	1	54.83
P-17086	CIRCULAR	0.20	0.03	0.05	0.20	1	32.13
P-17084	CIRCULAR	0.60	0.28	0.15	0.60	1	395.13
P-17083	CIRCULAR	0.45	0.16	0.11	0.45	1	388.28
P-17082	CIRCULAR	0.45	0.16	0.11	0.45	1	735.79
P-17081	CIRCULAR	0.45	0.16	0.11	0.45	1	338.75
P-17080	CIRCULAR	0.45	0.16	0.11	0.45	1	336.66
P-17077	CIRCULAR	0.38	0.11	0.09	0.38	1	270.29
P-17079	CIRCULAR	0.20	0.03	0.05	0.20	1	29.15
P-17076	CIRCULAR	0.38	0.11	0.09	0.38	1	426.13
P-17078	CIRCULAR	0.20	0.03	0.05	0.20	1	58.77
P-17075	CIRCULAR	0.38	0.11	0.09	0.38	1	135.89
P-17047	CIRCULAR	0.20	0.03	0.05	0.20	1	24.33
P-17046	CIRCULAR	0.20	0.03	0.05	0.20	1	34.07
P-17045	CIRCULAR	0.20	0.03	0.05	0.20	1	54.22
P-17041	CIRCULAR	0.20	0.03	0.05	0.20	1	54.89
P-17037	CIRCULAR	0.15	0.02	0.04	0.15	1	15.22
P-17034	CIRCULAR	0.20	0.03	0.05	0.20	1	16.80
P-17033	CIRCULAR	0.20	0.03	0.05	0.20	1	23.21
P-17032	CIRCULAR	0.30	0.07	0.07	0.30	1	88.03
P-17031	CIRCULAR	0.30	0.07	0.07	0.30	1	125.71
P-17030	CIRCULAR	0.20	0.03	0.05	0.20	1	28.60
P-17106	CIRCULAR	0.25	0.05	0.06	0.25	1	49.66
P-17105	CIRCULAR	0.25	0.05	0.06	0.25	1	49.72
P-17051	CIRCULAR	0.38	0.11	0.09	0.38	1	247.52
P-7156	CIRCULAR	0.25	0.05	0.06	0.25	1	140.56
P-7148	CIRCULAR	0.45	0.16	0.11	0.45	1	319.71
P-7154	CIRCULAR	0.25	0.05	0.06	0.25	1	78.59
P-7153	CIRCULAR	0.25	0.05	0.06	0.25	1	78.65
P-7152	CIRCULAR	0.25	0.05	0.06	0.25	1	79.22
P-7147	CIRCULAR	0.45	0.16	0.11	0.45	1	518.69

P-7127	CIRCULAR	0.38	0.11	0.09	0.38	1	168.36
P-19006	CIRCULAR	0.38	0.11	0.09	0.38	1	295.46
P-19012	CIRCULAR	0.30	0.07	0.07	0.30	1	88.64
P-19011	CIRCULAR	0.30	0.07	0.07	0.30	1	86.32
P-19010	CIRCULAR	0.20	0.03	0.05	0.20	1	28.55
P-19002	CIRCULAR	0.38	0.11	0.09	0.38	1	251.43
P-19005	CIRCULAR	0.38	0.11	0.09	0.38	1	188.90
P-19001	CIRCULAR	0.20	0.03	0.05	0.20	1	30.04
P-19000	CIRCULAR	0.20	0.03	0.05	0.20	1	34.91
P-17085	CIRCULAR	0.60	0.28	0.15	0.60	1	1657.42
P-17128	CIRCULAR	0.20	0.03	0.05	0.20	1	51.92
C62	CIRCULAR	0.45	0.16	0.11	0.45	1	296.54
C57	CIRCULAR	0.38	0.11	0.09	0.38	1	146.94
C67	CIRCULAR	0.25	0.05	0.06	0.25	1	68.08
C66	CIRCULAR	0.20	0.03	0.05	0.20	1	66.26
P-17053A	CIRCULAR	0.38	0.11	0.09	0.38	1	75.67
P-17088	CIRCULAR	0.38	0.11	0.09	0.38	1	316.58
P-17053	CIRCULAR	0.40	0.13	0.10	0.40	1	231.67
P-17088A	CIRCULAR	0.45	0.16	0.11	0.45	1	343.27
C24	CIRCULAR	0.45	0.16	0.11	0.45	1	341.35
P-17155	CIRCULAR	1.05	0.87	0.26	1.05	1	2274.78
P-17101	CIRCULAR	0.30	0.07	0.07	0.30	1	268.07
P-17107	CIRCULAR	0.20	0.03	0.05	0.20	1	55.38
C28	CIRCULAR	0.90	0.64	0.23	0.90	1	2761.63
P-17110	CIRCULAR	0.90	0.64	0.23	0.90	1	1888.67
P-17126	CIRCULAR	0.20	0.03	0.05	0.20	1	30.82
P-17125	CIRCULAR	0.90	0.64	0.23	0.90	1	4661.16
P-7157	CIRCULAR	0.25	0.05	0.06	0.25	1	66.71
P-7158	CIRCULAR	0.60	0.28	0.15	0.60	1	714.56
P-7155	CIRCULAR	0.60	0.28	0.15	0.60	1	688.62
P-24006	CIRCULAR	0.20	0.03	0.05	0.20	1	83.42
P-24005	CIRCULAR	0.20	0.03	0.05	0.20	1	108.97
P-24001	CIRCULAR	0.20	0.03	0.05	0.20	1	78.79
P-24000	CIRCULAR	0.20	0.03	0.05	0.20	1	77.53
P-19125A	CIRCULAR	0.60	0.28	0.15	0.60	1	1261.87
P-19130	CIRCULAR	0.20	0.03	0.05	0.20	1	52.54
P-19103	CIRCULAR	0.20	0.03	0.05	0.20	1	35.55
P-19121	CIRCULAR	0.20	0.03	0.05	0.20	1	31.97
P-19031	CIRCULAR	0.45	0.16	0.11	0.45	1	334.47
P-19122	CIRCULAR	0.30	0.07	0.07	0.30	1	79.74
P-19031A	CIRCULAR	0.25	0.05	0.06	0.25	1	61.66
P-19044A	CIRCULAR	0.25	0.05	0.06	0.25	1	73.11
P-19123	CIRCULAR	0.30	0.07	0.07	0.30	1	117.35
P-19044	CIRCULAR	0.38	0.11	0.09	0.38	1	287.39
P-19120	CIRCULAR	0.30	0.07	0.07	0.30	1	190.42
P-19107	CIRCULAR	0.30	0.07	0.07	0.30	1	199.16
P-19094	CIRCULAR	0.30	0.07	0.07	0.30	1	183.23
P-19062	CIRCULAR	0.20	0.03	0.05	0.20	1	32.81
P-19114	CIRCULAR	0.38	0.11	0.09	0.38	1	137.19
P-19112	CIRCULAR	0.30	0.07	0.07	0.30	1	77.98
P-19110	CIRCULAR	0.25	0.05	0.06	0.25	1	51.12
P-19111	CIRCULAR	0.25	0.05	0.06	0.25	1	50.69
P-19113	CIRCULAR	0.20	0.03	0.05	0.20	1	23.21
P-19050	CIRCULAR	0.45	0.16	0.11	0.45	1	260.68
P-19092	CIRCULAR	0.25	0.05	0.06	0.25	1	52.36
P-19091	CIRCULAR	0.25	0.05	0.06	0.25	1	45.38
P-19090	CIRCULAR	0.25	0.05	0.06	0.25	1	42.04
P-19095	CIRCULAR	0.15	0.02	0.04	0.15	1	18.00
P-19093	CIRCULAR	0.25	0.05	0.06	0.25	1	106.44
P-19106	CIRCULAR	0.20	0.03	0.05	0.20	1	34.62
P-19105	CIRCULAR	0.20	0.03	0.05	0.20	1	33.41
P-19023	CIRCULAR	0.45	0.16	0.11	0.45	1	554.30
P-19104	CIRCULAR	0.25	0.05	0.06	0.25	1	65.89
P-19102	CIRCULAR	0.25	0.05	0.06	0.25	1	24.56
P-19070A	CIRCULAR	0.45	0.16	0.11	0.45	1	602.44
P-19023A	CIRCULAR	0.45	0.16	0.11	0.45	1	517.87
P-19101	CIRCULAR	0.25	0.05	0.06	0.25	1	26.83
P-19100	CIRCULAR	0.25	0.05	0.06	0.25	1	25.61
P-19126	CIRCULAR	0.75	0.44	0.19	0.75	1	1759.84
P-19125	CIRCULAR	0.75	0.44	0.19	0.75	1	1756.29
P-19086	CIRCULAR	0.90	0.64	0.23	0.90	1	2251.04
P-19067	CIRCULAR	0.90	0.64	0.23	0.90	1	3612.83
P-19115	CIRCULAR	0.53	0.22	0.13	0.53	1	869.99
P-19057	CIRCULAR	0.75	0.44	0.19	0.75	1	787.04
P-19056	CIRCULAR	0.75	0.44	0.19	0.75	1	1178.84
P-19070	CIRCULAR	0.60	0.28	0.15	0.60	1	476.75
P-19085	CIRCULAR	0.75	0.44	0.19	0.75	1	787.87
P-19082	CIRCULAR	0.38	0.11	0.09	0.38	1	237.27
P-19075	CIRCULAR	0.20	0.03	0.05	0.20	1	32.80

P-19076	CIRCULAR	0.25	0.05	0.06	0.25	1	70.39
P-19077	CIRCULAR	0.25	0.05	0.06	0.25	1	67.86
P-19078	CIRCULAR	0.38	0.11	0.09	0.38	1	234.52
P-19081	CIRCULAR	0.25	0.05	0.06	0.25	1	83.80
P-19080	CIRCULAR	0.20	0.03	0.05	0.20	1	32.82
P-11020A	CIRCULAR	0.60	0.28	0.15	0.60	1	1033.44
P-19052	CIRCULAR	0.45	0.16	0.11	0.45	1	504.42
P-19051	CIRCULAR	0.45	0.16	0.11	0.45	1	495.97
P-19053	CIRCULAR	0.75	0.44	0.19	0.75	1	1097.28
P-19055	CIRCULAR	0.45	0.16	0.11	0.45	1	302.02
P-19063	CIRCULAR	0.30	0.07	0.07	0.30	1	161.29
P-19064	CIRCULAR	0.15	0.02	0.04	0.15	1	11.61
P-19066	CIRCULAR	0.38	0.11	0.09	0.38	1	231.67
P-19065	CIRCULAR	0.25	0.05	0.06	0.25	1	78.64
P-19061	CIRCULAR	0.30	0.07	0.07	0.30	1	157.45
P-19060	CIRCULAR	0.30	0.07	0.07	0.30	1	188.54
P-19018	CIRCULAR	0.40	0.13	0.10	0.40	1	167.76
P-19019	CIRCULAR	0.45	0.16	0.11	0.45	1	670.13
P-19022	CIRCULAR	0.20	0.03	0.05	0.20	1	28.96
P-19021	CIRCULAR	0.20	0.03	0.05	0.20	1	29.10
P-19020	CIRCULAR	0.15	0.02	0.04	0.15	1	18.96
P-19045	CIRCULAR	0.45	0.16	0.11	0.45	1	230.77
P-19040	CIRCULAR	0.20	0.03	0.05	0.20	1	43.14
P-19042	CIRCULAR	0.20	0.03	0.05	0.20	1	23.18
P-19041	CIRCULAR	0.30	0.07	0.07	0.30	1	126.95
P-19043	CIRCULAR	0.30	0.07	0.07	0.30	1	126.79
P-19036	CIRCULAR	0.45	0.16	0.11	0.45	1	314.86
P-19035	CIRCULAR	0.45	0.16	0.11	0.45	1	319.86
P-19032	CIRCULAR	0.25	0.05	0.06	0.25	1	113.55
P-19030	CIRCULAR	0.38	0.11	0.09	0.38	1	376.54
P-19027	CIRCULAR	0.30	0.07	0.07	0.30	1	197.95
P-19025	CIRCULAR	0.25	0.05	0.06	0.25	1	63.15
P-19029	CIRCULAR	0.25	0.05	0.06	0.25	1	63.11
P-19026	CIRCULAR	0.25	0.05	0.06	0.25	1	63.11
P-19017	CIRCULAR	0.45	0.16	0.11	0.45	1	533.33
C61	CIRCULAR	0.45	0.16	0.11	0.45	1	419.78
P-7176	CIRCULAR	0.20	0.03	0.05	0.20	1	38.04
P-7175	CIRCULAR	0.20	0.03	0.05	0.20	1	56.24
P-7172_1	CIRCULAR	0.90	0.64	0.23	0.90	1	2166.23
P-7164	CIRCULAR	0.30	0.07	0.07	0.30	1	52.38
P-7161	CIRCULAR	0.60	0.28	0.15	0.60	1	1076.47
P-7162	CIRCULAR	0.30	0.07	0.07	0.30	1	162.43
P-7159	CIRCULAR	0.60	0.28	0.15	0.60	1	688.32
P-7160	CIRCULAR	0.25	0.05	0.06	0.25	1	64.01
P-7135	CIRCULAR	0.20	0.03	0.05	0.20	1	38.78
C52	CIRCULAR	0.75	0.44	0.19	0.75	1	2168.43
P-50065	CIRCULAR	0.53	0.22	0.13	0.53	1	490.55
P-50064	CIRCULAR	0.53	0.22	0.13	0.53	1	614.89
P-50063	CIRCULAR	0.53	0.22	0.13	0.53	1	384.54
P-50062	CIRCULAR	0.45	0.16	0.11	0.45	1	532.96
P-50061	CIRCULAR	0.45	0.16	0.11	0.45	1	532.92
P-50060	CIRCULAR	0.45	0.16	0.11	0.45	1	337.26
P-50096	CIRCULAR	0.20	0.03	0.05	0.20	1	77.53
P-50095	CIRCULAR	0.20	0.03	0.05	0.20	1	115.85
P-50072	CIRCULAR	0.30	0.07	0.07	0.30	1	213.84
P-50071	CIRCULAR	0.25	0.05	0.06	0.25	1	133.35
P-50070	CIRCULAR	0.25	0.05	0.06	0.25	1	151.09
P-50085	CIRCULAR	0.20	0.03	0.05	0.20	1	104.74
P-50077	CIRCULAR	0.20	0.03	0.05	0.20	1	101.61
P-50080	CIRCULAR	0.15	0.02	0.04	0.15	1	27.76
P-50076	CIRCULAR	0.20	0.03	0.05	0.20	1	48.72
P-50075	CIRCULAR	0.20	0.03	0.05	0.20	1	62.87
P-50045	CIRCULAR	0.38	0.11	0.09	0.38	1	179.43
P-50055	CIRCULAR	0.30	0.07	0.07	0.30	1	236.48
P-50041	CIRCULAR	0.45	0.16	0.11	0.45	1	337.33
P-50040	CIRCULAR	0.45	0.16	0.11	0.45	1	213.41
P-50031	CIRCULAR	0.40	0.13	0.10	0.40	1	155.75
P-50030	CIRCULAR	0.45	0.16	0.11	0.45	1	212.58
P-50035	CIRCULAR	0.20	0.03	0.05	0.20	1	77.72
P-50050	CIRCULAR	0.20	0.03	0.05	0.20	1	40.85
P-50020	CIRCULAR	0.20	0.03	0.05	0.20	1	45.87
P-50017	CIRCULAR	0.20	0.03	0.05	0.20	1	71.29
P-50016	CIRCULAR	0.20	0.03	0.05	0.20	1	24.55
P-50015	CIRCULAR	0.20	0.03	0.05	0.20	1	24.52
P-50018	CIRCULAR	0.20	0.03	0.05	0.20	1	44.19
P-50025	CIRCULAR	0.20	0.03	0.05	0.20	1	64.18
P-50026	CIRCULAR	0.25	0.05	0.06	0.25	1	123.75
P-50027	CIRCULAR	0.25	0.05	0.06	0.25	1	84.36
P-50028	CIRCULAR	0.30	0.07	0.07	0.30	1	225.15

P-50011	CIRCULAR	0.45	0.16	0.11	0.45	1	210.49
P-50010	CIRCULAR	0.38	0.11	0.09	0.38	1	124.61
P-50001	CIRCULAR	0.38	0.11	0.09	0.38	1	135.88
P-50005	CIRCULAR	0.20	0.03	0.05	0.20	1	80.19
P-50000	CIRCULAR	0.30	0.07	0.07	0.30	1	72.25
P-24057	CIRCULAR	0.20	0.03	0.05	0.20	1	43.85
P-24056	CIRCULAR	0.20	0.03	0.05	0.20	1	45.54
P-24055	CIRCULAR	0.20	0.03	0.05	0.20	1	52.88
P-24050	CIRCULAR	0.30	0.07	0.07	0.30	1	164.04
P-24065	CIRCULAR	0.20	0.03	0.05	0.20	1	83.94
P-24060	CIRCULAR	0.30	0.07	0.07	0.30	1	174.55
P-24075	CIRCULAR	0.20	0.03	0.05	0.20	1	67.22
P-24070	CIRCULAR	0.45	0.16	0.11	0.45	1	403.12
P-24087	CIRCULAR	0.20	0.03	0.05	0.20	1	63.61
P-24086	CIRCULAR	0.20	0.03	0.05	0.20	1	49.31
P-24085	CIRCULAR	0.20	0.03	0.05	0.20	1	24.60
P-24080	CIRCULAR	0.45	0.16	0.11	0.45	1	148.75
P-24090	CIRCULAR	0.45	0.16	0.11	0.45	1	226.48
P-24091	CIRCULAR	0.60	0.28	0.15	0.60	1	528.32
P-24105	CIRCULAR	0.45	0.16	0.11	0.45	1	388.84
P-24095	CIRCULAR	0.45	0.16	0.11	0.45	1	285.24
P-24100	CIRCULAR	0.25	0.05	0.06	0.25	1	42.15
P-24045	CIRCULAR	0.20	0.03	0.05	0.20	1	53.59
P-7167	CIRCULAR	0.45	0.16	0.11	0.45	1	226.99
P-7168	CIRCULAR	0.45	0.16	0.11	0.45	1	308.65
C12	CIRCULAR	0.90	0.64	0.23	0.90	1	1116.02
P-7171	CIRCULAR	0.30	0.07	0.07	0.30	1	52.48
C10	CIRCULAR	0.60	0.28	0.15	0.60	1	1470.04
P-7165	CIRCULAR	0.90	0.64	0.23	0.90	1	2698.45
P-7136	CIRCULAR	0.25	0.05	0.06	0.25	1	99.41
P-16032	CIRCULAR	0.38	0.11	0.09	0.38	1	321.90
P-16027	ARCH	0.97	1.06	0.29	1.39	1	1472.52
P-16026_1	ARCH	0.97	1.06	0.29	1.39	1	2088.97
P-16035	CIRCULAR	0.50	0.20	0.12	0.50	1	650.95
P-16041	CIRCULAR	0.20	0.03	0.05	0.20	1	25.80
P-16040	CIRCULAR	0.20	0.03	0.05	0.20	1	23.18
P-16036	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	12183.54
P-51022	CIRCULAR	0.38	0.11	0.09	0.38	1	98.18
P-51021	CIRCULAR	0.38	0.11	0.09	0.38	1	102.73
P-51020	CIRCULAR	0.38	0.11	0.09	0.38	1	131.99
P-51026	CIRCULAR	0.30	0.07	0.07	0.30	1	59.35
P-51025	CIRCULAR	0.30	0.07	0.07	0.30	1	65.68
P-51015	CIRCULAR	0.20	0.03	0.05	0.20	1	27.15
P-51001	CIRCULAR	0.25	0.05	0.06	0.25	1	41.55
P-51035	CIRCULAR	0.30	0.07	0.07	0.30	1	80.83
P-51005	CIRCULAR	0.20	0.03	0.05	0.20	1	41.21
P-51027	CIRCULAR	0.30	0.07	0.07	0.30	1	72.20
P-51035A	CIRCULAR	0.30	0.07	0.07	0.30	1	147.71
P-51030	CIRCULAR	0.20	0.03	0.05	0.20	1	24.54
P-51040	CIRCULAR	0.45	0.16	0.11	0.45	1	110.05
P-51023	CIRCULAR	0.45	0.16	0.11	0.45	1	190.22
P-51010	CIRCULAR	0.38	0.11	0.09	0.38	1	176.57
P-51010A	CIRCULAR	0.30	0.07	0.07	0.30	1	106.23
P-51041	CIRCULAR	0.45	0.16	0.11	0.45	1	336.70
P-50149	CIRCULAR	0.30	0.07	0.07	0.30	1	84.82
P-50148	CIRCULAR	0.30	0.07	0.07	0.30	1	88.60
P-50147	CIRCULAR	0.20	0.03	0.05	0.20	1	77.53
P-50146	CIRCULAR	0.20	0.03	0.05	0.20	1	77.52
P-50141	CIRCULAR	0.30	0.07	0.07	0.30	1	156.37
P-50140	CIRCULAR	0.30	0.07	0.07	0.30	1	114.28
P-50132	CIRCULAR	0.25	0.05	0.06	0.25	1	113.11
P-50135	CIRCULAR	0.20	0.03	0.05	0.20	1	86.69
P-50131	CIRCULAR	0.20	0.03	0.05	0.20	1	54.81
P-50130	CIRCULAR	0.20	0.03	0.05	0.20	1	86.69
P-50105	CIRCULAR	0.20	0.03	0.05	0.20	1	77.05
P-7166	CIRCULAR	0.30	0.07	0.07	0.30	1	73.90
P-7170	CIRCULAR	0.25	0.05	0.06	0.25	1	63.24
P-53096	CIRCULAR	0.30	0.07	0.07	0.30	1	101.00
P-53095	CIRCULAR	0.25	0.05	0.06	0.25	1	70.28
P-53090	CIRCULAR	0.30	0.07	0.07	0.30	1	210.08
P-53089	CIRCULAR	0.30	0.07	0.07	0.30	1	114.35
P-53088	CIRCULAR	0.30	0.07	0.07	0.30	1	102.25
P-53087	CIRCULAR	0.25	0.05	0.06	0.25	1	48.74
P-53086	CIRCULAR	0.25	0.05	0.06	0.25	1	49.71
P-53085	CIRCULAR	0.20	0.03	0.05	0.20	1	47.48
P-53047	CIRCULAR	0.38	0.11	0.09	0.38	1	187.54
P-53041A	CIRCULAR	0.45	0.16	0.11	0.45	1	806.20
P-53040	CIRCULAR	0.38	0.11	0.09	0.38	1	487.30
P-16015A	ARCH	0.79	0.79	0.24	1.27	1	2764.59

C215	CIRCULAR	0.75	0.44	0.19	0.75	1	1219.62
P-53046	CIRCULAR	0.25	0.05	0.06	0.25	1	137.35
P-53045	CIRCULAR	0.20	0.03	0.05	0.20	1	42.68
P-53030	CIRCULAR	0.38	0.11	0.09	0.38	1	149.26
P-53035	CIRCULAR	0.25	0.05	0.06	0.25	1	161.70
P-53020	CIRCULAR	0.35	0.10	0.09	0.35	1	105.19
P-53025	CIRCULAR	0.20	0.03	0.05	0.20	1	23.20
P-53013	CIRCULAR	0.35	0.10	0.09	0.35	1	124.71
P-53015	CIRCULAR	0.20	0.03	0.05	0.20	1	23.19
P-53012	CIRCULAR	0.25	0.05	0.06	0.25	1	42.04
P-53011	CIRCULAR	0.25	0.05	0.06	0.25	1	42.05
P-53010	CIRCULAR	0.20	0.03	0.05	0.20	1	40.20
C5	CIRCULAR	0.45	0.16	0.11	0.45	1	327.84
P-53004	CIRCULAR	0.38	0.11	0.09	0.38	1	538.39
P-53003	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	7831.26
P-53002	CIRCULAR	0.45	0.16	0.11	0.45	1	238.26
P-53001	CIRCULAR	0.25	0.05	0.06	0.25	1	54.44
P-53000	CIRCULAR	0.20	0.03	0.05	0.20	1	24.52
P-11037	CIRCULAR	0.30	0.07	0.07	0.30	1	84.53
P-11036	CIRCULAR	0.20	0.03	0.05	0.20	1	32.83
P-11038	CIRCULAR	0.25	0.05	0.06	0.25	1	46.89
P-11035	CIRCULAR	0.15	0.02	0.04	0.15	1	15.24
P-11011	CIRCULAR	0.38	0.11	0.09	0.38	1	321.19
P-11010	CIRCULAR	0.38	0.11	0.09	0.38	1	207.31
P-11007	CIRCULAR	0.38	0.11	0.09	0.38	1	207.46
P-11003	CIRCULAR	0.38	0.11	0.09	0.38	1	207.42
P-11006	CIRCULAR	0.20	0.03	0.05	0.20	1	29.34
P-11002	CIRCULAR	0.20	0.03	0.05	0.20	1	27.43
P-11005	CIRCULAR	0.20	0.03	0.05	0.20	1	27.41
P-11001	CIRCULAR	0.20	0.03	0.05	0.20	1	27.41
P-11000	CIRCULAR	0.20	0.03	0.05	0.20	1	23.25
P-11017	CIRCULAR	0.25	0.05	0.06	0.25	1	44.60
P-11020	CIRCULAR	0.60	0.28	0.15	0.60	1	1243.97
P-11021	CIRCULAR	0.75	0.44	0.19	0.75	1	1781.78
P-11015	CIRCULAR	0.38	0.11	0.09	0.38	1	338.52
P-11012	CIRCULAR	0.38	0.11	0.09	0.38	1	227.52
P-11013	CIRCULAR	0.20	0.03	0.05	0.20	1	30.60
P-11031	CIRCULAR	0.20	0.03	0.05	0.20	1	46.62
P-11030	CIRCULAR	0.15	0.02	0.04	0.15	1	19.08
P-11016	CIRCULAR	0.75	0.44	0.19	0.75	1	780.45
P-11025	CIRCULAR	0.38	0.11	0.09	0.38	1	160.69
P-11032	CIRCULAR	0.20	0.03	0.05	0.20	1	55.79
P-11045	CIRCULAR	0.75	0.44	0.19	0.75	1	1177.46
P-11026	CIRCULAR	0.38	0.11	0.09	0.38	1	151.27
P-11033	CIRCULAR	0.38	0.11	0.09	0.38	1	369.31
P-11046	CIRCULAR	0.60	0.28	0.15	0.60	1	1110.69
P-11047	CIRCULAR	0.60	0.28	0.15	0.60	1	1995.39
P-11048	CIRCULAR	0.60	0.28	0.15	0.60	1	1480.37
P-11050	CIRCULAR	0.38	0.11	0.09	0.38	1	182.65
C225	CIRCULAR	0.15	0.02	0.04	0.15	1	41.87
P-11051	CIRCULAR	0.38	0.11	0.09	0.38	1	227.81
P-11040	CIRCULAR	0.45	0.16	0.11	0.45	1	285.13
P-11034	CIRCULAR	0.45	0.16	0.11	0.45	1	447.20
P-11041	CIRCULAR	0.60	0.28	0.15	0.60	1	2119.55
P-11056	CIRCULAR	0.20	0.03	0.05	0.20	1	31.99
P-11055	CIRCULAR	0.60	0.28	0.15	0.60	1	1490.05
C56	CIRCULAR	0.20	0.03	0.05	0.20	1	21.23
C55	CIRCULAR	0.68	0.36	0.17	0.68	1	1513.72
P-16023	CIRCULAR	0.75	0.44	0.19	0.75	1	692.07
C214	CIRCULAR	0.75	0.44	0.19	0.75	1	729.71
P-16022	CIRCULAR	0.75	0.44	0.19	0.75	1	971.99
P-16021	CIRCULAR	0.75	0.44	0.19	0.75	1	868.03
P-16008	CIRCULAR	0.15	0.02	0.04	0.15	1	18.04
P-16020	CIRCULAR	0.75	0.44	0.19	0.75	1	652.82
P-16016	CIRCULAR	0.75	0.44	0.19	0.75	1	642.66
P-16001	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	7955.40
P-16000	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	7976.88
P-16007	CIRCULAR	0.15	0.02	0.04	0.15	1	17.99
P-16006	CIRCULAR	0.10	0.01	0.03	0.10	1	8.42
P-16005	CIRCULAR	0.10	0.01	0.03	0.10	1	8.47
P-16009	CIRCULAR	0.25	0.05	0.06	0.25	1	100.88
P-16011	CIRCULAR	0.20	0.03	0.05	0.20	1	62.63
P-16010	CIRCULAR	0.20	0.03	0.05	0.20	1	86.68
P-16025	CIRCULAR	0.75	0.44	0.19	0.75	1	1020.85
P-16031	CIRCULAR	0.30	0.07	0.07	0.30	1	160.52
P-7282	CIRCULAR	0.30	0.07	0.07	0.30	1	188.51
P-7275	CIRCULAR	1.20	1.13	0.30	1.20	1	7652.62
P-7182	CIRCULAR	1.35	1.43	0.34	1.35	1	7880.20
C223	CIRCULAR	0.25	0.05	0.06	0.25	1	219.84

P-7280	CIRCULAR	0.30	0.07	0.07	0.30	1	164.00
P-7181	CIRCULAR	0.20	0.03	0.05	0.20	1	33.58
P-7137	CIRCULAR	0.38	0.11	0.09	0.38	1	146.46
P-7237	CIRCULAR	0.20	0.03	0.05	0.20	1	36.77
P-7236	CIRCULAR	0.20	0.03	0.05	0.20	1	53.16
P-7235	CIRCULAR	0.20	0.03	0.05	0.20	1	86.67
P-7232	CIRCULAR	0.20	0.03	0.05	0.20	1	47.54
P-7231	CIRCULAR	0.20	0.03	0.05	0.20	1	47.54
P-7229	CIRCULAR	0.60	0.28	0.15	0.60	1	825.96
P-7220	CIRCULAR	0.60	0.28	0.15	0.60	1	757.12
P-7248	CIRCULAR	0.25	0.05	0.06	0.25	1	107.34
P-7246	CIRCULAR	0.35	0.10	0.09	0.35	1	172.39
P-7243	CIRCULAR	0.30	0.07	0.07	0.30	1	162.21
P-7245	CIRCULAR	0.25	0.05	0.06	0.25	1	133.36
P-7242	CIRCULAR	0.25	0.05	0.06	0.25	1	121.76
P-7241	CIRCULAR	0.25	0.05	0.06	0.25	1	67.29
P-7240	CIRCULAR	0.25	0.05	0.06	0.25	1	103.00
P-7227	CIRCULAR	0.20	0.03	0.05	0.20	1	54.41
P-7226	CIRCULAR	0.15	0.02	0.04	0.15	1	38.83
P-7225	CIRCULAR	0.15	0.02	0.04	0.15	1	34.06
P-7228	CIRCULAR	0.20	0.03	0.05	0.20	1	46.39
P-7211	CIRCULAR	0.60	0.28	0.15	0.60	1	614.54
P-7209	CIRCULAR	0.60	0.28	0.15	0.60	1	812.70
P-7210	CIRCULAR	0.30	0.07	0.07	0.30	1	72.29
P-7219	CIRCULAR	0.30	0.07	0.07	0.30	1	127.91
P-7218	CIRCULAR	0.25	0.05	0.06	0.25	1	134.31
P-7217	CIRCULAR	0.25	0.05	0.06	0.25	1	134.30
P-7216	CIRCULAR	0.20	0.03	0.05	0.20	1	61.37
P-7215	CIRCULAR	0.20	0.03	0.05	0.20	1	24.98
P-7208	CIRCULAR	0.20	0.03	0.05	0.20	1	58.41
P-7207	CIRCULAR	0.60	0.28	0.15	0.60	1	812.11
P-7206	CIRCULAR	0.60	0.28	0.15	0.60	1	420.07
P-7205	CIRCULAR	0.60	0.28	0.15	0.60	1	458.40
P-7198	CIRCULAR	0.60	0.28	0.15	0.60	1	937.33
P-7201	CIRCULAR	0.25	0.05	0.06	0.25	1	90.78
P-7202	CIRCULAR	0.20	0.03	0.05	0.20	1	23.18
P-7200	CIRCULAR	0.20	0.03	0.05	0.20	1	49.61
P-7196	CIRCULAR	0.30	0.07	0.07	0.30	1	68.39
P-7197	CIRCULAR	0.25	0.05	0.06	0.25	1	39.45
P-7195	CIRCULAR	0.30	0.07	0.07	0.30	1	74.91
P-7194	CIRCULAR	0.25	0.05	0.06	0.25	1	111.27
P-7192	CIRCULAR	0.25	0.05	0.06	0.25	1	139.46
P-7193	CIRCULAR	0.20	0.03	0.05	0.20	1	32.80
P-7191	CIRCULAR	0.20	0.03	0.05	0.20	1	76.92
P-7190	CIRCULAR	0.25	0.05	0.06	0.25	1	114.83
P-7283	CIRCULAR	0.30	0.07	0.07	0.30	1	386.12
P-7126	CIRCULAR	0.38	0.11	0.09	0.38	1	168.16
P-7140	CIRCULAR	0.45	0.16	0.11	0.45	1	238.53
P-7138	CIRCULAR	0.45	0.16	0.11	0.45	1	237.96
P-7139	CIRCULAR	0.25	0.05	0.06	0.25	1	48.18
P-48004	CIRCULAR	0.60	0.28	0.15	0.60	1	725.63
P-48010	CIRCULAR	0.60	0.28	0.15	0.60	1	1225.49
P-48015	CIRCULAR	0.90	0.64	0.23	0.90	1	1284.63
P-50090	CIRCULAR	0.38	0.11	0.09	0.38	1	293.01
P-19126A	CIRCULAR	0.60	0.28	0.15	0.60	1	1110.20
P-19131_1	CIRCULAR	0.30	0.07	0.07	0.30	1	73.03
P-19131_2	CIRCULAR	0.30	0.07	0.07	0.30	1	36.14
P-19057A	CIRCULAR	0.45	0.16	0.11	0.45	1	90.16
C1	CIRCULAR	0.38	0.11	0.09	0.38	1	443.10
C2	CIRCULAR	0.38	0.11	0.09	0.38	1	326.28
C3	CIRCULAR	0.38	0.11	0.09	0.38	1	395.28
C4	CIRCULAR	0.38	0.11	0.09	0.38	1	264.42
P-53060_1	CIRCULAR	0.25	0.05	0.06	0.25	1	60.19
P-53060_2	CIRCULAR	0.53	0.22	0.13	0.53	1	374.16
C7	CIRCULAR	1.20	1.13	0.30	1.20	1	8416.82
C8	CIRCULAR	0.30	0.07	0.07	0.30	1	165.31
C9	CIRCULAR	0.20	0.03	0.05	0.20	1	40.17
P-7183_1	CIRCULAR	1.35	1.43	0.34	1.35	1	7980.16
P-7183_2	CIRCULAR	1.20	1.13	0.30	1.20	1	8750.69
P-7121A_2	CIRCULAR	1.50	1.77	0.38	1.50	1	7924.47
P-7169_1	CIRCULAR	0.45	0.16	0.11	0.45	1	154.54
P-7169_2	CIRCULAR	0.45	0.16	0.11	0.45	1	469.08
C13	CIRCULAR	1.05	0.87	0.26	1.05	1	2201.74
C15	CIRCULAR	0.75	0.44	0.19	0.75	1	852.72
C16	CIRCULAR	1.05	0.87	0.26	1.05	1	2834.77
C17	CIRCULAR	0.90	0.64	0.23	0.90	1	1993.10
C18	CIRCULAR	0.68	0.36	0.17	0.68	1	628.34
C19	CIRCULAR	0.38	0.11	0.09	0.38	1	207.23
C20	CIRCULAR	1.20	1.13	0.30	1.20	1	3646.46

C21	CIRCULAR	0.90	0.64	0.23	0.90	1	2313.86
C22	CIRCULAR	0.90	0.64	0.23	0.90	1	7916.07
C25	CIRCULAR	0.38	0.11	0.09	0.38	1	288.87
C26	CIRCULAR	0.30	0.07	0.07	0.30	1	72.28
C27	CIRCULAR	0.90	0.64	0.23	0.90	1	3998.81
C29	CIRCULAR	0.20	0.03	0.05	0.20	1	38.70
C30	CIRCULAR	0.90	0.64	0.23	0.90	1	1633.12
C35	CIRCULAR	0.90	0.64	0.23	0.90	1	2736.32
C36	CIRCULAR	0.90	0.64	0.23	0.90	1	3602.99
C37	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	3825.32
C38	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	7427.12
C39	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	4189.33
C40	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	4674.72
C41	CIRCULAR	0.45	0.16	0.11	0.45	1	356.64
C42	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	3805.35
C43	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	8675.28
C44	CIRCULAR	0.38	0.11	0.09	0.38	1	149.43
C45	CIRCULAR	1.00	0.79	0.25	1.00	1	2788.01
C46	CIRCULAR	0.60	0.28	0.15	0.60	1	813.28
C47	CIRCULAR	0.60	0.28	0.15	0.60	1	665.25
C48	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	2372.24
C49	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	4253.47
C50	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	2081.69
C51	CIRCULAR	0.90	0.64	0.23	0.90	1	1230.41
C53	CIRCULAR	0.75	0.44	0.19	0.75	1	1208.19
C54	CIRCULAR	0.75	0.44	0.19	0.75	1	1129.34
P-11057_1	CIRCULAR	0.60	0.28	0.15	0.60	1	1859.21
P-11057_2	CIRCULAR	0.68	0.36	0.17	0.68	1	1282.14
P-20005_1	CIRCULAR	0.20	0.03	0.05	0.20	1	34.71
P-20005_2	CIRCULAR	0.15	0.02	0.04	0.15	1	19.48
C71	CIRCULAR	0.30	0.07	0.07	0.30	1	62.37
C72	CIRCULAR	0.30	0.07	0.07	0.30	1	189.25
C73	CIRCULAR	0.25	0.05	0.06	0.25	1	71.55
P-7037_1	CIRCULAR	0.75	0.44	0.19	0.75	1	966.68
C74	CIRCULAR	0.38	0.11	0.09	0.38	1	542.73
C76	CIRCULAR	0.75	0.44	0.19	0.75	1	2040.08
C77	CIRCULAR	0.75	0.44	0.19	0.75	1	2731.81
C78	CIRCULAR	0.75	0.44	0.19	0.75	1	3264.26
C79	CIRCULAR	0.68	0.36	0.17	0.68	1	1527.24
C80	CIRCULAR	0.25	0.05	0.06	0.25	1	113.74
P-53116_1	CIRCULAR	0.45	0.16	0.11	0.45	1	385.23
P-53116_2	CIRCULAR	0.45	0.16	0.11	0.45	1	645.68
C81	CIRCULAR	0.20	0.03	0.05	0.20	1	41.20
C84	CIRCULAR	0.60	0.28	0.15	0.60	1	1082.05
C85	CIRCULAR	0.60	0.28	0.15	0.60	1	1744.70
C86	CIRCULAR	0.60	0.28	0.15	0.60	1	296.26
C87	CIRCULAR	0.75	0.44	0.19	0.75	1	465.20
C88	CIRCULAR	0.45	0.16	0.11	0.45	1	362.40
C89	CIRCULAR	0.45	0.16	0.11	0.45	1	288.60
C90	CIRCULAR	0.20	0.03	0.05	0.20	1	72.05
C91	CIRCULAR	0.38	0.11	0.09	0.38	1	290.24
C92	CIRCULAR	0.53	0.22	0.13	0.53	1	950.65
C93	CIRCULAR	0.60	0.28	0.15	0.60	1	701.10
C94	CIRCULAR	0.90	0.64	0.23	0.90	1	3174.84
C95	CIRCULAR	0.10	0.01	0.03	0.10	1	12.86
C96	CIRCULAR	0.45	0.16	0.11	0.45	1	942.56
C97	CIRCULAR	0.30	0.07	0.07	0.30	1	141.53
C98	CIRCULAR	0.30	0.07	0.07	0.30	1	335.62
C99	CIRCULAR	1.00	0.79	0.25	1.00	1	3780.17
C100	CIRCULAR	0.25	0.05	0.06	0.25	1	178.32
C101	CIRCULAR	0.25	0.05	0.06	0.25	1	118.11
C102	CIRCULAR	0.25	0.05	0.06	0.25	1	140.95
C103	CIRCULAR	0.25	0.05	0.06	0.25	1	175.26
C104	CIRCULAR	0.60	0.28	0.15	0.60	1	1271.13
C105	CIRCULAR	1.00	0.79	0.25	1.00	1	5786.61
C106	CIRCULAR	0.53	0.22	0.13	0.53	1	406.63
C107	CIRCULAR	0.53	0.22	0.13	0.53	1	826.02
C108	CIRCULAR	0.45	0.16	0.11	0.45	1	456.94
C109	CIRCULAR	0.45	0.16	0.11	0.45	1	520.93
C110	CIRCULAR	0.20	0.03	0.05	0.20	1	73.96
C111	CIRCULAR	0.20	0.03	0.05	0.20	1	66.33
C112	CIRCULAR	0.45	0.16	0.11	0.45	1	455.99
C113	CIRCULAR	1.00	0.79	0.25	1.00	1	12315.48
C114	CIRCULAR	0.45	0.16	0.11	0.45	1	430.07
C115	CIRCULAR	0.45	0.16	0.11	0.45	1	273.58
C116	CIRCULAR	0.45	0.16	0.11	0.45	1	253.89
C117	CIRCULAR	0.45	0.16	0.11	0.45	1	207.18
C118	CIRCULAR	0.20	0.03	0.05	0.20	1	40.14
C119	CIRCULAR	0.20	0.03	0.05	0.20	1	31.32

C120	CIRCULAR	0.45	0.16	0.11	0.45	1	248.46
C121	CIRCULAR	0.53	0.22	0.13	0.53	1	1033.63
C122	CIRCULAR	0.45	0.16	0.11	0.45	1	785.48
C123	CIRCULAR	0.30	0.07	0.07	0.30	1	373.60
C124	CIRCULAR	0.30	0.07	0.07	0.30	1	132.16
C125	CIRCULAR	0.30	0.07	0.07	0.30	1	211.07
C126	CIRCULAR	0.25	0.05	0.06	0.25	1	145.00
C127	CIRCULAR	0.38	0.11	0.09	0.38	1	164.14
C128	BASIC_DITCH1	1.00	2.60	0.51	4.60	1	15517.22
C129	CIRCULAR	0.38	0.11	0.09	0.38	1	241.95
C130	CIRCULAR	0.20	0.03	0.05	0.20	1	57.41
C131	CIRCULAR	0.38	0.11	0.09	0.38	1	425.85
C132	CIRCULAR	0.30	0.07	0.07	0.30	1	57.39
C133	CIRCULAR	0.25	0.05	0.06	0.25	1	51.99
C134	CIRCULAR	0.30	0.07	0.07	0.30	1	87.91
C135	CIRCULAR	0.53	0.22	0.13	0.53	1	369.57
C136	CIRCULAR	0.30	0.07	0.07	0.30	1	130.57
C137	CIRCULAR	0.53	0.22	0.13	0.53	1	269.09
C138	CIRCULAR	0.20	0.03	0.05	0.20	1	97.56
C139	CIRCULAR	0.68	0.36	0.17	0.68	1	594.43
C140	CIRCULAR	1.00	0.79	0.25	1.00	1	1976.07
C141	CIRCULAR	0.60	0.28	0.15	0.60	1	426.73
C142	CIRCULAR	0.53	0.22	0.13	0.53	1	363.88
C143	CIRCULAR	0.45	0.16	0.11	0.45	1	219.04
C144	CIRCULAR	0.53	0.22	0.13	0.53	1	347.23
C145	CIRCULAR	1.00	0.79	0.25	1.00	1	2224.84
C146	CIRCULAR	0.20	0.03	0.05	0.20	1	46.71
C147	CIRCULAR	0.20	0.03	0.05	0.20	1	28.54
C148	CIRCULAR	0.53	0.22	0.13	0.53	1	733.11
C149	CIRCULAR	0.45	0.16	0.11	0.45	1	352.31
C150	CIRCULAR	0.53	0.22	0.13	0.53	1	608.62
C151	CIRCULAR	0.53	0.22	0.13	0.53	1	729.37
C152	CIRCULAR	0.90	0.64	0.23	0.90	1	3339.71
C153	CIRCULAR	0.38	0.11	0.09	0.38	1	123.53
C154	CIRCULAR	0.25	0.05	0.06	0.25	1	51.84
C155	CIRCULAR	0.30	0.07	0.07	0.30	1	81.41
C156	CIRCULAR	0.30	0.07	0.07	0.30	1	82.33
C157	CIRCULAR	0.30	0.07	0.07	0.30	1	99.07
C158	CIRCULAR	0.30	0.07	0.07	0.30	1	115.52
C159	CIRCULAR	0.25	0.05	0.06	0.25	1	120.70
C160	CIRCULAR	0.20	0.03	0.05	0.20	1	34.26
C161	CIRCULAR	0.60	0.28	0.15	0.60	1	327.02
C162	CIRCULAR	0.30	0.07	0.07	0.30	1	75.18
C163	CIRCULAR	0.45	0.16	0.11	0.45	1	223.30
C164	CIRCULAR	0.25	0.05	0.06	0.25	1	51.71
C165	CIRCULAR	0.30	0.07	0.07	0.30	1	78.13
C166	CIRCULAR	0.30	0.07	0.07	0.30	1	91.18
C167	CIRCULAR	0.25	0.05	0.06	0.25	1	46.53
C168	CIRCULAR	0.20	0.03	0.05	0.20	1	108.03
C169	CIRCULAR	0.20	0.03	0.05	0.20	1	36.37
C170	CIRCULAR	0.38	0.11	0.09	0.38	1	150.01
C171	CIRCULAR	0.30	0.07	0.07	0.30	1	115.02
C172	CIRCULAR	0.25	0.05	0.06	0.25	1	129.41
C173	CIRCULAR	0.25	0.05	0.06	0.25	1	69.71
C174	CIRCULAR	0.20	0.03	0.05	0.20	1	30.73
C175	CIRCULAR	0.38	0.11	0.09	0.38	1	181.77
C176	CIRCULAR	0.38	0.11	0.09	0.38	1	259.56
C177	CIRCULAR	0.30	0.07	0.07	0.30	1	86.75
C178	CIRCULAR	0.25	0.05	0.06	0.25	1	59.81
C179	CIRCULAR	0.20	0.03	0.05	0.20	1	30.99
C180	CIRCULAR	0.38	0.11	0.09	0.38	1	209.64
C181	CIRCULAR	0.30	0.07	0.07	0.30	1	48.57
C180_1	CIRCULAR	0.20	0.03	0.05	0.20	1	93.77
C180_2	CIRCULAR	0.20	0.03	0.05	0.20	1	37.79
C182	CIRCULAR	0.38	0.11	0.09	0.38	1	114.24
C183	CIRCULAR	0.38	0.11	0.09	0.38	1	605.23
C184	CIRCULAR	0.30	0.07	0.07	0.30	1	111.54
C185	CIRCULAR	0.20	0.03	0.05	0.20	1	85.42
C186	CIRCULAR	0.20	0.03	0.05	0.20	1	34.40
C187	CIRCULAR	0.20	0.03	0.05	0.20	1	43.60
C188	CIRCULAR	0.25	0.05	0.06	0.25	1	51.48
C189	CIRCULAR	0.30	0.07	0.07	0.30	1	104.04
C190	CIRCULAR	0.45	0.16	0.11	0.45	1	274.47
C191	CIRCULAR	0.38	0.11	0.09	0.38	1	361.62
C192	CIRCULAR	1.00	0.79	0.25	1.00	1	7767.22
C193	CIRCULAR	0.30	0.07	0.07	0.30	1	247.69
C194	CIRCULAR	0.30	0.07	0.07	0.30	1	140.83
C195	CIRCULAR	0.30	0.07	0.07	0.30	1	131.95
C196	CIRCULAR	0.38	0.11	0.09	0.38	1	406.57

C197	CIRCULAR	0.38	0.11	0.09	0.38	1	423.68
C198	CIRCULAR	0.45	0.16	0.11	0.45	1	201.83
C199	CIRCULAR	0.45	0.16	0.11	0.45	1	667.81
P-48001_1	CIRCULAR	0.45	0.16	0.11	0.45	1	185.88
P-48001_2	CIRCULAR	0.45	0.16	0.11	0.45	1	204.10
C201	CIRCULAR	0.25	0.05	0.06	0.25	1	94.95
C202	CIRCULAR	0.25	0.05	0.06	0.25	1	55.86
C203	CIRCULAR	0.20	0.03	0.05	0.20	1	32.48
C204	CIRCULAR	0.20	0.03	0.05	0.20	1	40.48
C205	CIRCULAR	0.25	0.05	0.06	0.25	1	148.35
C206	CIRCULAR	0.20	0.03	0.05	0.20	1	80.94
C207	CIRCULAR	0.30	0.07	0.07	0.30	1	216.84
C208	TRAPEZOIDAL	0.50	0.75	0.31	2.00	1	6098.42
C210	CIRCULAR	0.25	0.05	0.06	0.25	1	90.05
C211	CIRCULAR	0.25	0.05	0.06	0.25	1	67.47
C212	CIRCULAR	0.30	0.07	0.07	0.30	1	105.10
C213	CIRCULAR	0.30	0.07	0.07	0.30	1	146.15
C216	CIRCULAR	0.25	0.05	0.06	0.25	1	78.69
C217	CIRCULAR	0.25	0.05	0.06	0.25	1	69.09
C218	CIRCULAR	0.75	0.44	0.19	0.75	1	1014.19
P-16028_1	ARCH	0.97	1.06	0.29	1.39	1	2377.82
P-16028_2	CIRCULAR	0.50	0.20	0.12	0.50	1	964.41
P-16026_2	ARCH	0.97	1.06	0.29	1.39	1	804.67
C220	CIRCULAR	0.20	0.03	0.05	0.20	1	24.58
C221	CIRCULAR	0.25	0.05	0.06	0.25	1	162.46
C222	CIRCULAR	0.30	0.07	0.07	0.30	1	80.88
P-7281_1	CIRCULAR	0.30	0.07	0.07	0.30	1	204.47
P-7281_2	CIRCULAR	0.30	0.07	0.07	0.30	1	175.44
C226	CIRCULAR	0.15	0.02	0.04	0.15	1	42.02
P-16026_3	ARCH	0.97	1.06	0.29	1.39	1	7138.45
P-16026_5	ARCH	0.97	1.06	0.29	1.39	1	814.48
C227	CIRCULAR	1.00	0.79	0.25	1.00	1	10932.81
C228_1	CIRCULAR	0.60	0.28	0.15	0.60	1	326.44
C228_2	CIRCULAR	0.60	0.28	0.15	0.60	1	350.37
C229	TRAPEZOIDAL	0.50	1.05	0.35	2.20	1	14238.44
C228	CIRCULAR	0.20	0.03	0.05	0.20	1	91.13
Q-24040	CIRCULAR	0.45	0.16	0.11	0.45	1	611.18
P-47003	TRAPEZOIDAL	0.50	0.75	0.31	2.00	1	1672.13

Transect Summary

Transect BASIC_DITCH1
Area:

0.0049	0.0105	0.0166	0.0234	0.0308
0.0388	0.0474	0.0566	0.0665	0.0769
0.0880	0.0997	0.1120	0.1249	0.1385
0.1526	0.1674	0.1828	0.1988	0.2154
0.2326	0.2505	0.2689	0.2880	0.3077
0.3280	0.3489	0.3705	0.3926	0.4154
0.4388	0.4628	0.4874	0.5126	0.5385
0.5649	0.5920	0.6197	0.6480	0.6769
0.7065	0.7366	0.7674	0.7988	0.8308
0.8634	0.8966	0.9305	0.9649	1.0000

Hrad:

0.0362	0.0681	0.0971	0.1238	0.1490
0.1730	0.1960	0.2183	0.2399	0.2611
0.2818	0.3022	0.3223	0.3421	0.3617
0.3811	0.4004	0.4195	0.4385	0.4573
0.4761	0.4947	0.5133	0.5318	0.5503
0.5687	0.5870	0.6053	0.6235	0.6417
0.6599	0.6780	0.6960	0.7141	0.7321
0.7501	0.7681	0.7860	0.8039	0.8218
0.8397	0.8576	0.8754	0.8933	0.9111
0.9289	0.9467	0.9645	0.9822	1.0000

Width:

0.1478	0.1652	0.1826	0.2000	0.2174
0.2348	0.2522	0.2696	0.2870	0.3043
0.3217	0.3391	0.3565	0.3739	0.3913
0.4087	0.4261	0.4435	0.4609	0.4783
0.4957	0.5130	0.5304	0.5478	0.5652
0.5826	0.6000	0.6174	0.6348	0.6522
0.6696	0.6870	0.7043	0.7217	0.7391
0.7565	0.7739	0.7913	0.8087	0.8261
0.8435	0.8609	0.8783	0.8957	0.9130
0.9304	0.9478	0.9652	0.9826	1.0000

Transect IndianCrk-R1

Area:

0.0060	0.0125	0.0196	0.0272	0.0354
0.0442	0.0534	0.0633	0.0736	0.0846
0.0960	0.1081	0.1206	0.1338	0.1474
0.1616	0.1764	0.1917	0.2076	0.2240
0.2410	0.2585	0.2765	0.2951	0.3143
0.3340	0.3542	0.3750	0.3964	0.4183
0.4407	0.4637	0.4873	0.5114	0.5360
0.5612	0.5869	0.6132	0.6400	0.6674
0.6954	0.7239	0.7536	0.7847	0.8171
0.8510	0.8862	0.9227	0.9607	1.0000

Hrad:

0.0330	0.0630	0.0906	0.1165	0.1409
0.1641	0.1864	0.2080	0.2289	0.2492
0.2691	0.2886	0.3077	0.3266	0.3451
0.3635	0.3816	0.3995	0.4173	0.4349
0.4524	0.4698	0.4871	0.5043	0.5213
0.5383	0.5553	0.5721	0.5889	0.6056
0.6223	0.6389	0.6555	0.6720	0.6885
0.7049	0.7213	0.7377	0.7541	0.7704
0.7867	0.8080	0.8381	0.8662	0.8924
0.9169	0.9398	0.9612	0.9812	1.0000

Width:

0.1566	0.1703	0.1840	0.1977	0.2114
0.2251	0.2389	0.2526	0.2663	0.2800
0.2937	0.3074	0.3211	0.3349	0.3486
0.3623	0.3760	0.3897	0.4034	0.4171
0.4309	0.4446	0.4583	0.4720	0.4857
0.4994	0.5131	0.5269	0.5406	0.5543
0.5680	0.5817	0.5954	0.6091	0.6229
0.6366	0.6503	0.6640	0.6777	0.6914
0.7051	0.7257	0.7600	0.7943	0.8286
0.8629	0.8971	0.9314	0.9657	1.0000

Transect IndianCrk-R2

Area:

0.0088	0.0180	0.0276	0.0376	0.0480
0.0588	0.0701	0.0817	0.0938	0.1063
0.1192	0.1325	0.1462	0.1603	0.1749
0.1898	0.2052	0.2209	0.2371	0.2537
0.2707	0.2881	0.3060	0.3242	0.3429
0.3619	0.3814	0.4013	0.4216	0.4423
0.4634	0.4849	0.5069	0.5292	0.5520
0.5752	0.5988	0.6228	0.6472	0.6720
0.6972	0.7230	0.7504	0.7799	0.8114
0.8450	0.8807	0.9184	0.9582	1.0000

Hrad:

0.0319	0.0621	0.0909	0.1184	0.1449
0.1704	0.1950	0.2189	0.2422	0.2648
0.2869	0.3085	0.3297	0.3505	0.3709
0.3910	0.4108	0.4303	0.4495	0.4685
0.4873	0.5059	0.5243	0.5425	0.5606
0.5785	0.5963	0.6139	0.6314	0.6488
0.6661	0.6833	0.7004	0.7174	0.7343
0.7511	0.7678	0.7845	0.8011	0.8177
0.8341	0.8550	0.8826	0.9069	0.9284
0.9471	0.9634	0.9775	0.9896	1.0000

Width:

0.2096	0.2192	0.2288	0.2384	0.2480
0.2576	0.2672	0.2768	0.2864	0.2960
0.3056	0.3152	0.3248	0.3344	0.3440
0.3536	0.3632	0.3728	0.3824	0.3920
0.4016	0.4112	0.4208	0.4304	0.4400
0.4496	0.4592	0.4688	0.4784	0.4880
0.4976	0.5072	0.5168	0.5264	0.5360
0.5456	0.5552	0.5648	0.5744	0.5840
0.5936	0.6160	0.6640	0.7120	0.7600
0.8080	0.8560	0.9040	0.9520	1.0000

Transect BASIC_DITCH2

Area:

0.0077	0.0160	0.0247	0.0340	0.0437
0.0540	0.0647	0.0760	0.0877	0.1000
0.1127	0.1260	0.1397	0.1540	0.1687
0.1840	0.1997	0.2160	0.2327	0.2500
0.2677	0.2860	0.3047	0.3240	0.3437
0.3640	0.3847	0.4060	0.4277	0.4500

0.4727	0.4960	0.5197	0.5440	0.5687
0.5940	0.6197	0.6460	0.6727	0.7000
0.7277	0.7560	0.7847	0.8140	0.8437
0.8740	0.9047	0.9360	0.9677	1.0000

Hrad:

0.0341	0.0658	0.0956	0.1238	0.1507
0.1764	0.2011	0.2250	0.2482	0.2708
0.2928	0.3144	0.3355	0.3562	0.3766
0.3967	0.4165	0.4360	0.4553	0.4744
0.4934	0.5121	0.5307	0.5491	0.5674
0.5856	0.6037	0.6217	0.6395	0.6573
0.6750	0.6926	0.7101	0.7276	0.7450
0.7623	0.7796	0.7968	0.8139	0.8310
0.8481	0.8651	0.8821	0.8991	0.9160
0.9328	0.9497	0.9665	0.9833	1.0000

Width:

0.2462	0.2615	0.2769	0.2923	0.3077
0.3231	0.3385	0.3538	0.3692	0.3846
0.4000	0.4154	0.4308	0.4462	0.4615
0.4769	0.4923	0.5077	0.5231	0.5385
0.5538	0.5692	0.5846	0.6000	0.6154
0.6308	0.6462	0.6615	0.6769	0.6923
0.7077	0.7231	0.7385	0.7538	0.7692
0.7846	0.8000	0.8154	0.8308	0.8462
0.8615	0.8769	0.8923	0.9077	0.9231
0.9385	0.9538	0.9692	0.9846	1.0000

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	59.912	81.745
Evaporation Loss	0.000	0.000
Infiltration Loss	18.703	25.518
Surface Runoff	38.087	51.966
Final Surface Storage	3.179	4.338
Continuity Error (%)	-0.094	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	37.939	379.393
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	37.160	371.608
Internal Outflow	0.000	0.000
Storage Losses	0.000	0.000
Initial Stored Volume	0.256	2.557
Final Stored Volume	1.142	11.422
Continuity Error (%)	-0.283	

Highest Continuity Errors

Node 24026 (6.77%)

Node J37 (-3.82%)

Node J36 (-3.79%)

Node SU4 (2.01%)

Node J137 (-1.83%)

Time-Step Critical Elements

Link C74 (96.83%)

Highest Flow Instability Indexes

Link P-53060_1 (34)

Link P-17053A (13)

Link P-7018 (13)

Link P-7355 (10)

Link P-17088 (9)

Routing Time Step Summary

Minimum Time Step : 0.50 sec
Average Time Step : 1.27 sec
Maximum Time Step : 5.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.32

Subcatchment Runoff Summary

Subcatchment	Total Precip mm	Total Runon mm	Total Evap mm	Total Infil mm	Total Runoff mm	Total Runoff 10 ⁶ ltr	Peak Runoff LPS	Runoff Coeff
S50000	81.75	0.00	0.00	28.28	48.53	0.71	28.26	0.594
S50010	81.75	0.00	0.00	27.45	49.64	0.53	21.80	0.607
S50011	81.75	0.00	0.00	27.87	49.17	0.37	15.12	0.601
S50001	81.75	0.00	0.00	31.19	45.80	0.15	6.34	0.560
S50027	81.75	0.00	0.00	25.79	51.89	0.28	12.48	0.635
S50028	81.75	0.00	0.00	28.28	49.43	0.13	5.82	0.605
S50026	81.75	0.00	0.00	27.87	49.86	0.35	15.93	0.610
S50025	81.75	0.00	0.00	27.87	49.66	0.54	24.45	0.607
S50030	81.75	0.00	0.00	27.45	49.72	0.25	10.56	0.608
S50050	81.75	0.00	0.00	27.03	50.40	0.61	26.73	0.617
S50035	81.75	0.00	0.00	27.03	50.72	0.31	14.01	0.620
S50045	81.75	0.00	0.00	27.87	49.34	0.36	15.46	0.604
S50046	81.75	0.00	0.00	26.62	51.12	0.40	18.01	0.625
S50016	81.75	0.00	0.00	17.47	60.89	0.26	11.43	0.745
S50015	81.75	0.00	0.00	27.45	49.72	0.71	30.08	0.608
S50017	81.75	0.00	0.00	20.80	57.76	0.03	1.38	0.707
S50020	81.75	0.00	0.00	27.87	49.59	0.54	23.84	0.607
S51005	81.75	0.00	0.00	15.80	62.67	0.63	28.23	0.767
S51010	81.75	0.00	0.00	18.30	59.74	0.70	30.66	0.731
S51015	81.75	0.00	0.00	16.22	62.30	0.62	28.01	0.762
S51022	81.75	0.00	0.00	20.80	57.57	0.19	8.78	0.704
S50075	81.75	0.00	0.00	28.28	49.09	0.45	19.85	0.600
S51025	81.75	0.00	0.00	29.11	48.46	0.08	3.56	0.593
S51000	81.75	0.00	0.00	27.45	49.55	0.26	10.78	0.606
S50076	81.75	0.00	0.00	27.03	50.39	0.13	5.87	0.616
S51026	81.75	0.00	0.00	27.87	49.08	0.40	16.28	0.600
S51027	81.75	0.00	0.00	28.28	48.61	0.58	23.40	0.595
S50085	81.75	0.00	0.00	27.45	50.38	0.25	11.50	0.616
S50086	81.75	0.00	0.00	26.62	51.27	0.17	7.75	0.627
S50080	81.75	0.00	0.00	27.45	50.12	0.24	10.73	0.613
S51023	81.75	0.00	0.00	20.80	57.57	0.16	7.49	0.704
S39090	81.75	0.00	0.00	12.48	66.62	0.08	3.58	0.815
S39075	81.75	0.00	0.00	25.79	51.43	0.16	6.63	0.629
S51040	81.75	0.00	0.00	27.87	49.35	0.85	36.12	0.604
S39085	81.75	0.00	0.00	25.79	51.67	0.18	7.71	0.632
S50095	81.75	0.00	0.00	27.45	50.38	0.32	14.88	0.616
S50105	81.75	0.00	0.00	27.45	50.26	0.34	15.41	0.615
S51030	81.75	0.00	0.00	27.03	50.28	0.19	8.09	0.615
S51035	81.75	0.00	0.00	26.62	50.74	0.27	11.55	0.621
S39095	81.75	0.00	0.00	16.22	62.69	0.32	14.62	0.767
S39080	81.75	0.00	0.00	26.62	50.74	0.16	6.75	0.621
S50064	81.75	0.00	0.00	26.62	50.74	0.17	7.14	0.621
S50100	81.75	0.00	0.00	26.62	51.04	0.27	12.04	0.624
S50065	81.75	0.00	0.00	27.03	50.57	0.20	8.80	0.619
S50145	81.75	0.00	0.00	12.48	66.75	0.15	6.97	0.817
S39000	81.75	0.00	0.00	25.79	51.32	3.47	141.16	0.628
S52000	81.75	0.00	0.00	33.27	40.13	2.92	73.11	0.491
S50106	81.75	0.00	0.00	27.03	50.84	0.13	5.82	0.622
S7125	81.75	0.00	0.00	26.20	51.44	0.40	18.06	0.629
S7135	81.75	0.00	0.00	27.45	50.18	0.27	12.14	0.614
S7136	81.75	0.00	0.00	27.03	50.64	0.49	22.33	0.619
S50111	81.75	0.00	0.00	27.03	50.82	0.24	10.95	0.622
S50121	81.75	0.00	0.00	28.28	49.20	0.25	11.03	0.602
S50122	81.75	0.00	0.00	39.51	36.15	0.17	6.20	0.442
S50110	81.75	0.00	0.00	27.87	49.48	0.25	11.04	0.605
S7026	81.75	0.00	0.00	12.48	66.44	0.70	31.62	0.813
S50120	81.75	0.00	0.00	27.03	50.43	0.21	9.10	0.617
S50115	81.75	0.00	0.00	23.71	54.41	0.12	5.34	0.666

S49000	81.75	0.00	0.00	6.65	72.66	0.80	35.90	0.889
S49002	81.75	0.00	0.00	7.07	72.25	0.70	31.31	0.884
S7126	81.75	0.00	0.00	15.80	62.84	0.37	16.77	0.769
S7137	81.75	0.00	0.00	27.03	50.58	0.17	7.46	0.619
S7036	81.75	0.00	0.00	12.89	65.79	1.43	64.22	0.805
S50130	81.75	0.00	0.00	29.11	48.63	0.10	4.48	0.595
S7070	81.75	0.00	0.00	22.87	54.42	1.69	68.99	0.666
S7127	81.75	0.00	0.00	25.79	52.13	0.10	4.38	0.638
S7139	81.75	0.00	0.00	27.45	50.18	0.33	15.02	0.614
S7074	81.75	0.00	0.00	12.48	65.88	1.76	77.11	0.806
S7128	81.75	0.00	0.00	28.70	48.68	0.13	5.98	0.596
S50150	81.75	0.00	0.00	34.10	42.59	0.17	7.43	0.521
S50141	81.75	0.00	0.00	27.45	50.01	0.18	7.79	0.612
S50140	81.75	0.00	0.00	27.45	50.23	0.26	11.85	0.614
S7140	81.75	0.00	0.00	27.03	50.70	0.13	6.03	0.620
S49001	81.75	0.00	0.00	7.07	72.20	0.89	40.16	0.883
S7028	81.75	0.00	0.00	9.15	70.00	0.56	25.12	0.856
S7129	81.75	0.00	0.00	18.30	60.31	0.53	23.95	0.738
S50135	81.75	0.00	0.00	27.03	50.80	0.57	26.21	0.621
S7075	81.75	0.00	0.00	4.16	74.82	2.18	98.28	0.915
S7037	81.75	0.00	0.00	9.98	69.39	0.16	7.03	0.849
S7142	81.75	0.00	0.00	12.48	66.67	0.10	4.64	0.816
S7141	81.75	0.00	0.00	12.48	66.67	0.13	5.94	0.816
S50149	81.75	0.00	0.00	29.11	48.05	0.17	7.48	0.588
S7050	81.75	0.00	0.00	12.48	66.37	0.67	30.16	0.812
S48000	81.75	0.00	0.00	12.48	66.30	0.29	12.92	0.811
S7146	81.75	0.00	0.00	27.45	50.24	0.24	11.12	0.615
S7040	81.75	0.00	0.00	13.72	64.98	0.82	36.76	0.795
S7147	81.75	0.00	0.00	16.64	61.86	0.66	29.57	0.757
S48001	81.75	0.00	0.00	21.63	56.15	0.72	31.04	0.687
S7041	81.75	0.00	0.00	5.41	74.00	0.46	20.84	0.905
S7166	81.75	0.00	0.00	5.41	74.04	2.24	100.69	0.906
S48003	81.75	0.00	0.00	34.94	40.62	3.56	116.18	0.497
S50148	81.75	0.00	0.00	21.63	56.34	0.33	14.45	0.689
S7042	81.75	0.00	0.00	8.73	70.41	0.21	9.32	0.861
S7038	81.75	0.00	0.00	7.90	71.63	0.20	8.98	0.876
S7145	81.75	0.00	0.00	26.62	51.16	0.15	6.97	0.626
S50146	81.75	0.00	0.00	18.72	59.86	0.42	19.15	0.732
S48010	81.75	0.00	0.00	12.48	66.62	0.16	7.17	0.815
S48011	81.75	0.00	0.00	12.48	66.62	0.12	5.27	0.815
S48015	81.75	0.00	0.00	12.48	66.62	0.08	3.46	0.815
S7151	81.75	0.00	0.00	25.79	51.94	0.08	3.76	0.635
S7148	81.75	0.00	0.00	17.47	61.09	0.61	27.65	0.747
S48005	81.75	0.00	0.00	37.43	38.32	0.69	24.63	0.469
S7162	81.75	0.00	0.00	17.05	61.17	1.82	80.28	0.748
S47015	81.75	0.00	0.00	28.28	49.01	0.41	17.84	0.600
S47020	81.75	0.00	0.00	26.20	51.30	0.12	5.15	0.628
S7150	81.75	0.00	0.00	27.03	50.70	0.10	4.68	0.620
S7051	81.75	0.00	0.00	26.20	51.49	0.27	12.03	0.630
S46002	81.75	0.00	0.00	28.28	48.79	0.25	10.45	0.597
S7152	81.75	0.00	0.00	26.62	50.98	0.27	12.12	0.624
S53000	81.75	0.00	0.00	19.96	58.13	0.41	18.33	0.711
S7153	81.75	0.00	0.00	27.87	49.66	0.27	12.27	0.608
S39001	81.75	0.00	0.00	22.46	55.74	0.47	21.44	0.682
S39005	81.75	0.00	0.00	27.87	49.85	0.56	25.75	0.610
S7071	81.75	0.00	0.00	27.03	50.28	0.37	15.99	0.615
S7043	81.75	0.00	0.00	12.48	66.41	1.04	46.92	0.812
S39010	81.75	0.00	0.00	25.79	51.95	0.26	11.94	0.636
S53001	81.75	0.00	0.00	22.04	55.91	0.27	12.04	0.684
S53002	81.75	0.00	0.00	16.64	61.93	0.40	17.89	0.758
S47021	81.75	0.00	0.00	25.37	52.22	0.07	3.08	0.639
S7076	81.75	0.00	0.00	27.03	50.45	0.57	25.15	0.617
S7052	81.75	0.00	0.00	29.11	48.43	0.09	4.15	0.592
S32070_1	81.75	0.00	0.00	27.03	51.08	0.03	1.54	0.625
S7155	81.75	0.00	0.00	25.37	52.47	0.21	9.76	0.642
S7158	81.75	0.00	0.00	14.14	64.51	0.70	31.49	0.789
S42000	81.75	0.00	0.00	26.62	50.74	0.56	24.18	0.621
S7072	81.75	0.00	0.00	20.80	57.70	0.05	2.35	0.706
S47011	81.75	0.00	0.00	27.03	50.85	0.31	14.50	0.622
S39006	81.75	0.00	0.00	26.20	51.75	0.27	12.25	0.633
S41000	81.75	0.00	0.00	27.03	50.48	0.56	24.69	0.617
S53003	81.75	0.00	0.00	12.48	66.62	0.17	7.83	0.815
S53005	81.75	0.00	0.00	13.72	64.99	1.17	52.45	0.795
S53011	81.75	0.00	0.00	31.19	45.03	0.47	17.23	0.551
S39015	81.75	0.00	0.00	24.12	53.69	0.13	5.84	0.657
S53012_1	81.75	0.00	0.00	27.03	50.38	0.37	16.00	0.616
S7053	81.75	0.00	0.00	29.11	48.43	0.04	1.64	0.592
S39020	81.75	0.00	0.00	26.62	51.10	0.18	8.13	0.625
S7055	81.75	0.00	0.00	27.03	50.51	0.37	16.33	0.618

S7056	81.75	0.00	0.00	25.37	52.35	0.20	9.13	0.640
S44000	81.75	0.00	0.00	27.87	49.08	0.30	12.20	0.600
S53025	81.75	0.00	0.00	27.45	49.72	0.47	19.75	0.608
S53045	81.75	0.00	0.00	27.45	49.91	0.15	6.43	0.611
S53046	81.75	0.00	0.00	25.79	52.14	0.20	9.41	0.638
S47010	81.75	0.00	0.00	27.03	50.70	0.21	9.41	0.620
S53055	81.75	0.00	0.00	12.48	66.73	0.19	8.51	0.816
S7156	81.75	0.00	0.00	26.20	51.63	0.30	13.78	0.632
S39046	81.75	0.00	0.00	31.19	43.26	0.32	9.28	0.529
S39025	81.75	0.00	0.00	27.87	49.41	0.33	14.14	0.604
S39021	81.75	0.00	0.00	27.03	50.67	0.25	11.31	0.620
S39002	81.75	0.00	0.00	25.79	52.00	0.63	28.83	0.636
S53047	81.75	0.00	0.00	17.88	60.12	1.57	67.79	0.735
S53015	81.75	0.00	0.00	26.62	50.65	0.50	21.31	0.620
S39007	81.75	0.00	0.00	27.45	50.22	0.58	26.51	0.614
S7044	81.75	0.00	0.00	34.10	42.72	0.45	19.65	0.523
S47002	81.75	0.00	0.00	37.43	38.01	0.39	12.96	0.465
S47006	81.75	0.00	0.00	24.95	53.05	0.27	12.40	0.649
S39040	81.75	0.00	0.00	27.87	49.48	0.34	15.02	0.605
S7060	81.75	0.00	0.00	29.11	48.51	0.06	2.80	0.593
S19006	81.75	0.00	0.00	27.45	50.09	0.45	20.39	0.613
S7087	81.75	0.00	0.00	28.28	48.56	1.87	74.87	0.594
S7057	81.75	0.00	0.00	29.11	48.51	0.03	1.48	0.593
S7061	81.75	0.00	0.00	29.11	48.51	0.03	1.43	0.593
S7062	81.75	0.00	0.00	29.11	48.51	0.06	2.89	0.593
S7159	81.75	0.00	0.00	27.45	50.18	0.32	14.51	0.614
S7065	81.75	0.00	0.00	27.87	49.35	0.56	24.04	0.604
S7157	81.75	0.00	0.00	26.62	51.22	0.51	23.41	0.627
S39030	81.75	0.00	0.00	27.03	50.79	0.51	23.71	0.621
S135	81.75	0.00	0.00	27.03	50.38	0.44	19.13	0.616
S7077	81.75	0.00	0.00	27.03	50.45	0.40	17.59	0.617
S19013	81.75	0.00	0.00	27.45	49.09	1.81	67.80	0.601
S7063	81.75	0.00	0.00	29.11	48.51	0.07	3.34	0.593
S7170	81.75	0.00	0.00	8.32	71.00	0.77	34.56	0.869
S7100	81.75	0.00	0.00	34.94	41.24	0.96	36.83	0.505
S41001	81.75	0.00	0.00	27.03	50.48	0.58	25.94	0.617
S39045	81.75	0.00	0.00	27.45	49.72	0.48	20.17	0.608
S7045	81.75	0.00	0.00	31.61	45.63	0.32	14.72	0.558
S19011	81.75	0.00	0.00	27.45	50.12	0.50	22.74	0.613
S42001	81.75	0.00	0.00	26.62	50.74	0.31	13.50	0.621
S19012	81.75	0.00	0.00	27.03	50.58	0.41	18.38	0.619
S39035	81.75	0.00	0.00	27.45	49.72	0.25	10.67	0.608
S7168	81.75	0.00	0.00	24.54	53.43	0.22	9.87	0.654
S53010_1	81.75	0.00	0.00	27.03	51.02	0.04	1.87	0.624
S53020	81.75	0.00	0.00	26.62	50.74	0.36	15.68	0.621
S53030	81.75	0.00	0.00	26.62	50.74	0.26	11.18	0.621
S7066	81.75	0.00	0.00	25.37	52.47	0.21	9.35	0.642
S7160	81.75	0.00	0.00	27.45	50.18	0.33	14.76	0.614
S53035	81.75	0.00	0.00	27.03	50.55	0.09	4.09	0.618
S39003	81.75	0.00	0.00	25.37	52.42	0.62	27.97	0.641
S53040	81.75	0.00	0.00	22.87	54.99	0.12	5.42	0.673
S47005	81.75	0.00	0.00	25.79	52.21	0.51	23.61	0.639
S39008	81.75	0.00	0.00	27.03	50.40	0.17	7.28	0.617
S43005	81.75	0.00	0.00	27.03	50.19	0.62	26.17	0.614
S39047	81.75	0.00	0.00	26.62	51.21	0.12	5.74	0.626
S53061	81.75	0.00	0.00	12.48	66.62	0.06	2.74	0.815
S7067	81.75	0.00	0.00	27.03	50.51	0.39	17.53	0.618
S43010	81.75	0.00	0.00	27.45	50.26	0.68	31.32	0.615
S53041	81.75	0.00	0.00	29.11	48.16	0.34	15.00	0.589
S53065	81.75	0.00	0.00	27.87	48.96	0.46	18.27	0.599
S7165	81.75	0.00	0.00	27.45	50.32	0.41	18.97	0.616
S53085	81.75	0.00	0.00	26.20	51.43	0.50	22.39	0.629
S7110	81.75	0.00	0.00	26.20	51.50	0.51	22.81	0.630
S7078	81.75	0.00	0.00	27.03	49.03	0.88	30.96	0.600
S39050	81.75	0.00	0.00	27.45	50.26	0.52	23.84	0.615
S53080	81.75	0.00	0.00	12.48	66.45	0.37	16.54	0.813
S53200	81.75	0.00	0.00	12.48	66.45	0.29	13.19	0.813
S19025	81.75	0.00	0.00	25.79	52.14	0.13	6.13	0.638
S19026	81.75	0.00	0.00	27.45	50.31	0.35	15.93	0.615
S53160	81.75	0.00	0.00	12.48	66.43	0.87	39.17	0.813
S19029	81.75	0.00	0.00	27.45	50.31	0.38	17.43	0.615
S53180	81.75	0.00	0.00	12.48	66.21	0.43	19.30	0.810
S19028	81.75	0.00	0.00	27.03	50.77	0.49	22.75	0.621
S36015	81.75	0.00	0.00	26.62	50.87	0.27	11.86	0.622
S53095	81.75	0.00	0.00	27.03	50.40	0.65	28.68	0.617
S19093	81.75	0.00	0.00	22.87	54.74	1.71	73.10	0.670
S36005	81.75	0.00	0.00	27.45	49.94	0.53	23.13	0.611
S7083	81.75	0.00	0.00	26.62	51.23	0.28	12.98	0.627
S36060	81.75	0.00	0.00	27.03	50.28	0.33	14.22	0.615

S53096	81.75	0.00	0.00	26.62	50.65	0.28	11.67	0.620
S7085	81.75	0.00	0.00	26.20	51.76	0.42	19.26	0.633
S41002	81.75	0.00	0.00	27.45	50.01	0.28	12.36	0.612
S53070	81.75	0.00	0.00	12.48	66.62	0.13	5.78	0.815
S7046	81.75	0.00	0.00	22.87	55.32	0.44	20.29	0.677
S7064	81.75	0.00	0.00	28.70	48.81	0.21	9.50	0.597
S7111	81.75	0.00	0.00	26.62	51.18	0.39	17.69	0.626
S53081	81.75	0.00	0.00	12.48	66.43	0.79	35.55	0.813
S53100	81.75	0.00	0.00	29.11	48.17	0.72	31.87	0.589
S53075	81.75	0.00	0.00	12.48	66.35	0.57	25.58	0.812
S47000	81.75	0.00	0.00	29.11	48.28	0.20	9.09	0.591
S7080	81.75	0.00	0.00	25.79	52.13	0.20	9.36	0.638
S7115	81.75	0.00	0.00	27.03	50.64	0.33	15.04	0.619
S7086	81.75	0.00	0.00	25.37	52.67	0.19	8.91	0.644
S39051	81.75	0.00	0.00	26.62	51.03	0.21	9.62	0.624
S36016	81.75	0.00	0.00	27.45	50.12	0.20	8.97	0.613
S7101	81.75	0.00	0.00	26.20	51.72	0.24	10.94	0.633
S53161	81.75	0.00	0.00	12.48	66.69	0.14	6.42	0.816
S53097	81.75	0.00	0.00	25.37	52.31	0.19	8.31	0.640
S19014	81.75	0.00	0.00	26.62	51.18	0.16	7.41	0.626
S53071	81.75	0.00	0.00	12.48	66.62	0.07	3.04	0.815
S7175	81.75	0.00	0.00	27.45	50.18	0.55	24.88	0.614
S7176	81.75	0.00	0.00	28.28	49.20	0.24	11.00	0.602
S7068	81.75	0.00	0.00	26.20	51.49	0.19	8.71	0.630
S19030	81.75	0.00	0.00	29.11	48.12	0.72	31.57	0.589
S39055	81.75	0.00	0.00	24.54	53.05	0.35	15.22	0.649
S19016	81.75	0.00	0.00	26.62	50.94	0.54	23.86	0.623
S53155	81.75	0.00	0.00	9.57	69.65	0.73	32.69	0.852
S19040	81.75	0.00	0.00	27.03	50.63	0.28	12.91	0.619
S7090	81.75	0.00	0.00	27.03	50.76	0.59	26.98	0.621
S53087	81.75	0.00	0.00	27.45	49.72	0.45	18.74	0.608
S40016	81.75	0.00	0.00	27.87	49.81	0.20	9.29	0.609
S7102	81.75	0.00	0.00	27.03	50.76	0.59	26.91	0.621
S40017	81.75	0.00	0.00	27.45	50.22	0.47	21.62	0.614
S7091	81.75	0.00	0.00	27.03	50.76	0.36	16.38	0.621
S53088	81.75	0.00	0.00	26.62	50.87	0.41	18.05	0.622
S36017	81.75	0.00	0.00	27.03	50.72	0.20	8.97	0.620
S53185	81.75	0.00	0.00	16.22	62.20	0.27	11.96	0.761
S53089	81.75	0.00	0.00	27.03	50.40	0.36	16.00	0.617
S7092	81.75	0.00	0.00	27.03	50.76	0.18	8.40	0.621
S20001_1	81.75	0.00	0.00	34.52	42.89	0.18	8.43	0.525
S53086	81.75	0.00	0.00	20.80	57.08	0.17	7.26	0.698
S40020	81.75	0.00	0.00	25.37	52.61	0.07	3.14	0.644
S53101	81.75	0.00	0.00	18.30	60.00	1.14	50.91	0.734
S7103	81.75	0.00	0.00	27.45	50.40	0.14	6.34	0.617
S7095	81.75	0.00	0.00	27.03	50.96	0.05	2.15	0.623
S7069	81.75	0.00	0.00	23.71	54.19	0.37	16.72	0.663
S19015	81.75	0.00	0.00	26.62	51.18	0.08	3.87	0.626
S40015	81.75	0.00	0.00	25.79	52.13	0.23	10.72	0.638
S53170	81.75	0.00	0.00	13.31	65.61	0.70	31.75	0.803
S7177	81.75	0.00	0.00	13.72	65.14	0.77	34.70	0.797
S7096	81.75	0.00	0.00	29.11	48.69	0.11	4.95	0.596
S36020	81.75	0.00	0.00	26.62	51.37	0.29	13.22	0.628
S40010	81.75	0.00	0.00	26.20	51.21	0.32	13.88	0.626
S36010	81.75	0.00	0.00	26.62	51.33	0.28	13.13	0.628
S19042	81.75	0.00	0.00	26.62	51.23	0.28	12.93	0.627
S36001	81.75	0.00	0.00	26.62	51.18	0.19	8.91	0.626
S53150	81.75	0.00	0.00	12.48	66.68	0.15	6.57	0.816
S39061	81.75	0.00	0.00	27.87	49.55	0.18	8.13	0.606
S36000	81.75	0.00	0.00	22.46	55.62	0.17	7.78	0.680
S19101	81.75	0.00	0.00	24.12	54.05	0.11	5.03	0.661
S53167	81.75	0.00	0.00	12.48	66.21	0.05	2.46	0.810
S7104	81.75	0.00	0.00	29.11	48.48	0.12	5.62	0.593
S19092	81.75	0.00	0.00	27.03	50.63	0.20	8.96	0.619
S19091	81.75	0.00	0.00	27.87	49.71	0.43	19.56	0.608
S19090	81.75	0.00	0.00	27.87	49.71	0.31	14.11	0.608
S7118	81.75	0.00	0.00	26.62	51.16	0.23	10.69	0.626
S7116	81.75	0.00	0.00	29.11	48.41	0.08	3.81	0.592
S37005	81.75	0.00	0.00	27.45	49.81	0.38	16.18	0.609
S7190	81.75	0.00	0.00	31.19	45.97	0.50	22.33	0.562
S7191	81.75	0.00	0.00	34.10	43.02	0.39	18.04	0.526
S53166	81.75	0.00	0.00	27.45	49.55	0.26	10.60	0.606
S7193	81.75	0.00	0.00	27.45	50.30	0.53	24.31	0.615
S19020	81.75	0.00	0.00	39.51	36.41	0.58	23.06	0.445
S19017	81.75	0.00	0.00	25.37	52.59	0.08	3.89	0.643
S53115	81.75	0.00	0.00	13.72	64.40	1.69	73.04	0.788
S37001	81.75	0.00	0.00	24.95	53.17	0.08	3.78	0.650
S19103	81.75	0.00	0.00	27.03	50.68	0.43	19.57	0.620
S7194	81.75	0.00	0.00	26.62	51.21	0.41	18.72	0.626

S53130	81.75	0.00	0.00	26.62	50.94	0.51	22.81	0.623
S19043	81.75	0.00	0.00	29.11	48.48	0.09	3.95	0.593
S40001	81.75	0.00	0.00	27.45	50.26	0.42	19.12	0.615
S38000	81.75	0.00	0.00	24.54	53.23	0.42	18.89	0.651
S40002	81.75	0.00	0.00	27.45	50.29	0.29	13.46	0.615
S7120	81.75	0.00	0.00	27.45	50.02	0.45	19.99	0.612
S53131	81.75	0.00	0.00	32.02	44.92	0.43	18.77	0.550
S37002	81.75	0.00	0.00	27.45	49.81	0.33	13.96	0.609
S7121	81.75	0.00	0.00	27.45	50.02	0.50	22.41	0.612
S36031	81.75	0.00	0.00	25.37	52.69	0.07	3.14	0.645
S7105	81.75	0.00	0.00	19.55	59.05	0.20	9.26	0.722
S36035	81.75	0.00	0.00	27.45	50.15	0.65	29.25	0.613
S7106	81.75	0.00	0.00	27.45	50.36	0.26	12.23	0.616
S7107	81.75	0.00	0.00	27.45	50.36	0.27	12.44	0.616
S19104	81.75	0.00	0.00	24.54	53.59	0.20	9.40	0.656
S36050	81.75	0.00	0.00	27.87	49.93	0.83	38.39	0.611
S53110	81.75	0.00	0.00	23.29	55.01	0.07	3.17	0.673
S19021	81.75	0.00	0.00	27.03	50.57	0.23	10.47	0.619
S19018	81.75	0.00	0.00	24.54	53.50	0.10	4.54	0.655
S53165	81.75	0.00	0.00	27.87	49.74	0.08	3.78	0.608
S19032	81.75	0.00	0.00	20.80	57.56	0.52	23.91	0.704
S40000	81.75	0.00	0.00	26.62	50.65	0.13	5.58	0.620
S7192	81.75	0.00	0.00	34.10	42.60	0.66	28.43	0.521
S53305	81.75	0.00	0.00	25.37	52.59	0.26	12.10	0.643
S19044	81.75	0.00	0.00	24.95	53.05	0.38	17.22	0.649
S53105	81.75	0.00	0.00	13.31	65.63	0.55	24.95	0.803
S19050	81.75	0.00	0.00	25.79	51.90	0.52	23.54	0.635
S35000	81.75	0.00	0.00	24.95	52.52	0.34	14.59	0.642
S19095	81.75	0.00	0.00	29.11	48.33	0.47	21.25	0.591
S53145	81.75	0.00	0.00	24.95	53.05	0.42	19.38	0.649
S53310	81.75	0.00	0.00	24.54	53.50	0.18	8.10	0.655
S40005	81.75	0.00	0.00	26.62	50.74	0.22	9.43	0.621
S36045	81.75	0.00	0.00	21.21	57.19	0.94	43.08	0.700
S53120	81.75	0.00	0.00	26.62	50.65	0.36	15.45	0.620
S7178	81.75	0.00	0.00	19.55	58.59	1.48	66.00	0.717
S35001	81.75	0.00	0.00	22.87	55.02	0.27	12.11	0.673
S7201	81.75	0.00	0.00	25.79	52.17	0.14	6.27	0.638
S7200	81.75	0.00	0.00	27.03	50.68	0.77	34.96	0.620
S19024	81.75	0.00	0.00	12.48	66.73	0.17	7.90	0.816
S7202	81.75	0.00	0.00	27.87	49.76	0.37	16.66	0.609
S7205	81.75	0.00	0.00	27.87	49.76	0.69	31.65	0.609
S19075	81.75	0.00	0.00	27.87	49.75	0.57	25.99	0.609
S35003	81.75	0.00	0.00	24.54	53.50	0.22	10.18	0.654
S19060	81.75	0.00	0.00	20.38	58.07	0.17	7.80	0.710
S7207	81.75	0.00	0.00	27.87	49.76	0.30	13.46	0.609
S7208	81.75	0.00	0.00	27.87	49.76	0.74	33.62	0.609
S19108	81.75	0.00	0.00	27.03	50.63	0.51	23.03	0.619
S19107	81.75	0.00	0.00	12.48	66.69	0.09	4.10	0.816
S35005	81.75	0.00	0.00	18.72	59.86	0.14	6.16	0.732
S19051	81.75	0.00	0.00	39.51	36.31	0.27	10.45	0.444
S35004	81.75	0.00	0.00	23.71	54.41	0.30	13.64	0.666
S19065	81.75	0.00	0.00	12.48	66.53	0.90	40.81	0.814
S19105	81.75	0.00	0.00	19.13	59.48	0.14	6.46	0.728
S53136	81.75	0.00	0.00	22.46	55.80	0.09	4.27	0.683
S32005	81.75	0.00	0.00	27.45	50.40	0.21	9.56	0.617
S32000	81.75	0.00	0.00	27.87	49.59	0.93	41.36	0.607
S53140	81.75	0.00	0.00	26.20	51.21	0.23	10.05	0.626
S53320	81.75	0.00	0.00	29.11	48.54	0.28	12.76	0.594
S19062	81.75	0.00	0.00	26.62	51.20	0.21	9.80	0.626
S35006	81.75	0.00	0.00	12.48	66.73	0.08	3.74	0.816
S32007	81.75	0.00	0.00	27.45	49.87	0.25	11.03	0.610
S7209	81.75	0.00	0.00	26.20	51.63	0.30	13.69	0.632
S19076	81.75	0.00	0.00	26.62	51.18	0.45	20.55	0.626
S32035	81.75	0.00	0.00	22.04	55.99	0.21	9.41	0.685
S19055	81.75	0.00	0.00	39.51	36.31	0.29	10.94	0.444
S19063	81.75	0.00	0.00	29.11	48.59	0.05	2.10	0.594
S7181	81.75	0.00	0.00	17.47	60.92	1.10	49.43	0.745
S24000	81.75	0.00	0.00	27.87	50.05	0.30	13.78	0.612
S7215	81.75	0.00	0.00	27.45	50.16	0.50	22.47	0.614
S54015	81.75	0.00	0.00	34.52	41.53	1.71	62.72	0.508
S24025	81.75	0.00	0.00	20.80	57.83	0.14	6.52	0.707
S7216	81.75	0.00	0.00	27.45	50.22	0.44	20.00	0.614
S20000	81.75	0.00	0.00	29.11	48.54	0.20	9.36	0.594
S19081	81.75	0.00	0.00	27.03	50.72	0.27	12.18	0.620
S19064	81.75	0.00	0.00	27.45	50.28	0.24	11.24	0.615
S7210	81.75	0.00	0.00	26.62	51.04	0.33	14.98	0.624
S19114	81.75	0.00	0.00	29.11	48.56	0.11	4.93	0.594
S19077	81.75	0.00	0.00	29.11	48.49	0.11	4.98	0.593
S34000	81.75	0.00	0.00	25.79	51.86	0.07	3.17	0.634

S34001	81.75	0.00	0.00	26.62	51.23	0.13	5.82	0.627
S34005	81.75	0.00	0.00	14.97	63.63	0.18	8.02	0.778
S24001	81.75	0.00	0.00	26.20	51.78	0.13	5.89	0.633
S24006	81.75	0.00	0.00	24.54	53.60	0.11	5.19	0.656
S24005	81.75	0.00	0.00	28.70	49.10	0.29	13.68	0.601
S19080	81.75	0.00	0.00	26.62	51.18	0.50	23.02	0.626
S19110	81.75	0.00	0.00	27.45	50.01	0.30	13.24	0.612
S19120	81.75	0.00	0.00	24.54	53.65	0.12	5.72	0.656
S19082	81.75	0.00	0.00	26.62	51.18	0.20	9.14	0.626
S19066	81.75	0.00	0.00	29.11	48.59	0.03	1.62	0.594
S19123	81.75	0.00	0.00	20.38	57.62	0.36	15.92	0.705
S19083	81.75	0.00	0.00	27.03	50.72	0.35	16.20	0.620
S19115	81.75	0.00	0.00	26.20	51.84	0.11	4.94	0.634
S19056	81.75	0.00	0.00	39.51	37.57	0.02	1.00	0.460
S19057	81.75	0.00	0.00	34.10	42.96	0.17	7.82	0.525
S19122	81.75	0.00	0.00	14.14	64.49	0.99	44.58	0.789
S32031	81.75	0.00	0.00	27.45	50.22	0.12	5.50	0.614
S32032	81.75	0.00	0.00	25.37	52.51	0.09	3.93	0.642
S32050	81.75	0.00	0.00	22.46	55.48	0.25	11.13	0.679
S24010	81.75	0.00	0.00	27.03	50.87	0.26	12.13	0.622
S32055	81.75	0.00	0.00	27.45	50.01	0.20	8.79	0.612
S7220	81.75	0.00	0.00	27.03	50.64	0.26	11.84	0.619
S19067	81.75	0.00	0.00	29.11	48.52	0.13	6.12	0.594
S7280	81.75	0.00	0.00	27.03	50.59	0.35	15.81	0.619
S20006	81.75	0.00	0.00	26.20	51.68	0.34	15.84	0.632
S7231	81.75	0.00	0.00	26.62	51.26	0.28	12.99	0.627
S34011	81.75	0.00	0.00	29.11	47.85	0.35	14.52	0.585
S7182	81.75	0.00	0.00	23.29	54.83	0.39	17.92	0.671
S20005	81.75	0.00	0.00	26.62	51.23	0.65	29.94	0.627
S34010	81.75	0.00	0.00	29.11	48.37	0.20	9.01	0.592
S7235	81.75	0.00	0.00	26.62	51.18	0.13	6.07	0.626
S7225	81.75	0.00	0.00	26.20	51.67	0.55	25.05	0.632
S19085	81.75	0.00	0.00	26.62	51.04	0.33	14.78	0.624
S32065	81.75	0.00	0.00	27.45	50.18	0.38	17.06	0.614
S10000	81.75	0.00	0.00	27.45	50.16	0.77	35.07	0.614
S7226	81.75	0.00	0.00	27.45	50.30	0.19	8.74	0.615
S20010	81.75	0.00	0.00	26.62	51.27	0.14	6.53	0.627
S24015	81.75	0.00	0.00	26.62	51.33	0.44	20.13	0.628
S11000	81.75	0.00	0.00	31.19	45.44	0.54	21.39	0.556
S32060	81.75	0.00	0.00	27.03	50.55	0.30	13.67	0.618
S7227	81.75	0.00	0.00	27.45	50.16	0.24	10.93	0.614
S32075	81.75	0.00	0.00	27.87	49.81	0.22	9.95	0.609
S7237	81.75	0.00	0.00	12.48	66.66	0.17	7.90	0.816
S32076	81.75	0.00	0.00	27.87	49.75	0.23	10.64	0.609
S7236	81.75	0.00	0.00	12.48	66.66	0.38	17.06	0.816
S19121	81.75	0.00	0.00	14.14	64.49	1.15	51.72	0.789
S6	81.75	0.00	0.00	27.45	50.43	0.15	7.10	0.617
S19086	81.75	0.00	0.00	25.79	51.96	0.26	11.55	0.636
S19125	81.75	0.00	0.00	26.62	51.18	0.14	6.42	0.626
S20013	81.75	0.00	0.00	29.11	48.54	0.04	1.68	0.594
S20011	81.75	0.00	0.00	29.11	48.54	0.44	20.52	0.594
S7228	81.75	0.00	0.00	27.03	50.63	0.12	5.24	0.619
S7240	81.75	0.00	0.00	27.45	50.26	0.47	21.35	0.615
S20014	81.75	0.00	0.00	27.03	50.82	0.06	2.98	0.622
S24020	81.75	0.00	0.00	26.62	50.94	0.19	8.61	0.623
S33001	81.75	0.00	0.00	27.45	49.80	0.35	14.85	0.609
S19131	81.75	0.00	0.00	27.03	50.64	0.30	13.45	0.619
S20016	81.75	0.00	0.00	25.79	52.18	0.17	8.03	0.638
S33000	81.75	0.00	0.00	27.03	50.27	0.56	24.12	0.615
S19130	81.75	0.00	0.00	27.03	50.64	0.65	29.42	0.619
S7242	81.75	0.00	0.00	24.54	53.61	0.09	4.15	0.656
S16010	81.75	0.00	0.00	27.03	50.19	0.30	12.51	0.614
S32080	81.75	0.00	0.00	27.87	49.81	0.25	11.28	0.609
S32086	81.75	0.00	0.00	20.38	58.01	0.10	4.55	0.710
S20015	81.75	0.00	0.00	27.03	50.82	0.28	12.78	0.622
S19126	81.75	0.00	0.00	20.80	57.79	0.04	2.01	0.707
S19135	81.75	0.00	0.00	17.88	60.56	0.80	36.07	0.741
S7281	81.75	0.00	0.00	27.45	49.91	0.97	42.04	0.611
S32081	81.75	0.00	0.00	27.87	49.81	0.18	8.31	0.609
S20019	81.75	0.00	0.00	29.11	48.54	0.21	9.86	0.594
S16005	81.75	0.00	0.00	27.03	50.12	0.21	8.77	0.613
S7229	81.75	0.00	0.00	26.62	51.09	0.30	13.68	0.625
S7238	81.75	0.00	0.00	29.11	48.54	0.05	2.45	0.594
S7255	81.75	0.00	0.00	27.03	50.85	0.21	9.78	0.622
S3	81.75	0.00	0.00	27.45	50.25	0.56	25.59	0.615
S7257	81.75	0.00	0.00	27.03	50.70	0.34	15.66	0.620
S24026	81.75	0.00	0.00	26.62	51.23	0.40	18.40	0.627
S7245	81.75	0.00	0.00	27.45	50.11	1.35	60.73	0.613
S32087	81.75	0.00	0.00	25.37	52.42	0.25	11.30	0.641

S30005	81.75	0.00	0.00	26.20	50.96	0.40	16.60	0.623
S24030	81.75	0.00	0.00	25.79	51.86	0.31	13.62	0.634
S11005	81.75	0.00	0.00	27.03	50.84	0.03	1.41	0.622
S11006	81.75	0.00	0.00	24.95	52.14	0.21	8.39	0.638
S30000	81.75	0.00	0.00	26.62	51.18	0.42	19.11	0.626
S20021	81.75	0.00	0.00	26.62	51.18	0.41	18.69	0.626
S7296	81.75	0.00	0.00	27.45	50.26	0.14	6.36	0.615
S7246	81.75	0.00	0.00	25.79	52.09	0.13	5.87	0.637
S7258	81.75	0.00	0.00	27.03	50.80	0.16	7.30	0.621
S19000_1	81.75	0.00	0.00	27.03	51.00	0.12	5.38	0.624
S24045	81.75	0.00	0.00	29.11	48.64	0.18	8.22	0.595
S54000	81.75	0.00	0.00	20.80	57.66	0.41	18.58	0.705
S31000	81.75	0.00	0.00	29.11	48.28	0.11	5.07	0.591
S10001	81.75	0.00	0.00	29.11	48.62	0.14	6.33	0.595
S11010	81.75	0.00	0.00	14.56	63.66	1.53	66.82	0.779
S7310	81.75	0.00	0.00	27.45	50.29	0.15	7.05	0.615
S29000	81.75	0.00	0.00	27.03	50.64	0.63	28.54	0.620
S7297	81.75	0.00	0.00	24.54	53.46	0.16	7.17	0.654
S24100	81.75	0.00	0.00	27.45	49.94	0.63	27.66	0.611
S7248	81.75	0.00	0.00	26.62	51.18	0.28	13.01	0.626
S30001	81.75	0.00	0.00	27.87	49.72	0.37	17.01	0.608
S11008	81.75	0.00	0.00	31.19	46.57	0.12	5.71	0.570
S16006	81.75	0.00	0.00	27.03	50.45	0.10	4.24	0.617
S30002	81.75	0.00	0.00	27.45	50.18	0.76	34.50	0.614
S24035	81.75	0.00	0.00	27.03	50.77	0.30	13.92	0.621
S7252	81.75	0.00	0.00	27.03	50.70	0.31	14.11	0.620
S17010	81.75	0.00	0.00	27.87	50.05	0.27	12.76	0.612
S30006	81.75	0.00	0.00	19.96	58.07	0.13	5.73	0.710
S7247	81.75	0.00	0.00	26.62	51.38	0.05	2.10	0.629
S10002	81.75	0.00	0.00	27.03	50.67	0.34	15.63	0.620
S16007	81.75	0.00	0.00	27.03	50.25	0.06	2.36	0.615
S7336	81.75	0.00	0.00	27.87	49.81	0.74	34.10	0.609
S17005	81.75	0.00	0.00	29.11	48.27	0.18	8.00	0.590
S11003	81.75	0.00	0.00	31.19	45.02	2.25	81.91	0.551
S16008	81.75	0.00	0.00	27.03	50.80	0.05	2.34	0.621
S7299	81.75	0.00	0.00	29.11	48.54	0.17	7.84	0.594
S11017	81.75	0.00	0.00	29.11	47.24	0.50	18.48	0.578
S7335	81.75	0.00	0.00	27.45	50.31	0.59	27.16	0.615
S7261	81.75	0.00	0.00	25.79	51.95	0.40	18.16	0.635
S7250	81.75	0.00	0.00	20.80	57.79	0.02	0.87	0.707
S7251	81.75	0.00	0.00	24.54	53.55	0.15	6.87	0.655
S16001	81.75	0.00	0.00	39.51	35.74	0.39	13.36	0.437
S17001	81.75	0.00	0.00	28.28	49.35	0.39	17.75	0.604
S24040	81.75	0.00	0.00	26.62	50.94	0.26	11.40	0.623
S11011	81.75	0.00	0.00	16.64	61.96	0.43	19.33	0.758
S7275	81.75	0.00	0.00	24.12	54.05	0.10	4.65	0.661
S7311	81.75	0.00	0.00	20.80	57.58	0.32	14.67	0.704
S7260	81.75	0.00	0.00	26.62	51.35	0.11	4.90	0.628
S10022	81.75	0.00	0.00	19.13	59.23	0.72	32.40	0.725
S7271	81.75	0.00	0.00	27.45	50.18	0.27	12.09	0.614
S16015	81.75	0.00	0.00	39.51	34.69	2.55	71.76	0.424
S17021	81.75	0.00	0.00	27.03	50.68	0.63	28.86	0.620
S7316	81.75	0.00	0.00	20.80	57.54	0.78	35.37	0.704
S50041	81.75	0.00	0.00	27.03	49.78	0.59	23.16	0.609
S30010	81.75	0.00	0.00	12.48	66.77	0.11	5.19	0.817
S7305	81.75	0.00	0.00	20.80	57.69	0.32	14.48	0.706
S17075	81.75	0.00	0.00	39.51	35.07	2.53	76.77	0.429
S24046	81.75	0.00	0.00	26.62	51.09	0.40	18.13	0.625
S7337	81.75	0.00	0.00	24.95	53.17	0.15	7.04	0.650
S27000	81.75	0.00	0.00	25.79	52.09	0.46	20.92	0.637
S7276	81.75	0.00	0.00	12.06	66.90	0.86	38.98	0.818
S7317	81.75	0.00	0.00	20.80	57.66	0.16	7.31	0.705
S7282	81.75	0.00	0.00	18.30	60.25	0.45	20.46	0.737
S10020	81.75	0.00	0.00	29.11	48.32	0.38	17.16	0.591
S17016	81.75	0.00	0.00	27.03	50.80	0.20	9.09	0.621
S7340	81.75	0.00	0.00	25.37	52.57	0.27	12.27	0.643
S10015	81.75	0.00	0.00	27.45	50.22	0.26	12.06	0.614
S7266	81.75	0.00	0.00	26.62	51.18	0.22	9.87	0.626
S7312	81.75	0.00	0.00	25.79	51.65	0.41	17.65	0.632
S7262	81.75	0.00	0.00	24.95	53.23	0.07	3.30	0.651
S24105	81.75	0.00	0.00	27.03	50.58	0.80	35.92	0.619
S7342	81.75	0.00	0.00	27.03	50.42	0.38	16.57	0.617
S7339	81.75	0.00	0.00	27.03	50.79	0.47	21.53	0.621
S24050	81.75	0.00	0.00	27.03	50.48	0.24	10.49	0.617
S17011	81.75	0.00	0.00	29.11	48.69	0.09	4.18	0.596
S7272	81.75	0.00	0.00	27.03	50.69	0.27	12.41	0.620
S27001	81.75	0.00	0.00	21.63	56.65	0.19	8.59	0.693
S11012	81.75	0.00	0.00	29.11	48.11	0.08	3.62	0.589
S26000	81.75	0.00	0.00	27.03	50.64	0.34	15.41	0.619

S7318	81.75	0.00	0.00	20.80	57.58	0.19	8.57	0.704
S24056	81.75	0.00	0.00	29.11	48.63	0.13	6.22	0.595
S11015	81.75	0.00	0.00	29.11	48.15	0.11	4.87	0.589
S24057	81.75	0.00	0.00	39.51	36.68	0.26	11.01	0.449
S10018	81.75	0.00	0.00	26.62	51.03	0.23	10.42	0.624
S7341	81.75	0.00	0.00	24.54	53.58	0.15	6.81	0.655
S27005	81.75	0.00	0.00	27.87	49.67	0.30	13.33	0.608
S11030	81.75	0.00	0.00	27.03	50.31	0.61	26.50	0.615
S17022	81.75	0.00	0.00	27.03	50.76	0.27	12.56	0.621
S27006	81.75	0.00	0.00	27.45	50.13	0.62	28.08	0.613
S7267	81.75	0.00	0.00	20.80	57.79	0.05	2.41	0.707
S11013	81.75	0.00	0.00	27.03	50.74	0.12	5.71	0.621
S27010	81.75	0.00	0.00	25.79	52.09	0.32	14.86	0.637
S7268	81.75	0.00	0.00	25.79	51.86	0.64	28.42	0.634
S20035	81.75	0.00	0.00	20.80	57.63	0.65	29.55	0.705
S7273	81.75	0.00	0.00	22.87	55.35	0.16	7.53	0.677
S10026	81.75	0.00	0.00	27.87	49.65	0.70	31.28	0.607
S7314	81.75	0.00	0.00	23.71	54.35	0.17	7.84	0.665
S7319	81.75	0.00	0.00	20.80	57.54	0.26	11.98	0.704
S24060	81.75	0.00	0.00	26.62	50.94	0.44	19.60	0.623
S10024	81.75	0.00	0.00	26.20	51.58	0.21	9.78	0.631
S10023	81.75	0.00	0.00	26.62	51.12	0.06	2.96	0.625
S11025	81.75	0.00	0.00	27.03	50.44	0.10	4.41	0.617
S10019	81.75	0.00	0.00	20.80	57.76	0.04	1.80	0.707
S26001	81.75	0.00	0.00	26.20	51.33	0.21	9.29	0.628
S7343	81.75	0.00	0.00	27.45	50.26	0.72	32.92	0.615
S11045	81.75	0.00	0.00	14.56	64.03	0.08	3.44	0.783
S54016	81.75	0.00	0.00	34.52	41.53	0.59	21.76	0.508
S17025	81.75	0.00	0.00	27.03	50.76	0.23	10.57	0.621
S7313	81.75	0.00	0.00	20.80	57.58	0.11	4.86	0.704
S11026	81.75	0.00	0.00	27.03	50.07	0.28	11.70	0.612
S7287	81.75	0.00	0.00	10.40	68.70	0.65	29.07	0.840
S7285	81.75	0.00	0.00	8.73	70.75	0.37	16.67	0.865
S17100	81.75	0.00	0.00	24.95	53.03	0.30	13.73	0.649
S7269	81.75	0.00	0.00	24.54	53.55	0.14	6.55	0.655
S17115	81.75	0.00	0.00	24.12	54.02	0.24	10.96	0.661
S11_4	81.75	0.00	0.00	26.62	51.22	1.36	62.70	0.627
S24055	81.75	0.00	0.00	29.11	48.63	0.17	7.69	0.595
S10032	81.75	0.00	0.00	14.97	63.77	2.00	90.32	0.780
S10035	81.75	0.00	0.00	27.87	49.73	0.55	24.95	0.608
S26002	81.75	0.00	0.00	27.45	50.12	0.47	20.96	0.613
S7344	81.75	0.00	0.00	22.87	55.49	0.12	5.75	0.679
S7270	81.75	0.00	0.00	20.80	57.79	0.04	1.96	0.707
S10030	81.75	0.00	0.00	19.13	59.46	0.21	9.61	0.727
S7346	81.75	0.00	0.00	4.16	75.51	0.62	27.66	0.924
S7274	81.75	0.00	0.00	20.80	57.79	0.03	1.19	0.707
S24065	81.75	0.00	0.00	27.45	50.31	0.38	17.28	0.615
S7320	81.75	0.00	0.00	20.80	57.62	0.07	3.21	0.705
S7286	81.75	0.00	0.00	7.07	72.50	0.23	10.45	0.887
S24106	81.75	0.00	0.00	27.03	50.51	0.93	41.75	0.618
S17105	81.75	0.00	0.00	27.03	50.70	0.50	22.80	0.620
S17106	81.75	0.00	0.00	26.62	51.15	0.23	10.47	0.626
S7332	81.75	0.00	0.00	29.11	48.43	0.45	20.47	0.592
S7321	81.75	0.00	0.00	20.80	57.62	0.16	7.19	0.705
S7350	81.75	0.00	0.00	12.48	66.73	0.08	3.83	0.816
S24070	81.75	0.00	0.00	26.20	51.60	0.21	9.80	0.631
S7345	81.75	0.00	0.00	12.48	66.73	0.21	9.44	0.816
S11046	81.75	0.00	0.00	14.56	64.15	0.08	3.76	0.785
S7351	81.75	0.00	0.00	27.45	50.26	0.20	9.25	0.615
S17123	81.75	0.00	0.00	26.20	51.30	0.08	3.35	0.628
S10031	81.75	0.00	0.00	15.39	63.52	0.08	3.83	0.777
S17120	81.75	0.00	0.00	27.45	49.91	0.11	4.59	0.611
S10034	81.75	0.00	0.00	15.39	63.44	0.94	42.44	0.776
S7011	81.75	0.00	0.00	27.45	50.34	0.06	2.74	0.616
S25000	81.75	0.00	0.00	27.45	49.64	0.17	6.88	0.607
S7010	81.75	0.00	0.00	24.54	53.52	0.10	4.72	0.655
S7001	81.75	0.00	0.00	27.87	49.94	0.10	4.62	0.611
S54035	81.75	0.00	0.00	20.80	57.66	0.12	5.67	0.705
S17026	81.75	0.00	0.00	20.80	57.80	0.05	2.39	0.707
S7000	81.75	0.00	0.00	27.45	50.40	0.18	8.49	0.617
S54017	81.75	0.00	0.00	35.77	40.10	0.43	15.20	0.491
S7329	81.75	0.00	0.00	10.40	68.98	0.14	6.43	0.844
S13000	81.75	0.00	0.00	37.85	37.13	0.99	31.15	0.454
S7307	81.75	0.00	0.00	27.03	51.08	0.03	1.33	0.625
S54045	81.75	0.00	0.00	36.18	40.26	0.54	22.61	0.492
S54040	81.75	0.00	0.00	36.60	38.90	2.29	76.26	0.476
S7355	81.75	0.00	0.00	29.11	48.73	0.28	12.86	0.596
S7324	81.75	0.00	0.00	15.80	62.90	0.33	14.89	0.769
S5000	81.75	0.00	0.00	25.37	52.16	0.23	10.14	0.638

S24075	81.75	0.00	0.00	27.03	50.77	0.38	17.59	0.621
S17107	81.75	0.00	0.00	20.80	57.77	0.02	0.69	0.707
S10033	81.75	0.00	0.00	19.96	58.52	0.29	13.20	0.716
S26003	81.75	0.00	0.00	27.87	49.48	0.20	8.89	0.605
S7328	81.75	0.00	0.00	10.40	68.98	0.18	8.14	0.844
S17034	81.75	0.00	0.00	27.03	50.48	0.19	8.41	0.617
S17031	81.75	0.00	0.00	27.45	50.18	0.09	4.28	0.614
S17030	81.75	0.00	0.00	27.87	49.72	0.30	13.70	0.608
S11033	81.75	0.00	0.00	20.80	57.41	0.15	7.00	0.702
S7012	81.75	0.00	0.00	26.62	51.25	0.22	10.12	0.627
S5002	81.75	0.00	0.00	26.62	50.27	0.77	30.30	0.615
S7003	81.75	0.00	0.00	29.11	48.69	0.14	6.45	0.596
S7325	81.75	0.00	0.00	10.40	69.00	0.07	3.05	0.844
S10040	81.75	0.00	0.00	12.48	66.49	0.66	29.59	0.813
S7005	81.75	0.00	0.00	27.45	50.31	0.23	10.73	0.615
S5003	81.75	0.00	0.00	27.03	49.59	1.63	61.86	0.607
S7018	81.75	0.00	0.00	26.20	51.79	0.39	17.90	0.633
S7015	81.75	0.00	0.00	27.87	49.97	0.04	1.71	0.611
S11038	81.75	0.00	0.00	8.32	70.73	0.51	22.89	0.865
S20040	81.75	0.00	0.00	12.48	66.73	0.15	6.61	0.816
S24080	81.75	0.00	0.00	27.03	50.77	0.19	8.87	0.621
S7006	81.75	0.00	0.00	27.03	50.85	0.12	5.76	0.622
S7016	81.75	0.00	0.00	25.37	52.69	0.07	3.09	0.645
S17036	81.75	0.00	0.00	20.80	57.73	0.05	2.38	0.706
S17039	81.75	0.00	0.00	28.28	49.20	0.30	13.64	0.602
S5001	81.75	0.00	0.00	20.80	57.79	0.01	0.56	0.707
S17033	81.75	0.00	0.00	26.62	50.94	0.22	9.90	0.623
S17037	81.75	0.00	0.00	26.62	51.10	0.32	14.32	0.625
S24087	81.75	0.00	0.00	27.45	50.22	0.22	10.16	0.614
S11034	81.75	0.00	0.00	8.32	70.93	0.29	12.90	0.868
S5010	81.75	0.00	0.00	27.45	50.38	0.23	10.48	0.616
S24086	81.75	0.00	0.00	28.28	49.35	0.16	7.26	0.604
S24085	81.75	0.00	0.00	29.11	48.54	0.13	6.11	0.594
S17133	81.75	0.00	0.00	28.28	48.98	0.16	7.01	0.599
S11047	81.75	0.00	0.00	8.32	71.12	0.04	1.92	0.870
S1000	81.75	0.00	0.00	19.96	58.37	0.99	45.02	0.714
S16016	81.75	0.00	0.00	8.32	71.17	0.13	5.76	0.871
S16020	81.75	0.00	0.00	12.48	66.27	0.17	7.64	0.811
S5011	81.75	0.00	0.00	27.03	50.84	0.16	7.21	0.622
S17078	81.75	0.00	0.00	14.56	64.23	0.39	17.51	0.786
S24091	81.75	0.00	0.00	25.37	52.32	0.19	8.36	0.640
S5015	81.75	0.00	0.00	27.87	49.83	0.25	11.42	0.610
S24090	81.75	0.00	0.00	20.80	57.76	0.05	2.22	0.707
S10042	81.75	0.00	0.00	27.87	50.03	0.13	6.07	0.612
S17080	81.75	0.00	0.00	14.14	64.69	0.34	15.23	0.791
S11048	81.75	0.00	0.00	20.80	57.52	0.18	7.99	0.704
S16022	81.75	0.00	0.00	4.16	75.30	0.90	40.22	0.921
S5030	81.75	0.00	0.00	26.62	51.29	0.19	8.93	0.627
S5012	81.75	0.00	0.00	26.20	51.85	0.10	4.59	0.634
S17127	81.75	0.00	0.00	17.88	60.49	0.14	6.14	0.740
S17131	81.75	0.00	0.00	26.20	51.04	0.19	7.99	0.624
S17134	81.75	0.00	0.00	23.71	53.83	0.20	8.72	0.659
S17130	81.75	0.00	0.00	16.22	62.15	0.34	15.15	0.760
S11039	81.75	0.00	0.00	4.16	75.44	0.29	12.85	0.923
S11036	81.75	0.00	0.00	4.16	75.64	0.02	0.95	0.925
S5016	81.75	0.00	0.00	27.45	50.29	0.14	6.44	0.615
S10041	81.75	0.00	0.00	24.54	53.70	0.07	3.30	0.657
S17041	81.75	0.00	0.00	13.72	65.24	0.18	8.30	0.798
S11052	81.75	0.00	0.00	31.19	45.02	2.25	81.91	0.551
S54001	81.75	0.00	0.00	20.80	57.79	0.08	3.52	0.707
S8015	81.75	0.00	0.00	27.03	50.85	0.26	12.20	0.622
S8000	81.75	0.00	0.00	26.20	51.62	0.09	4.26	0.631
S17047	81.75	0.00	0.00	16.22	62.53	0.12	5.56	0.765
S54055	81.75	0.00	0.00	20.80	57.83	0.22	10.04	0.707
S17045	81.75	0.00	0.00	22.46	55.72	0.29	13.13	0.682
S3000	81.75	0.00	0.00	29.11	48.28	0.09	4.25	0.591
S10044	81.75	0.00	0.00	23.71	54.52	0.10	4.44	0.667
S54005	81.75	0.00	0.00	24.95	52.09	0.27	10.95	0.637
S5020	81.75	0.00	0.00	27.45	50.33	0.20	9.44	0.616
S2001	81.75	0.00	0.00	25.79	52.01	0.23	10.40	0.636
S17128	81.75	0.00	0.00	26.20	51.30	0.33	14.68	0.628
S23001	81.75	0.00	0.00	26.20	51.21	0.09	3.73	0.626
S16025	81.75	0.00	0.00	4.16	75.44	0.26	11.50	0.923
S23010	81.75	0.00	0.00	26.62	50.74	0.32	13.89	0.621
S10052	81.75	0.00	0.00	25.37	52.75	0.12	5.48	0.645
S54060_2	81.75	0.00	0.00	34.10	42.78	0.17	7.46	0.523
S23005	81.75	0.00	0.00	26.62	50.83	0.23	9.87	0.622
S11053	81.75	0.00	0.00	4.16	75.47	0.42	18.60	0.923
S10057	81.75	0.00	0.00	24.12	54.06	0.11	5.00	0.661

S5021	81.75	0.00	0.00	27.03	50.79	0.20	9.10	0.621
S15	81.75	0.00	0.00	14.56	64.38	1.13	51.43	0.788
S16026	81.75	0.00	0.00	16.64	61.64	0.55	24.22	0.754
S8005	81.75	0.00	0.00	28.28	49.54	0.12	5.62	0.606
S10051	81.75	0.00	0.00	10.40	68.97	0.27	12.06	0.844
S17081	81.75	0.00	0.00	20.80	57.73	0.06	2.80	0.706
S3001	81.75	0.00	0.00	29.11	48.28	0.30	13.36	0.591
S17050	81.75	0.00	0.00	26.62	51.31	0.12	5.47	0.628
S16030	81.75	0.00	0.00	4.16	75.18	1.08	48.64	0.920
S5022	81.75	0.00	0.00	26.62	51.40	0.09	4.10	0.629
S17083	81.75	0.00	0.00	37.43	38.94	0.23	9.75	0.476
S17082	81.75	0.00	0.00	39.51	36.52	0.17	7.01	0.447
S11050	81.75	0.00	0.00	4.16	75.47	0.28	12.38	0.923
S17136	81.75	0.00	0.00	29.11	48.49	0.16	7.15	0.593
S5025	81.75	0.00	0.00	27.45	50.33	0.19	8.81	0.616
S10050	81.75	0.00	0.00	20.80	57.82	0.06	2.70	0.707
S8006	81.75	0.00	0.00	26.20	51.81	0.14	6.45	0.634
S17135	81.75	0.00	0.00	12.48	66.75	0.04	1.93	0.817
S17065	81.75	0.00	0.00	26.62	51.28	0.30	13.94	0.627
S10060	81.75	0.00	0.00	27.45	50.35	0.44	20.37	0.616
S17137	81.75	0.00	0.00	17.47	61.22	0.46	21.11	0.749
S11056	81.75	0.00	0.00	4.16	75.52	0.20	9.13	0.924
S5026	81.75	0.00	0.00	27.03	50.79	0.14	6.43	0.621
S8010	81.75	0.00	0.00	25.79	52.35	0.07	3.37	0.640
S54080	81.75	0.00	0.00	20.80	57.66	0.04	1.66	0.705
S17051	81.75	0.00	0.00	20.80	57.80	0.03	1.27	0.707
S17052	81.75	0.00	0.00	27.45	50.23	0.24	11.12	0.614
S17066	81.75	0.00	0.00	25.79	52.19	0.15	6.78	0.639
S17150	81.75	0.00	0.00	27.45	50.37	0.16	7.26	0.616
S54075	81.75	0.00	0.00	20.80	57.80	0.19	8.80	0.707
S17151	81.75	0.00	0.00	28.28	49.46	0.29	13.64	0.605
S13011	81.75	0.00	0.00	7.49	72.09	0.32	14.24	0.882
S17140	81.75	0.00	0.00	24.54	53.51	0.27	12.45	0.655
S11058	81.75	0.00	0.00	4.16	75.38	0.67	30.09	0.922
S2002	81.75	0.00	0.00	28.28	49.40	0.23	10.37	0.604
S1001	81.75	0.00	0.00	29.11	48.41	0.24	10.91	0.592
S8020	81.75	0.00	0.00	29.11	48.48	0.34	15.51	0.593
S17141	81.75	0.00	0.00	17.47	61.26	0.40	18.16	0.749
S16027	81.75	0.00	0.00	4.16	75.35	0.63	28.06	0.922
S12000	81.75	0.00	0.00	11.23	68.07	0.40	18.21	0.833
S13005	81.75	0.00	0.00	7.90	71.67	0.12	5.18	0.877
S16031	81.75	0.00	0.00	4.16	75.43	0.74	33.13	0.923
S17053	81.75	0.00	0.00	23.71	54.37	0.12	5.49	0.665
S12001	81.75	0.00	0.00	4.16	75.72	0.31	13.80	0.926
S17084	81.75	0.00	0.00	13.31	65.47	0.51	23.13	0.801
S13015	81.75	0.00	0.00	10.40	68.93	0.18	7.95	0.843
S17055	81.75	0.00	0.00	28.28	49.09	0.28	12.20	0.601
S22000	81.75	0.00	0.00	29.11	48.73	0.14	6.32	0.596
S17056	81.75	0.00	0.00	12.48	66.61	0.27	12.37	0.815
S13020	81.75	0.00	0.00	16.64	62.27	0.13	6.09	0.762
S12005	81.75	0.00	0.00	18.30	60.33	0.49	22.29	0.738
S13021	81.75	0.00	0.00	9.98	69.40	0.23	10.22	0.849
S17070	81.75	0.00	0.00	27.87	49.86	0.30	13.91	0.610
S17085	81.75	0.00	0.00	13.72	65.21	0.27	12.01	0.798
S17086	81.75	0.00	0.00	18.72	59.81	0.50	22.56	0.732
S13025	81.75	0.00	0.00	9.98	69.40	0.27	12.35	0.849
S17057A	81.75	0.00	0.00	12.48	66.61	0.40	18.03	0.815
S16032	81.75	0.00	0.00	12.48	66.55	0.26	11.73	0.814
S14000	81.75	0.00	0.00	9.57	69.68	0.28	12.40	0.852
S17071	81.75	0.00	0.00	26.20	51.74	0.20	9.38	0.633
S17058	81.75	0.00	0.00	29.11	48.34	0.11	5.12	0.591
S22001	81.75	0.00	0.00	20.80	57.80	0.07	3.00	0.707
S14001	81.75	0.00	0.00	9.15	70.13	0.44	19.67	0.858
S12010	81.75	0.00	0.00	4.16	75.64	0.22	9.74	0.925
S17061	81.75	0.00	0.00	29.11	48.62	0.05	2.22	0.595
S16035	81.75	0.00	0.00	29.11	48.12	0.15	6.74	0.589
S22010	81.75	0.00	0.00	27.03	50.90	0.18	8.56	0.623
S22002	81.75	0.00	0.00	23.71	54.61	0.05	2.37	0.668
S22005	81.75	0.00	0.00	25.37	52.72	0.22	9.96	0.645
S17088	81.75	0.00	0.00	12.48	66.73	0.15	6.97	0.816
S17089	81.75	0.00	0.00	12.48	66.73	0.05	2.05	0.816
S17090	81.75	0.00	0.00	29.11	48.17	0.66	29.29	0.589
S18011	81.75	0.00	0.00	27.45	50.24	0.37	17.05	0.615
S16041	81.75	0.00	0.00	10.40	68.97	0.08	3.73	0.844
S21010	81.75	0.00	0.00	27.45	50.26	0.51	23.37	0.615
S14003	81.75	0.00	0.00	26.62	51.34	0.19	8.58	0.628
S14002	81.75	0.00	0.00	20.80	57.83	0.02	0.95	0.707
S18005	81.75	0.00	0.00	27.45	50.12	0.41	18.36	0.613
S21001	81.75	0.00	0.00	26.62	51.18	0.34	15.37	0.626

S18010	81.75	0.00	0.00	25.79	52.25	0.08	3.81	0.639
S17091	81.75	0.00	0.00	29.11	48.62	0.23	10.81	0.595
S15000	81.75	0.00	0.00	27.03	50.55	0.19	8.45	0.618
S21011	81.75	0.00	0.00	27.03	50.72	0.31	14.01	0.620
S18012	81.75	0.00	0.00	20.80	57.90	0.04	1.65	0.708
S17092	81.75	0.00	0.00	29.11	48.62	0.16	7.44	0.595
S50040	81.75	0.00	0.00	27.87	49.25	0.37	15.55	0.603
S50055	81.75	0.00	0.00	26.62	50.65	0.42	17.77	0.620
S50056	81.75	0.00	0.00	27.03	50.72	0.33	15.01	0.620
S50060	81.75	0.00	0.00	29.11	48.43	0.07	3.33	0.593
S50070	81.75	0.00	0.00	27.03	50.72	0.27	12.25	0.620
S19005	81.75	0.00	0.00	21.63	56.49	1.76	79.55	0.691
S7167	81.75	0.00	0.00	12.06	66.85	1.09	48.99	0.818
S19010	81.75	0.00	0.00	27.45	50.18	0.48	21.62	0.614
S45005	81.75	0.00	0.00	27.45	50.45	0.14	6.69	0.617
S45010	81.75	0.00	0.00	29.11	48.66	0.03	1.56	0.595
S45001	81.75	0.00	0.00	25.79	51.67	0.06	2.50	0.632
S45000	81.75	0.00	0.00	27.45	49.64	0.31	12.88	0.607
S43000	81.75	0.00	0.00	27.03	50.19	0.21	8.79	0.614
S7163	81.75	0.00	0.00	27.03	50.77	0.33	15.34	0.621
S7169	81.75	0.00	0.00	23.29	54.97	0.09	4.30	0.672
S7164	81.75	0.00	0.00	27.03	50.77	0.30	13.99	0.621
S7172	81.75	0.00	0.00	15.80	62.87	0.78	35.37	0.769
S7195	81.75	0.00	0.00	26.62	51.25	0.34	15.55	0.627
S7197	81.75	0.00	0.00	27.03	50.79	0.64	29.30	0.621
S7206	81.75	0.00	0.00	28.28	49.31	0.21	9.65	0.603
S36040	81.75	0.00	0.00	24.95	53.00	0.15	6.72	0.648
S53301	81.75	0.00	0.00	26.62	51.23	0.32	14.53	0.627
S35002	81.75	0.00	0.00	25.37	52.59	0.29	13.35	0.643
S53125	81.75	0.00	0.00	23.71	54.10	0.42	18.47	0.662
S53132	81.75	0.00	0.00	29.11	47.67	0.19	7.56	0.583
S53300	81.75	0.00	0.00	27.45	50.31	0.54	25.07	0.615
S53325	81.75	0.00	0.00	27.45	50.36	0.10	4.42	0.616
S19106	81.75	0.00	0.00	12.48	66.69	0.10	4.43	0.816
S36051	81.75	0.00	0.00	22.04	56.12	0.55	24.89	0.687
S19113	81.75	0.00	0.00	29.11	48.56	0.22	10.35	0.594
S19112	81.75	0.00	0.00	27.45	50.18	0.31	14.15	0.614
S53135	81.75	0.00	0.00	29.11	48.49	0.35	16.02	0.593
S32006	81.75	0.00	0.00	26.62	51.31	0.13	5.81	0.628
S32010	81.75	0.00	0.00	27.03	49.71	0.19	7.31	0.608
S53315	81.75	0.00	0.00	27.87	49.91	0.11	4.98	0.611
S32020	81.75	0.00	0.00	27.03	50.40	0.12	5.24	0.617
S32001	81.75	0.00	0.00	27.45	50.26	0.46	21.28	0.615
S19111	81.75	0.00	0.00	27.45	50.01	0.55	24.25	0.612
S54020	81.75	0.00	0.00	35.35	40.42	2.17	75.05	0.494
S32045	81.75	0.00	0.00	28.28	49.30	0.38	17.15	0.603
S54030	81.75	0.00	0.00	36.18	38.16	3.84	104.18	0.467
S7217	81.75	0.00	0.00	27.03	50.75	0.59	27.23	0.621
S7218	81.75	0.00	0.00	27.45	50.30	0.40	18.55	0.615
S7219	81.75	0.00	0.00	27.03	50.52	0.37	16.68	0.618
S32025	81.75	0.00	0.00	26.62	50.65	0.09	3.95	0.620
S32030	81.75	0.00	0.00	26.62	51.13	0.16	7.14	0.626
S20020_1	81.75	0.00	0.00	31.19	46.09	0.55	25.16	0.564
S11002	81.75	0.00	0.00	31.19	45.02	2.25	81.91	0.551
S7301	81.75	0.00	0.00	26.62	51.23	0.50	22.97	0.627
S7302	81.75	0.00	0.00	25.79	51.66	0.31	13.20	0.632
S10005	81.75	0.00	0.00	27.45	50.26	0.23	10.59	0.615
S10007	81.75	0.00	0.00	26.62	51.28	0.16	7.41	0.627
S29001	81.75	0.00	0.00	26.62	51.01	0.22	9.91	0.624
S7300	81.75	0.00	0.00	29.11	48.54	0.22	10.02	0.594
S10003	81.75	0.00	0.00	27.03	50.61	0.26	11.56	0.619
S10010	81.75	0.00	0.00	27.45	50.25	0.43	19.64	0.615
S28000	81.75	0.00	0.00	27.03	50.72	0.46	20.98	0.620
S10017	81.75	0.00	0.00	20.80	57.53	0.09	4.08	0.704
S25010	81.75	0.00	0.00	28.28	49.35	0.23	10.54	0.604
S17125	81.75	0.00	0.00	22.87	54.99	0.39	17.23	0.673
S17122	81.75	0.00	0.00	27.45	49.91	0.10	4.43	0.611
S25005	81.75	0.00	0.00	27.45	49.64	0.16	6.74	0.607
S7020	81.75	0.00	0.00	26.62	51.07	0.61	27.84	0.625
S17126	81.75	0.00	0.00	27.87	49.35	0.63	26.96	0.604
S23000	81.75	0.00	0.00	27.87	49.35	0.43	18.53	0.604
S10055	81.75	0.00	0.00	27.03	50.77	0.19	8.76	0.621
S10056	81.75	0.00	0.00	27.03	50.77	0.59	26.92	0.621
S6000	81.75	0.00	0.00	26.62	51.12	0.50	22.62	0.625
S9000	81.75	0.00	0.00	28.28	49.54	0.18	8.51	0.606
S9005	81.75	0.00	0.00	26.20	51.67	0.28	12.77	0.632
S5031	81.75	0.00	0.00	26.20	51.75	0.16	7.38	0.633
S9010	81.75	0.00	0.00	28.70	49.03	0.23	10.53	0.600
S5005	81.75	0.00	0.00	26.62	51.34	0.32	14.76	0.628

S17067	81.75	0.00	0.00	27.45	50.32	0.37	16.86	0.616
S5027	81.75	0.00	0.00	25.79	52.20	0.04	1.90	0.639
S17147	81.75	0.00	0.00	25.79	52.14	0.28	12.96	0.638
S17146	81.75	0.00	0.00	26.20	51.74	0.93	43.10	0.633
S17068	81.75	0.00	0.00	27.03	50.78	0.24	11.13	0.621
S17072	81.75	0.00	0.00	27.45	50.37	0.34	15.92	0.616
S17153	81.75	0.00	0.00	24.95	53.05	0.17	7.79	0.649
S17073	81.75	0.00	0.00	26.62	51.28	0.54	24.93	0.627
S18000	81.75	0.00	0.00	27.45	50.25	0.22	9.96	0.615
S21000	81.75	0.00	0.00	29.11	48.55	0.16	7.42	0.594
S15005	81.75	0.00	0.00	27.03	50.63	0.45	20.46	0.619
S7035	81.75	0.00	0.00	20.80	56.86	1.71	72.30	0.696
S50062	81.75	0.00	0.00	27.45	50.23	0.60	27.44	0.614
S50071	81.75	0.00	0.00	26.62	51.12	0.48	21.76	0.625
S50090	81.75	0.00	0.00	26.62	51.15	0.47	21.35	0.626
S50063	81.75	0.00	0.00	27.45	50.23	0.32	14.76	0.614
S50147	81.75	0.00	0.00	19.96	58.50	0.33	14.87	0.716
S46001	81.75	0.00	0.00	27.45	49.72	0.45	19.10	0.608
S46000	81.75	0.00	0.00	27.45	50.22	0.45	20.61	0.614
S39060	81.75	0.00	0.00	27.03	50.72	0.61	28.14	0.620
S36025	81.75	0.00	0.00	27.45	50.38	0.66	30.41	0.616
S37000	81.75	0.00	0.00	27.45	49.81	0.27	11.56	0.609
S36030	81.75	0.00	0.00	25.79	52.26	0.16	7.22	0.639
S20022_1	81.75	0.00	0.00	27.87	49.96	0.61	28.27	0.611
S20002	81.75	0.00	0.00	27.03	50.82	0.27	12.36	0.622
S7330	81.75	0.00	0.00	27.87	49.82	0.82	37.62	0.609
S7306	81.75	0.00	0.00	20.80	57.69	0.36	16.41	0.706
S11031	81.75	0.00	0.00	27.03	50.70	0.18	8.35	0.620
S10037	81.75	0.00	0.00	27.87	49.84	0.56	25.80	0.610
S7331	81.75	0.00	0.00	27.45	50.28	0.26	11.72	0.615
S11032	81.75	0.00	0.00	27.03	50.72	0.17	7.90	0.620
S7326	81.75	0.00	0.00	27.03	50.60	0.16	7.30	0.619
S11035	81.75	0.00	0.00	24.95	52.40	0.37	15.42	0.641
S7356	81.75	0.00	0.00	34.52	42.52	0.96	44.20	0.520
S5032	81.75	0.00	0.00	26.62	51.40	0.18	8.41	0.629
S6002	81.75	0.00	0.00	26.62	50.73	0.31	13.31	0.621
S16045	81.75	0.00	0.00	31.19	45.06	0.60	22.20	0.551
S11	81.75	0.00	0.00	14.56	63.80	1.72	75.71	0.781
SJ120	81.75	0.00	0.00	27.03	48.96	0.69	23.97	0.599
S7117	81.75	0.00	0.00	29.11	48.08	0.31	13.51	0.588
S17054	81.75	0.00	0.00	16.64	62.00	0.37	16.56	0.759
SJ112	81.75	0.00	0.00	27.03	49.91	0.61	24.27	0.611
SJ117	81.75	0.00	0.00	27.03	49.73	0.73	28.36	0.608
SJ143	81.75	0.00	0.00	27.03	50.00	0.54	21.94	0.612
SJ142	81.75	0.00	0.00	27.03	49.94	0.41	16.57	0.611
SJ141	81.75	0.00	0.00	27.03	50.36	0.32	14.06	0.616
SJ144	81.75	0.00	0.00	27.03	50.26	0.46	19.78	0.615
SJ148	81.75	0.00	0.00	27.03	50.51	0.35	15.46	0.618
SJ147	81.75	0.00	0.00	31.19	45.89	0.19	8.46	0.561
S-SU5	81.75	0.00	0.00	39.51	36.69	0.13	5.73	0.449
S150	81.75	0.00	0.00	27.03	50.26	0.46	19.84	0.615
SJ131	81.75	0.00	0.00	27.03	50.11	0.47	19.48	0.613
SJ132	81.75	0.00	0.00	31.19	45.58	0.50	20.64	0.558
S140	81.75	0.00	0.00	27.03	50.01	0.61	24.98	0.612
SJ134	81.75	0.00	0.00	27.03	50.31	0.45	19.53	0.615
SJ123	81.75	0.00	0.00	27.03	50.49	0.35	15.80	0.618
SJ128	81.75	0.00	0.00	27.03	50.08	0.49	20.26	0.613
SJ127	81.75	0.00	0.00	27.03	50.03	0.52	21.25	0.612
SJ126	81.75	0.00	0.00	31.19	45.35	0.72	28.07	0.555
SJ125	81.75	0.00	0.00	31.19	45.50	0.60	24.46	0.557
SJ122	81.75	0.00	0.00	27.03	50.45	0.34	14.88	0.617
SJ129	81.75	0.00	0.00	27.03	49.93	0.42	16.87	0.611
SJ96	81.75	0.00	0.00	27.03	49.96	0.34	13.93	0.611
SJ107	81.75	0.00	0.00	27.03	50.15	0.32	13.24	0.613
SJ108	81.75	0.00	0.00	27.03	50.12	0.33	13.64	0.613
SJ109	81.75	0.00	0.00	27.03	50.19	0.21	8.97	0.614
SJ175	81.75	0.00	0.00	20.80	56.96	0.99	42.32	0.697
SJ97	81.75	0.00	0.00	27.03	50.52	0.24	10.81	0.618
SJ99	81.75	0.00	0.00	27.03	50.49	0.26	11.52	0.618
SJ7292	81.75	0.00	0.00	27.03	50.67	0.14	6.36	0.620
SJ86	81.75	0.00	0.00	27.03	49.86	0.73	28.92	0.610
SJ90	81.75	0.00	0.00	27.03	49.87	0.54	21.53	0.610
SJ91	81.75	0.00	0.00	27.03	50.19	0.34	14.35	0.614
SJ101	81.75	0.00	0.00	27.03	50.56	0.32	14.29	0.618
SJ76	81.75	0.00	0.00	27.03	49.94	0.66	26.62	0.611
SJ85	81.75	0.00	0.00	27.03	50.13	0.52	21.89	0.613
SJ84	81.75	0.00	0.00	27.03	50.53	0.34	15.02	0.618
SJ75	81.75	0.00	0.00	27.03	50.71	0.28	12.60	0.620
SJ74	81.75	0.00	0.00	27.03	50.68	0.24	10.93	0.620

SJ105	81.75	0.00	0.00	27.03	50.22	0.35	14.72	0.614
SJ103	81.75	0.00	0.00	27.03	50.54	0.30	13.39	0.618
SJ104	81.75	0.00	0.00	27.03	51.05	0.22	10.23	0.625
SJ66	81.75	0.00	0.00	27.03	50.45	0.16	6.96	0.617
SJ64	81.75	0.00	0.00	27.03	50.41	0.30	13.07	0.617
SJ68	81.75	0.00	0.00	24.95	52.43	0.30	12.79	0.641
SJ67	81.75	0.00	0.00	27.03	50.14	0.23	9.48	0.613
SJ63	81.75	0.00	0.00	27.03	50.46	0.19	8.59	0.617
SJ61	81.75	0.00	0.00	27.03	50.14	0.37	15.27	0.613
SJ59	81.75	0.00	0.00	27.03	50.26	0.15	6.53	0.615
S-SU3	81.75	0.00	0.00	39.51	36.61	0.19	7.76	0.448
SJ82	81.75	0.00	0.00	27.03	50.28	0.42	18.13	0.615
SJ81	81.75	0.00	0.00	27.03	50.17	0.25	10.41	0.614
SJ55	81.75	0.00	0.00	27.03	50.06	0.35	14.60	0.612
SJ58	81.75	0.00	0.00	27.03	50.52	0.12	5.45	0.618
SJ54	81.75	0.00	0.00	31.19	46.46	0.19	9.01	0.568
SJ53	81.75	0.00	0.00	27.03	50.11	0.33	13.84	0.613
SJ52	81.75	0.00	0.00	27.03	50.23	0.24	10.16	0.615
SJ92	81.75	0.00	0.00	27.03	50.57	0.66	29.59	0.619
SJ77	81.75	0.00	0.00	27.03	50.57	0.18	8.33	0.619
SJ-SU2	81.75	0.00	0.00	33.27	43.72	0.12	5.30	0.535
SJ70	81.75	0.00	0.00	27.03	50.41	0.38	16.84	0.617
S1	81.75	0.00	0.00	27.03	50.23	0.57	24.06	0.614
S2	81.75	0.00	0.00	8.32	71.05	0.58	25.89	0.869
S17000_1	81.75	0.00	0.00	21.63	57.03	0.12	5.40	0.698
S17000_2	81.75	0.00	0.00	21.63	56.90	0.33	15.16	0.696
S3_1	81.75	0.00	0.00	24.95	53.30	0.30	13.82	0.652
S3_2	81.75	0.00	0.00	24.95	53.30	0.30	14.06	0.652
S4	81.75	0.00	0.00	27.03	50.63	0.65	29.28	0.619
S7290_1	81.75	0.00	0.00	27.03	50.92	0.17	8.08	0.623
S7290_2	81.75	0.00	0.00	27.03	50.94	0.16	7.59	0.623
S20020_2	81.75	0.00	0.00	31.19	45.20	1.90	71.85	0.553
S5	81.75	0.00	0.00	13.31	65.86	0.51	23.15	0.806
S21005_1	81.75	0.00	0.00	27.03	50.86	0.19	8.70	0.622
S21005_2	81.75	0.00	0.00	27.03	51.01	0.10	4.74	0.624
S19100_1	81.75	0.00	0.00	27.45	50.50	0.28	12.88	0.618
S19100_2	81.75	0.00	0.00	27.45	50.41	0.39	17.99	0.617
S20001_2	81.75	0.00	0.00	34.52	42.72	0.31	14.51	0.523
S20022_2	81.75	0.00	0.00	27.87	50.09	0.37	17.05	0.613
S7259_1	81.75	0.00	0.00	29.11	48.60	0.08	3.59	0.595
S7259_2	81.75	0.00	0.00	29.11	48.24	0.19	8.47	0.590
S19000_2	81.75	0.00	0.00	27.03	50.51	0.50	22.49	0.618
S47001_1	81.75	0.00	0.00	21.21	57.13	0.54	24.49	0.699
S47001_2	81.75	0.00	0.00	21.21	57.40	0.12	5.64	0.702
S47001_4	81.75	0.00	0.00	21.21	57.17	0.46	21.19	0.699
S47001_5	81.75	0.00	0.00	21.21	56.98	0.88	39.71	0.697
S47001_6	81.75	0.00	0.00	21.21	57.23	0.36	16.44	0.700
S47001_7	81.75	0.00	0.00	21.21	57.26	0.30	13.65	0.701
S19001_1	81.75	0.00	0.00	26.62	51.13	0.22	10.16	0.625
S19001_2	81.75	0.00	0.00	26.62	51.46	0.07	3.25	0.629
S53012_2	81.75	0.00	0.00	27.03	50.98	0.07	3.32	0.624
S53010_2	81.75	0.00	0.00	27.03	50.37	0.26	11.14	0.616
S32070_2	81.75	0.00	0.00	27.03	49.78	0.62	24.43	0.609
S7	81.75	0.00	0.00	27.45	49.54	0.64	25.94	0.606
S8	81.75	0.00	0.00	27.03	51.05	0.05	2.46	0.624
S4000_1	81.75	0.00	0.00	26.20	51.91	0.40	18.73	0.635
S4000_2	81.75	0.00	0.00	26.20	52.03	0.20	9.26	0.636
S16040_1	81.75	0.00	0.00	27.03	51.04	0.11	5.22	0.624
S16040_2	81.75	0.00	0.00	27.03	50.52	0.58	25.99	0.618
S9	81.75	0.00	0.00	18.72	59.61	0.53	23.67	0.729
S10	81.75	0.00	0.00	8.32	70.65	0.96	43.21	0.864
S20030_1	81.75	0.00	0.00	12.48	66.77	0.53	23.83	0.817
S11_1	81.75	0.00	0.00	27.45	50.67	0.13	6.11	0.620
S12	81.75	0.00	0.00	25.79	52.16	0.95	43.73	0.638
S11_2	81.75	0.00	0.00	27.45	50.45	0.38	17.44	0.617
S20030_6	81.75	0.00	0.00	25.79	52.57	0.11	4.88	0.643
S11_3	81.75	0.00	0.00	14.56	64.64	0.25	11.13	0.791
S7025_1	81.75	0.00	0.00	9.57	69.68	0.77	34.72	0.852
S7025_2	81.75	0.00	0.00	20.80	56.88	1.93	81.67	0.696
S13	81.75	0.00	0.00	8.32	70.52	0.83	37.26	0.863
S14	81.75	0.00	0.00	12.48	66.51	0.31	13.81	0.814
S13001_1	81.75	0.00	0.00	23.71	54.45	0.19	8.75	0.666
S13001_2	81.75	0.00	0.00	12.48	66.77	0.10	4.64	0.817
S54065_1	81.75	0.00	0.00	34.52	42.29	1.62	71.67	0.517

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min
7207	JUNCTION	0.13	0.24	49.76	0 08:10
7205	JUNCTION	0.15	0.29	50.38	0 08:10
7209	JUNCTION	0.13	0.27	47.88	0 08:10
7219	JUNCTION	0.09	0.21	49.26	0 08:10
7235	JUNCTION	0.02	0.04	48.13	0 08:10
7210	JUNCTION	0.05	0.09	48.06	0 08:10
7230	JUNCTION	0.15	0.30	44.05	0 08:10
7257	JUNCTION	0.04	0.07	42.99	0 08:10
7256	JUNCTION	0.05	0.12	41.71	0 08:10
7252	JUNCTION	0.14	0.28	39.97	0 08:10
7250A	JUNCTION	0.13	0.23	39.65	0 08:10
7246	JUNCTION	0.09	0.19	43.74	0 08:10
7211	JUNCTION	0.18	0.36	47.74	0 08:10
7260	JUNCTION	0.10	0.21	37.45	0 08:10
7267	JUNCTION	0.10	0.23	30.18	0 08:10
7273	JUNCTION	0.04	0.08	31.08	0 08:10
7269	JUNCTION	0.03	0.07	30.69	0 08:10
5017	JUNCTION	0.08	0.19	9.57	0 08:11
7000	JUNCTION	0.03	0.07	27.74	0 08:10
5010	JUNCTION	0.03	0.06	20.07	0 08:10
7003	JUNCTION	0.05	0.10	23.83	0 08:10
7006	JUNCTION	0.07	0.15	20.97	0 08:10
49002	JUNCTION	0.09	0.18	60.39	0 08:10
7171	JUNCTION	0.09	0.18	53.93	0 08:10
7282	JUNCTION	0.07	0.14	37.28	0 08:10
7283	JUNCTION	0.05	0.09	32.94	0 08:10
7288	JUNCTION	0.52	1.04	26.82	0 08:11
7285	JUNCTION	0.30	0.70	27.01	0 08:11
7276	JUNCTION	0.28	0.56	31.58	0 08:11
7275	JUNCTION	0.27	0.53	36.03	0 08:11
7182	JUNCTION	0.30	0.59	37.67	0 08:11
7183	JUNCTION	0.27	0.53	45.57	0 08:11
7281	JUNCTION	0.06	0.11	45.43	0 08:10
7172	JUNCTION	0.19	0.37	50.89	0 08:10
7177	JUNCTION	0.16	0.32	52.77	0 08:10
7169	JUNCTION	0.24	0.46	54.71	0 08:10
7168	JUNCTION	0.11	0.23	54.87	0 08:10
7170	JUNCTION	0.06	0.13	55.72	0 08:10
7167	JUNCTION	0.13	0.26	57.35	0 08:10
19131	JUNCTION	0.08	0.17	35.97	0 08:10
7072	JUNCTION	0.06	0.11	66.51	0 08:10
7259	JUNCTION	0.02	0.05	43.17	0 08:10
7255	JUNCTION	0.03	0.06	43.21	0 08:10
7218	JUNCTION	0.07	0.15	54.82	0 08:10
7215	JUNCTION	0.07	0.16	64.60	0 08:10
19080	JUNCTION	0.06	0.13	43.05	0 08:10
48003	JUNCTION	0.05	0.09	55.86	0 08:10
7343	JUNCTION	0.06	0.12	38.04	0 08:10
5013	JUNCTION	0.07	0.14	9.62	0 08:10
5032	JUNCTION	0.10	0.18	4.67	0 08:10
5011	JUNCTION	0.04	0.07	16.48	0 08:10
7001	JUNCTION	0.03	0.07	26.58	0 08:10
7011	JUNCTION	0.03	0.07	27.65	0 08:10
7166	JUNCTION	0.22	2.01	62.09	0 08:10
48001	JUNCTION	0.13	0.27	56.46	0 08:10
48000	JUNCTION	0.12	0.25	56.71	0 08:10
7140	JUNCTION	0.08	0.16	64.38	0 08:10
7141	JUNCTION	0.08	0.17	64.00	0 08:10
7027	JUNCTION	0.21	0.41	67.69	0 08:11
7025	JUNCTION	0.15	0.29	67.84	0 08:10
7028	JUNCTION	0.22	0.41	67.68	0 08:11
7029	JUNCTION	0.19	0.38	67.60	0 08:11
7030	JUNCTION	0.19	0.38	67.59	0 08:10
7130	JUNCTION	0.00	0.00	64.96	0 00:00
7129	JUNCTION	0.09	0.20	63.82	0 08:10
49001	JUNCTION	0.10	0.24	62.31	0 08:10
7240	JUNCTION	0.04	0.08	52.94	0 08:10
7226	JUNCTION	0.05	0.11	56.86	0 08:10
7225	JUNCTION	0.04	0.10	59.64	0 08:10
7198	JUNCTION	0.10	0.18	52.83	0 08:10
7195	JUNCTION	0.31	2.04	55.73	0 08:25
7201	JUNCTION	0.07	0.14	55.19	0 08:10
7200	JUNCTION	0.06	0.12	57.12	0 08:10

7217	JUNCTION	0.06	0.13	60.73	0	08:10
7335	JUNCTION	0.05	0.11	46.72	0	08:10
7336	JUNCTION	0.18	1.46	45.91	0	08:14
7342	JUNCTION	0.04	0.08	40.92	0	08:10
7331	JUNCTION	0.06	0.12	42.54	0	08:10
7308	JUNCTION	0.44	1.59	39.31	0	08:18
7315	JUNCTION	0.11	0.24	44.59	0	08:10
7306	JUNCTION	0.08	0.16	46.34	0	08:10
7318	JUNCTION	0.08	0.17	51.08	0	08:10
7317	JUNCTION	0.09	0.20	51.30	0	08:10
7295	JUNCTION	0.05	0.10	55.11	0	08:10
7301	JUNCTION	0.04	0.09	58.78	0	08:10
7292	JUNCTION	0.04	0.08	55.69	0	08:10
7290	JUNCTION	0.00	0.00	55.77	0	00:00
20015	JUNCTION	0.04	0.08	58.00	0	08:10
20016	JUNCTION	0.10	0.22	56.03	0	08:10
20014	JUNCTION	0.09	0.19	56.52	0	08:10
20010	JUNCTION	0.08	0.16	57.10	0	08:10
19100	JUNCTION	0.10	1.50	49.76	0	07:40
53130	JUNCTION	0.05	0.09	49.36	0	08:10
20003	JUNCTION	0.08	0.18	58.00	0	08:10
20006	JUNCTION	0.04	0.07	61.50	0	08:10
20005	JUNCTION	0.07	0.15	62.85	0	08:10
7216	JUNCTION	0.06	0.12	63.99	0	08:10
7193	JUNCTION	0.06	0.13	63.84	0	08:10
7192	JUNCTION	0.07	0.15	62.70	0	08:10
7191	JUNCTION	0.05	0.10	66.82	0	08:10
20002	JUNCTION	0.05	0.11	60.12	0	08:10
20000	JUNCTION	0.04	0.09	63.12	0	08:10
20021	JUNCTION	0.07	0.15	55.22	0	08:10
20022	JUNCTION	0.13	2.00	43.91	0	08:11
20040	JUNCTION	0.06	2.00	36.91	0	08:04
7321	JUNCTION	0.16	1.03	40.55	0	08:10
7320	JUNCTION	0.08	0.17	43.96	0	08:10
7314	JUNCTION	0.09	0.18	45.01	0	08:10
7312	JUNCTION	0.05	0.09	49.98	0	08:10
7311	JUNCTION	0.05	0.09	55.72	0	08:10
7316	JUNCTION	0.07	0.15	53.30	0	08:10
1001	JUNCTION	0.04	0.07	26.03	0	08:10
2002	JUNCTION	0.03	0.06	20.56	0	08:10
3000	JUNCTION	0.02	0.03	29.59	0	08:10
3001	JUNCTION	0.03	0.06	27.71	0	08:10
2000	JUNCTION	0.07	0.16	26.84	0	08:10
6002	JUNCTION	0.03	0.07	9.88	0	08:10
6001	JUNCTION	0.04	0.08	14.16	0	08:10
6000	JUNCTION	0.04	0.08	17.51	0	08:10
19051	JUNCTION	0.12	0.24	42.21	0	08:10
19062	JUNCTION	0.04	0.08	42.90	0	08:10
19107	JUNCTION	0.08	0.14	40.81	0	08:10
19115	JUNCTION	0.09	0.16	40.25	0	08:10
19064	JUNCTION	0.05	0.12	40.90	0	08:10
19057	JUNCTION	0.21	0.37	38.48	0	08:11
19067	JUNCTION	0.17	0.31	37.87	0	08:11
19120	JUNCTION	0.13	0.60	38.10	0	07:43
19086	JUNCTION	0.25	0.46	37.08	0	08:10
19077	JUNCTION	0.08	0.16	42.36	0	08:10
19076	JUNCTION	0.07	0.15	43.54	0	08:10
19081	JUNCTION	0.06	0.11	42.00	0	08:10
10000	JUNCTION	0.06	0.12	38.74	0	08:10
10001	JUNCTION	0.07	0.14	35.48	0	08:10
19130	JUNCTION	0.05	0.11	38.02	0	08:10
32040	JUNCTION	0.04	0.08	30.81	0	08:10
19112	JUNCTION	0.10	0.22	41.70	0	08:10
19111	JUNCTION	0.08	0.16	42.19	0	08:10
32065	JUNCTION	0.07	0.15	40.81	0	08:10
19101	JUNCTION	0.12	2.41	50.51	0	07:38
40001	JUNCTION	0.04	0.08	46.26	0	08:10
53085	JUNCTION	0.05	0.10	51.12	0	08:10
19125	JUNCTION	0.15	0.29	36.23	0	08:10
19126	JUNCTION	0.14	0.28	35.31	0	08:10
11006	JUNCTION	0.04	0.08	32.46	0	08:10
11002	JUNCTION	0.49	1.55	33.38	0	09:16
10006	JUNCTION	0.06	0.11	31.70	0	08:10
10002	JUNCTION	0.07	0.15	33.34	0	08:10
10003	JUNCTION	0.09	0.19	32.41	0	08:10
10016	JUNCTION	0.03	0.06	29.34	0	08:10
10017	JUNCTION	0.04	0.08	29.04	0	08:10
10010	JUNCTION	0.08	0.16	28.68	0	08:10
10019	JUNCTION	0.12	0.27	25.60	0	08:10

10021	JUNCTION	0.08	0.17	26.72	0	08:10
10023	JUNCTION	0.06	0.12	26.99	0	08:10
10022	JUNCTION	0.06	0.12	27.62	0	08:10
10025	JUNCTION	0.10	0.21	25.37	0	08:10
10030	JUNCTION	0.10	0.21	22.33	0	08:10
10027	JUNCTION	0.05	0.10	25.37	0	08:10
10026	JUNCTION	0.06	0.14	26.72	0	08:10
10036	JUNCTION	0.08	0.24	21.95	0	08:10
10037	JUNCTION	0.07	0.16	22.25	0	08:10
11035	JUNCTION	0.06	0.13	20.96	0	08:10
11030	JUNCTION	0.19	1.41	32.82	0	08:40
11031	JUNCTION	0.00	0.00	31.00	0	00:00
9001	JUNCTION	0.06	0.12	3.71	0	08:10
8005	JUNCTION	0.03	0.06	7.57	0	08:10
8001	JUNCTION	0.02	0.05	7.27	0	08:10
8002	JUNCTION	0.03	0.06	7.17	0	08:10
8010	JUNCTION	0.05	0.10	4.74	0	08:10
8011	JUNCTION	0.05	0.10	4.45	0	08:10
8015	JUNCTION	0.03	0.06	7.92	0	08:10
7020	JUNCTION	0.12	2.00	21.44	0	07:30
10055	JUNCTION	0.04	0.09	14.69	0	08:10
10043	JUNCTION	0.14	0.30	12.24	0	08:10
10041	JUNCTION	0.11	0.22	13.56	0	08:10
10052	JUNCTION	0.06	0.12	11.44	0	08:03
10051	JUNCTION	0.03	0.06	13.72	0	08:10
11056	JUNCTION	0.04	0.07	15.72	0	08:09
13011	JUNCTION	0.05	0.09	15.78	0	08:10
11050	JUNCTION	0.03	0.07	20.78	0	08:10
13005	JUNCTION	0.02	0.04	18.10	0	08:09
13004	JUNCTION	0.10	0.14	17.99	0	08:10
13010	JUNCTION	0.06	0.10	14.91	0	08:10
12000	JUNCTION	0.07	1.10	4.73	0	07:35
12001	JUNCTION	0.12	1.72	4.50	0	07:20
17128	JUNCTION	0.04	0.07	22.12	0	08:10
7026	JUNCTION	0.16	0.32	67.77	0	08:10
11057	JUNCTION	0.18	0.36	14.45	0	08:10
10045	JUNCTION	0.13	0.27	11.22	0	08:10
17085	JUNCTION	0.09	0.16	13.16	0	08:10
16040	JUNCTION	0.08	0.44	11.32	0	08:06
14002	JUNCTION	0.05	0.11	11.26	0	08:10
14001	JUNCTION	0.08	0.79	12.68	0	08:05
14000	JUNCTION	0.04	0.08	12.72	0	08:10
13020	JUNCTION	0.02	0.04	13.57	0	08:10
17087	JUNCTION	0.15	0.28	12.54	0	08:12
19056	JUNCTION	0.15	0.27	39.52	0	08:11
17053	JUNCTION	0.15	0.32	13.04	0	08:06
17051	JUNCTION	0.10	0.19	16.04	0	08:05
17151	JUNCTION	0.04	0.08	14.89	0	08:10
17040	JUNCTION	0.11	0.22	19.52	0	08:04
17039	JUNCTION	0.10	0.21	19.92	0	08:04
17080	JUNCTION	0.10	0.17	18.46	0	08:40
16023	JUNCTION	0.26	0.50	18.38	0	08:12
16018	JUNCTION	0.24	0.46	18.18	0	08:13
16025	JUNCTION	0.10	0.19	17.91	0	08:10
16026	JUNCTION	0.10	0.18	16.42	0	08:12
16032	JUNCTION	0.07	0.13	15.23	0	08:10
17086	JUNCTION	0.06	0.12	14.60	0	08:10
17084	JUNCTION	0.18	0.33	13.81	0	08:11
17083	JUNCTION	0.13	0.24	14.82	0	08:11
17082	JUNCTION	0.09	0.16	17.59	0	08:10
17096	JUNCTION	0.14	0.26	10.83	0	08:11
17155	JUNCTION	0.19	0.38	10.79	0	08:11
17060	JUNCTION	0.21	0.42	10.96	0	08:10
17147	JUNCTION	0.16	0.31	11.48	0	08:10
17145A	JUNCTION	0.11	0.21	12.82	0	08:10
17146	JUNCTION	0.07	0.15	15.39	0	08:10
17142	JUNCTION	0.04	0.08	14.55	0	08:10
17135A	JUNCTION	0.10	0.20	16.20	0	08:10
17127	JUNCTION	0.09	0.17	18.89	0	08:10
17125	JUNCTION	0.09	0.16	22.28	0	08:10
17132	JUNCTION	0.12	0.59	20.24	0	08:09
17130	JUNCTION	0.05	0.10	20.42	0	08:10
17038	JUNCTION	0.10	0.20	21.27	0	08:04
17126	JUNCTION	0.07	0.14	23.62	0	08:10
17110	JUNCTION	0.03	0.06	24.36	0	08:10
25000	JUNCTION	0.06	0.10	23.65	0	08:10
J18	JUNCTION	0.05	0.09	60.89	0	08:10
D-14	JUNCTION	0.10	0.18	25.75	0	08:10
27010	JUNCTION	0.06	0.12	25.91	0	08:10

D-15	JUNCTION	0.11	0.21	26.51	0	08:10
32086	JUNCTION	0.13	0.25	30.95	0	08:10
D-17	JUNCTION	0.11	0.20	27.99	0	08:11
32085	JUNCTION	0.08	0.16	31.43	0	08:10
D-18	JUNCTION	0.11	0.21	28.45	0	08:10
34002	JUNCTION	0.05	0.11	29.15	0	08:10
D-19	JUNCTION	0.03	0.05	28.87	0	08:10
39004	JUNCTION	0.19	0.38	33.70	0	08:10
39003	JUNCTION	0.13	0.27	36.42	0	08:10
39002	JUNCTION	0.11	0.20	39.67	0	08:10
39001	JUNCTION	0.09	0.16	44.26	0	08:10
50146	JUNCTION	0.04	0.08	45.40	0	08:10
D-18A	JUNCTION	0.07	0.13	30.58	0	08:10
32082	JUNCTION	0.03	0.07	32.05	0	08:10
17100A	JUNCTION	0.05	0.10	29.38	0	08:10
D-13A	JUNCTION	0.04	0.07	24.32	0	08:10
17133	JUNCTION	0.02	0.04	22.67	0	08:10
17030	JUNCTION	0.05	0.10	24.87	0	08:10
17031	JUNCTION	0.04	0.08	24.14	0	08:10
17032	JUNCTION	0.07	0.13	23.48	0	08:10
17034	JUNCTION	0.07	0.15	23.53	0	08:10
17035	JUNCTION	0.10	0.19	22.84	0	08:03
17025	JUNCTION	0.08	0.15	25.51	0	08:02
17105	JUNCTION	0.06	0.12	26.11	0	08:10
17106	JUNCTION	0.07	0.15	24.75	0	08:10
7154	JUNCTION	0.06	0.11	60.54	0	08:10
27006	JUNCTION	0.06	0.13	32.43	0	08:10
17020	JUNCTION	0.10	1.14	29.83	0	08:05
30002	JUNCTION	0.06	0.12	31.46	0	08:10
30001	JUNCTION	0.04	0.07	36.49	0	08:10
17021	JUNCTION	0.05	0.11	33.59	0	08:10
17010	JUNCTION	0.03	0.06	34.48	0	08:10
17001	JUNCTION	0.06	0.14	32.91	0	08:10
17000	JUNCTION	0.05	0.10	33.90	0	08:10
16011	JUNCTION	0.03	0.06	32.86	0	08:10
16010	JUNCTION	0.03	0.05	38.02	0	08:10
19123	JUNCTION	0.12	0.68	39.00	0	07:55
19122	JUNCTION	0.17	1.55	41.00	0	07:20
19121	JUNCTION	0.22	1.48	42.06	0	08:14
32056	JUNCTION	0.04	0.08	44.79	0	08:10
32055	JUNCTION	0.04	0.08	45.47	0	08:10
19110	JUNCTION	0.04	0.09	42.59	0	08:10
19114	JUNCTION	0.10	0.20	41.34	0	08:10
19019	JUNCTION	0.12	0.23	44.09	0	08:10
7165	JUNCTION	0.13	0.23	53.44	0	08:10
7017	JUNCTION	0.09	0.19	20.59	0	08:10
32001	JUNCTION	0.07	0.15	47.05	0	08:10
32002	JUNCTION	0.08	0.16	41.75	0	08:09
32007	JUNCTION	0.08	0.74	42.94	0	08:08
32015	JUNCTION	0.07	0.13	41.40	0	08:10
18010	JUNCTION	0.04	0.09	3.59	0	08:10
18001	JUNCTION	0.04	0.08	6.89	0	08:10
18005	JUNCTION	0.05	0.11	7.24	0	08:10
21001	JUNCTION	0.05	0.09	13.13	0	08:10
21002	JUNCTION	0.06	0.13	11.41	0	08:10
21011	JUNCTION	0.11	0.18	13.68	0	08:10
22002	JUNCTION	0.03	0.05	18.00	0	08:10
17070	JUNCTION	0.04	0.26	17.33	0	08:09
17069	JUNCTION	0.09	1.06	17.62	0	07:33
17071	JUNCTION	0.35	2.01	16.66	0	08:17
17072	JUNCTION	0.41	2.10	16.39	0	08:53
33000	JUNCTION	0.12	2.00	33.11	0	07:44
24020	JUNCTION	0.10	0.22	32.04	0	08:10
24010	JUNCTION	0.08	0.16	32.96	0	08:10
24015	JUNCTION	0.04	0.07	36.88	0	08:10
24002	JUNCTION	0.04	0.09	36.32	0	08:10
24006	JUNCTION	0.03	0.06	39.10	0	08:10
24001	JUNCTION	0.03	0.07	38.14	0	08:10
24030	JUNCTION	0.13	0.28	30.94	0	08:10
24040	JUNCTION	0.08	0.16	30.52	0	08:10
24046	JUNCTION	0.05	0.09	33.60	0	08:10
24056	JUNCTION	0.04	0.08	31.62	0	08:10
24057	JUNCTION	0.05	0.11	30.83	0	08:10
24050	JUNCTION	0.05	0.09	29.44	0	08:10
24060	JUNCTION	0.07	0.13	26.58	0	08:10
24070	JUNCTION	0.08	0.15	24.68	0	08:10
24087	JUNCTION	0.04	0.08	25.61	0	08:10
24080	JUNCTION	0.14	0.30	23.14	0	08:10
24090	JUNCTION	0.12	0.25	23.02	0	08:10

24105	JUNCTION	0.13	0.28	27.03	0	08:10
24095	JUNCTION	0.13	0.27	28.43	0	08:10
24100	JUNCTION	0.07	0.15	28.69	0	08:10
54016	JUNCTION	0.13	0.21	43.19	0	08:40
29001	JUNCTION	0.08	0.67	30.99	0	07:57
29002	JUNCTION	0.08	0.17	29.68	0	08:10
26003	JUNCTION	0.08	0.80	27.93	0	07:57
53089	JUNCTION	0.09	0.19	48.42	0	08:10
53100	JUNCTION	0.10	0.20	45.98	0	08:10
53097	JUNCTION	0.08	0.16	47.87	0	08:10
53096	JUNCTION	0.07	0.13	48.54	0	08:10
53095	JUNCTION	0.06	0.11	49.59	0	08:10
53040	JUNCTION	0.07	0.12	51.62	0	08:11
53030	JUNCTION	0.12	0.24	51.94	0	08:11
53013	JUNCTION	0.09	0.18	52.90	0	08:11
53047	JUNCTION	0.09	0.18	46.03	0	08:10
53046	JUNCTION	0.03	0.06	51.41	0	08:10
53025	JUNCTION	0.07	0.14	52.88	0	08:10
53020	JUNCTION	0.13	0.27	52.42	0	08:11
53015	JUNCTION	0.07	0.15	53.38	0	08:10
53012	JUNCTION	0.10	0.22	53.37	0	08:11
39035	JUNCTION	0.06	0.11	45.17	0	08:10
39036	JUNCTION	0.05	0.10	44.71	0	08:10
39045	JUNCTION	0.08	0.16	44.02	0	08:10
39040	JUNCTION	0.05	0.09	45.56	0	08:10
53086	JUNCTION	0.07	0.14	49.72	0	08:10
53087	JUNCTION	0.09	0.21	49.61	0	08:10
53088	JUNCTION	0.09	0.18	49.05	0	08:10
53120	JUNCTION	0.05	0.10	48.46	0	08:10
53131	JUNCTION	0.06	0.13	48.12	0	08:10
36001	JUNCTION	0.05	0.10	51.27	0	08:10
36000	JUNCTION	0.03	0.07	51.71	0	08:10
36002	JUNCTION	0.08	0.16	50.04	0	08:10
36005	JUNCTION	0.05	0.10	51.17	0	08:10
36016	JUNCTION	0.09	0.13	52.69	0	08:10
36017	JUNCTION	0.04	0.08	51.42	0	08:10
36025	JUNCTION	0.03	0.07	53.37	0	08:10
36020	JUNCTION	0.07	0.15	43.73	0	08:10
37000	JUNCTION	0.05	0.11	38.58	0	08:10
39060	JUNCTION	0.04	0.08	40.48	0	08:10
39061	JUNCTION	0.08	0.18	33.52	0	08:10
37005	JUNCTION	0.06	0.51	35.06	0	08:01
37003	JUNCTION	0.09	0.66	34.90	0	07:50
37002	JUNCTION	0.09	1.14	35.80	0	07:50
36031	JUNCTION	0.08	0.16	35.95	0	08:10
36035	JUNCTION	0.04	0.08	40.13	0	08:10
36010	JUNCTION	0.06	0.13	49.23	0	08:10
53010	JUNCTION	0.04	0.07	54.66	0	08:10
53011	JUNCTION	0.08	0.15	54.10	0	08:10
39005	JUNCTION	0.04	0.07	54.87	0	08:10
39006	JUNCTION	0.04	0.07	50.59	0	08:10
39007	JUNCTION	0.06	0.12	42.40	0	08:10
39008	JUNCTION	0.09	0.19	39.40	0	08:10
39050	JUNCTION	0.12	0.25	34.55	0	08:10
39009	JUNCTION	0.09	0.19	38.87	0	08:10
39030	JUNCTION	0.07	0.14	43.47	0	08:10
39025	JUNCTION	0.04	0.08	46.78	0	08:10
53150	JUNCTION	0.68	1.10	35.53	0	08:09
53105	JUNCTION	0.04	0.07	42.85	0	08:10
26001	JUNCTION	0.05	0.11	30.26	0	08:10
26000	JUNCTION	0.04	0.08	31.68	0	08:10
26002	JUNCTION	0.07	0.17	29.63	0	08:10
28001	JUNCTION	0.06	0.12	27.95	0	08:10
29005	JUNCTION	0.06	0.13	31.50	0	08:10
53102	JUNCTION	0.05	0.09	40.87	0	08:10
53101	JUNCTION	0.07	0.14	43.32	0	08:10
41002	JUNCTION	1.21	1.84	35.56	0	10:01
41001	JUNCTION	1.28	1.97	36.88	0	11:17
46000	JUNCTION	0.04	0.07	41.68	0	08:10
46001	JUNCTION	0.07	0.14	38.98	0	08:10
46002	JUNCTION	0.05	0.11	37.89	0	08:10
42000	JUNCTION	0.07	0.16	36.15	0	08:10
44000	JUNCTION	0.03	0.05	37.57	0	08:10
42001	JUNCTION	0.09	0.19	35.61	0	08:10
40010	JUNCTION	0.08	0.16	36.06	0	08:10
40002	JUNCTION	0.05	0.09	41.49	0	08:10
40015	JUNCTION	0.04	0.08	45.78	0	08:10
43005	JUNCTION	0.05	0.09	43.82	0	08:10
40017	JUNCTION	0.06	0.13	39.65	0	08:10

43001	JUNCTION	0.06	0.12	40.11	0	08:10
43000	JUNCTION	0.03	0.05	40.61	0	08:10
45002	JUNCTION	0.04	0.07	37.93	0	08:10
47004	JUNCTION	0.06	0.13	38.64	0	08:10
47010	JUNCTION	0.06	0.13	37.75	0	08:10
47016	JUNCTION	0.06	0.17	37.35	0	08:10
47015	JUNCTION	0.05	0.10	37.79	0	08:10
47020	JUNCTION	0.03	0.05	37.50	0	08:10
48010	JUNCTION	0.12	0.23	39.02	0	08:12
19102	JUNCTION	0.16	1.70	49.68	0	07:37
19103	JUNCTION	0.05	0.13	49.05	0	08:10
19090	JUNCTION	0.11	1.82	51.64	0	07:39
47005	JUNCTION	0.05	0.11	41.26	0	08:10
47001	JUNCTION	0.03	0.06	50.17	0	08:10
47002	JUNCTION	0.07	0.14	45.68	0	08:10
19093	JUNCTION	0.29	1.85	50.20	0	08:27
19092	JUNCTION	0.20	1.85	50.82	0	07:37
19091	JUNCTION	0.16	1.78	51.24	0	07:39
19001	JUNCTION	0.07	0.15	56.99	0	08:10
19000	JUNCTION	0.06	0.12	57.77	0	08:10
19002	JUNCTION	0.09	0.18	56.37	0	08:10
40016	JUNCTION	0.05	0.10	42.15	0	08:10
51035	JUNCTION	0.06	0.11	55.87	0	08:10
19005	JUNCTION	0.08	0.17	57.60	0	08:10
19010	JUNCTION	0.06	0.13	56.64	0	08:10
19011	JUNCTION	0.07	0.15	56.22	0	08:10
19012	JUNCTION	0.09	0.19	55.67	0	08:10
19006	JUNCTION	0.11	0.23	55.09	0	08:10
19028	JUNCTION	0.06	0.14	54.28	0	08:10
19027	JUNCTION	0.06	0.12	52.69	0	08:10
19026	JUNCTION	0.05	0.10	53.40	0	08:10
19013	JUNCTION	0.10	0.21	52.96	0	08:10
J15	JUNCTION	0.09	0.18	55.88	0	08:10
19016	JUNCTION	0.12	0.27	46.55	0	08:10
19042	JUNCTION	0.05	0.11	47.33	0	08:10
19040	JUNCTION	0.04	0.07	47.82	0	08:10
19041	JUNCTION	0.05	0.09	46.86	0	08:10
7164	JUNCTION	0.05	0.11	55.22	0	08:10
7161	JUNCTION	0.13	0.27	56.78	0	08:10
7162	JUNCTION	0.07	0.15	58.65	0	08:10
7111	JUNCTION	0.06	0.13	57.58	0	08:10
7112	JUNCTION	0.08	0.17	55.51	0	08:10
7175	JUNCTION	0.05	0.09	54.54	0	08:10
7176	JUNCTION	0.07	0.15	52.50	0	08:10
7160	JUNCTION	0.04	0.08	58.00	0	08:10
7159	JUNCTION	0.15	0.31	57.66	0	08:10
7158	JUNCTION	0.14	0.28	58.31	0	08:10
7148	JUNCTION	0.14	0.30	60.23	0	08:10
7147	JUNCTION	0.09	0.19	61.81	0	08:10
7143	JUNCTION	0.09	0.18	63.39	0	08:10
7146	JUNCTION	0.04	0.09	63.68	0	08:10
7152	JUNCTION	0.04	0.09	62.18	0	08:10
7153	JUNCTION	0.06	0.11	61.29	0	08:10
7151	JUNCTION	0.03	0.07	62.44	0	08:10
7051	JUNCTION	0.07	0.14	65.31	0	08:10
7150	JUNCTION	0.03	0.06	62.98	0	08:10
7052	JUNCTION	0.02	0.04	66.28	0	08:10
7055	JUNCTION	0.05	0.10	65.74	0	08:10
7054	JUNCTION	0.07	0.14	64.72	0	08:10
7156	JUNCTION	0.03	0.05	62.57	0	08:10
7155	JUNCTION	0.14	0.27	59.27	0	08:10
7157	JUNCTION	0.05	0.10	59.87	0	08:10
7063	JUNCTION	0.09	0.16	63.41	0	08:10
7065	JUNCTION	0.04	0.08	65.51	0	08:10
7060	JUNCTION	0.02	0.04	64.94	0	08:10
7066	JUNCTION	0.08	0.15	62.62	0	08:10
7067	JUNCTION	0.04	0.07	64.88	0	08:10
7110	JUNCTION	0.04	0.09	61.27	0	08:10
7116	JUNCTION	0.06	0.12	57.02	0	08:10
7115	JUNCTION	0.04	0.07	59.30	0	08:10
7085	JUNCTION	0.17	0.33	60.22	0	08:10
7101	JUNCTION	0.05	0.10	61.01	0	08:10
7100	JUNCTION	0.06	0.12	62.47	0	08:10
7097	JUNCTION	0.22	0.44	57.42	0	08:10
7102	JUNCTION	0.22	0.45	56.74	0	08:11
7087	JUNCTION	0.18	0.35	58.73	0	08:10
7092	JUNCTION	0.06	0.11	59.62	0	08:10
7091	JUNCTION	0.05	0.10	62.69	0	08:10
7090	JUNCTION	0.04	0.08	69.53	0	08:10

7081	JUNCTION	0.08	0.17	65.18	0	08:10
7082	JUNCTION	0.06	0.11	66.78	0	08:10
J119	JUNCTION	0.06	0.11	68.76	0	08:10
7071	JUNCTION	0.07	0.12	67.16	0	08:10
23002	JUNCTION	0.07	0.14	23.79	0	08:11
23000	JUNCTION	0.05	0.11	24.43	0	08:10
54002	JUNCTION	0.05	0.09	40.34	0	08:11
54075	JUNCTION	0.04	0.08	54.51	0	08:10
17066	JUNCTION	0.06	0.13	21.55	0	08:10
17067	JUNCTION	0.06	0.12	21.13	0	08:10
17068	JUNCTION	0.05	0.11	19.17	0	08:10
23010	JUNCTION	0.09	0.18	23.32	0	08:10
17045	JUNCTION	0.03	0.07	20.92	0	08:10
17046	JUNCTION	0.04	0.09	19.72	0	08:10
17047	JUNCTION	0.06	0.13	19.66	0	08:10
17061	JUNCTION	0.05	0.08	11.70	0	08:10
17074	JUNCTION	0.20	0.38	10.55	0	08:11
17095	JUNCTION	0.15	0.28	11.70	0	08:11
17089	JUNCTION	0.07	0.13	11.17	0	08:04
19036	JUNCTION	0.11	0.23	44.60	0	08:10
53136	JUNCTION	0.09	0.18	40.36	0	08:10
53125	JUNCTION	0.12	0.24	45.45	0	08:10
32006	JUNCTION	0.03	0.06	46.37	0	08:10
32005	JUNCTION	0.02	0.05	48.29	0	08:10
19045	JUNCTION	0.14	0.31	43.79	0	08:10
11037	JUNCTION	0.08	0.17	19.52	0	08:10
11021	JUNCTION	0.17	0.33	28.43	0	08:11
11015	JUNCTION	0.10	0.17	28.45	0	08:08
11016	JUNCTION	0.32	0.70	28.05	0	08:12
11025	JUNCTION	0.04	0.13	27.43	0	08:08
11045	JUNCTION	0.26	0.50	27.31	0	08:12
11026	JUNCTION	0.10	0.21	26.21	0	08:10
11033	JUNCTION	0.06	0.13	25.84	0	08:10
11046	JUNCTION	0.22	0.44	26.35	0	08:13
40000	JUNCTION	0.03	0.05	46.70	0	08:10
10039	JUNCTION	0.05	0.11	18.64	0	08:10
11047	JUNCTION	0.16	0.29	24.61	0	08:13
11048	JUNCTION	0.18	0.35	20.56	0	08:13
11040	JUNCTION	0.12	0.26	18.91	0	08:10
10050	JUNCTION	0.01	0.02	15.81	0	08:10
11041	JUNCTION	0.17	0.32	18.82	0	08:10
16022	JUNCTION	0.09	0.17	21.14	0	08:12
16021	JUNCTION	0.24	0.47	21.44	0	08:13
16020	JUNCTION	0.27	0.52	21.77	0	08:13
13001	JUNCTION	0.15	1.02	19.77	0	08:38
13002	JUNCTION	0.09	0.15	18.53	0	08:38
16030	JUNCTION	0.06	0.12	18.36	0	08:09
16031	JUNCTION	0.08	0.16	16.99	0	08:10
13003	JUNCTION	0.06	0.11	18.28	0	08:10
7351	JUNCTION	0.17	0.34	26.29	0	08:11
7350	JUNCTION	0.27	0.54	26.83	0	08:10
7270	JUNCTION	0.28	0.58	27.31	0	08:11
7329	JUNCTION	0.17	0.32	29.62	0	08:10
7286	JUNCTION	0.04	0.07	27.09	0	08:10
7287	JUNCTION	0.07	0.15	26.87	0	08:08
10032	JUNCTION	0.09	0.20	21.51	0	08:10
10031	JUNCTION	0.11	0.22	19.50	0	08:10
10033	JUNCTION	0.17	0.36	15.29	0	08:10
10034	JUNCTION	0.19	0.42	14.58	0	08:10
10040	JUNCTION	0.19	0.40	14.23	0	08:10
11038	JUNCTION	0.06	0.12	19.93	0	08:10
13025	JUNCTION	0.07	0.14	5.18	0	08:10
11058	JUNCTION	0.24	0.71	2.89	0	08:11
12002	JUNCTION	0.19	1.48	3.20	0	08:09
7136	JUNCTION	0.05	0.10	66.67	0	08:10
7135	JUNCTION	0.04	0.08	67.24	0	08:10
7125	JUNCTION	0.04	0.07	66.16	0	08:10
7127	JUNCTION	0.00	0.00	64.52	0	00:00
7035	JUNCTION	0.10	0.21	68.71	0	08:10
7126	JUNCTION	0.06	0.12	64.31	0	08:10
7128	JUNCTION	0.07	0.14	64.04	0	08:10
7139	JUNCTION	0.05	0.10	64.90	0	08:10
7138	JUNCTION	0.08	0.15	64.62	0	08:10
49000	JUNCTION	0.09	0.83	63.22	0	07:23
7078	JUNCTION	0.11	0.21	63.76	0	08:10
7077	JUNCTION	0.13	0.24	64.66	0	08:10
7076	JUNCTION	0.15	0.30	65.18	0	08:10
7074	JUNCTION	0.08	0.18	66.33	0	08:10
7073	JUNCTION	0.12	0.24	65.96	0	08:10

7075	JUNCTION	0.08	0.16	67.20	0	08:10
7038	JUNCTION	0.17	0.34	66.82	0	08:10
7037	JUNCTION	0.19	0.37	67.24	0	08:11
7043	JUNCTION	0.19	0.37	65.66	0	08:10
53002	JUNCTION	0.07	0.14	50.17	0	08:10
39000	JUNCTION	0.08	0.14	50.17	0	08:10
50147	JUNCTION	0.05	0.10	42.38	0	08:10
50148	JUNCTION	0.08	0.17	39.31	0	08:10
50149	JUNCTION	0.09	0.19	38.64	0	08:10
53000	JUNCTION	0.06	0.13	51.17	0	08:10
53001	JUNCTION	0.07	0.13	50.82	0	08:10
47011	JUNCTION	0.24	0.52	37.29	0	08:08
50016	JUNCTION	0.12	0.71	57.40	0	07:34
53170	JUNCTION	0.04	0.07	31.08	0	08:10
53151	JUNCTION	0.87	1.23	35.46	0	08:06
53155	JUNCTION	0.04	0.09	36.10	0	08:10
29000	JUNCTION	0.06	0.12	32.30	0	08:10
39010	JUNCTION	0.03	0.07	48.68	0	08:10
39015	JUNCTION	0.03	0.07	48.35	0	08:10
53071	JUNCTION	0.19	0.40	39.30	0	08:11
53070	JUNCTION	0.19	0.40	39.53	0	08:11
53061	JUNCTION	0.21	0.46	40.07	0	08:11
53060	JUNCTION	0.46	3.06	42.96	0	08:11
53055	JUNCTION	0.06	0.12	45.58	0	08:10
53005	JUNCTION	0.07	0.15	47.10	0	08:10
53041	JUNCTION	0.08	0.74	43.07	0	08:11
53066	JUNCTION	0.10	0.21	42.41	0	08:11
53168	JUNCTION	0.12	0.26	25.25	0	08:10
50001	JUNCTION	0.07	0.13	45.80	0	08:10
50000	JUNCTION	0.07	0.13	46.29	0	08:10
50010	JUNCTION	0.09	0.18	45.48	0	08:10
50011	JUNCTION	0.15	0.37	45.29	0	08:12
50040	JUNCTION	0.16	0.35	44.57	0	08:12
50041	JUNCTION	0.17	0.38	44.16	0	08:10
50055	JUNCTION	0.15	0.23	47.88	0	08:10
50070	JUNCTION	0.02	0.05	52.69	0	08:10
50071	JUNCTION	0.04	0.09	50.47	0	08:10
50061	JUNCTION	0.13	0.26	43.25	0	08:11
50062	JUNCTION	0.14	0.28	40.50	0	08:11
50063	JUNCTION	0.20	0.42	39.03	0	08:10
50064	JUNCTION	0.15	0.36	38.54	0	08:11
50065	JUNCTION	0.18	0.65	38.33	0	08:11
50090	JUNCTION	0.08	0.17	43.04	0	08:10
50100	JUNCTION	0.09	0.18	41.16	0	08:10
50120	JUNCTION	0.10	0.19	39.72	0	08:10
50132	JUNCTION	0.05	0.10	40.54	0	08:10
50140	JUNCTION	0.07	0.14	38.79	0	08:10
50141	JUNCTION	0.09	0.21	38.22	0	08:10
50135	JUNCTION	0.04	0.08	45.58	0	08:10
50107	JUNCTION	0.04	0.08	47.89	0	08:10
50110	JUNCTION	0.04	0.07	48.33	0	08:10
50106	JUNCTION	0.03	0.06	51.61	0	08:10
50095	JUNCTION	0.02	0.05	50.51	0	08:10
50105	JUNCTION	0.03	0.06	54.27	0	08:10
50080	JUNCTION	0.03	0.06	57.00	0	08:10
50077	JUNCTION	0.04	0.08	55.79	0	08:10
50076	JUNCTION	0.05	0.11	56.67	0	08:10
50075	JUNCTION	0.04	0.08	57.79	0	08:10
50085	JUNCTION	0.05	0.10	51.64	0	08:10
50045	JUNCTION	0.09	0.19	48.61	0	08:10
50020	JUNCTION	0.05	0.10	56.73	0	08:10
50025	JUNCTION	0.07	0.16	54.35	0	08:10
50026	JUNCTION	0.07	0.14	51.40	0	08:10
50028	JUNCTION	0.07	0.14	48.65	0	08:10
50018	JUNCTION	0.05	0.10	55.39	0	08:10
50017	JUNCTION	0.06	0.11	56.56	0	08:10
50015	JUNCTION	0.11	0.96	58.00	0	07:34
51005	JUNCTION	0.06	0.12	57.23	0	08:10
51001	JUNCTION	0.07	0.15	56.86	0	08:10
51020	JUNCTION	0.11	0.22	56.45	0	08:10
51015	JUNCTION	0.07	0.17	56.81	0	08:10
51021	JUNCTION	0.12	0.26	56.19	0	08:10
51022	JUNCTION	0.13	0.30	56.00	0	08:10
51023	JUNCTION	0.14	0.29	55.76	0	08:11
51041	JUNCTION	0.12	0.25	55.30	0	08:10
51040	JUNCTION	0.16	0.31	55.37	0	08:10
51027	JUNCTION	0.10	0.19	56.16	0	08:10
51026	JUNCTION	0.06	0.12	56.35	0	08:10
51030	JUNCTION	0.04	0.08	56.26	0	08:10

39080	JUNCTION	0.03	0.06	58.80	0	08:10
39076	JUNCTION	0.06	0.12	58.60	0	08:10
39075	JUNCTION	0.06	0.11	59.02	0	08:10
7044	JUNCTION	0.18	0.36	64.76	0	08:10
7142	JUNCTION	0.09	0.17	63.95	0	08:10
7046	JUNCTION	0.03	0.05	64.70	0	08:10
7047	JUNCTION	0.15	0.30	60.07	0	08:11
7068	JUNCTION	0.09	0.17	60.93	0	08:10
7069	JUNCTION	0.22	0.40	55.35	0	08:11
39055	JUNCTION	0.20	0.40	32.78	0	08:11
5027	JUNCTION	0.26	0.41	8.50	0	08:10
5006	JUNCTION	0.20	0.96	9.23	0	08:10
5022	JUNCTION	0.09	0.68	9.33	0	08:10
5025	JUNCTION	0.02	0.05	16.14	0	08:10
7231	JUNCTION	0.04	0.07	45.56	0	08:10
19060	JUNCTION	0.02	0.04	43.98	0	08:10
19052	JUNCTION	0.12	0.24	40.74	0	08:10
19055	JUNCTION	0.16	0.35	41.27	0	08:11
19063	JUNCTION	0.07	0.14	40.35	0	08:10
19065	JUNCTION	0.06	0.13	41.71	0	08:10
19029	JUNCTION	0.07	0.14	53.71	0	08:10
7061	JUNCTION	0.08	0.15	63.98	0	08:10
7056	JUNCTION	0.07	0.14	64.33	0	08:10
7131	JUNCTION	0.12	0.24	63.79	0	08:10
7053	JUNCTION	0.07	0.14	65.10	0	08:10
2001	JUNCTION	0.04	0.08	26.60	0	08:10
7050	JUNCTION	0.06	0.11	65.50	0	08:10
7341	JUNCTION	0.10	0.21	33.44	0	08:10
17037	JUNCTION	0.05	0.12	22.05	0	08:10
11	JUNCTION	0.00	0.00	0.00	0	00:00
7232	JUNCTION	0.04	0.07	45.03	0	08:10
7236	JUNCTION	0.05	0.09	46.39	0	08:10
7237	JUNCTION	0.07	0.14	45.21	0	08:10
20012	JUNCTION	0.04	0.08	57.55	0	08:10
20013	JUNCTION	0.06	0.12	57.36	0	08:10
7294	JUNCTION	0.05	0.09	55.35	0	08:10
7299	JUNCTION	0.03	0.05	55.53	0	08:10
7298	JUNCTION	0.06	0.13	53.43	0	08:10
7261	JUNCTION	0.04	0.07	38.02	0	08:10
16007	JUNCTION	0.05	0.11	32.03	0	08:10
17002	JUNCTION	0.34	2.03	31.06	0	08:15
17006	JUNCTION	0.34	2.00	30.94	0	09:04
17015	JUNCTION	0.33	2.00	30.84	0	09:04
17011	JUNCTION	0.03	0.07	32.38	0	08:10
11005	JUNCTION	0.02	0.03	32.61	0	08:10
11036	JUNCTION	0.05	0.10	19.93	0	08:10
17076	JUNCTION	0.07	0.11	22.97	0	08:40
19030	JUNCTION	0.06	0.13	46.90	0	08:10
17	JUNCTION	0.00	0.00	58.66	0	00:00
7040	JUNCTION	0.07	0.14	67.83	0	08:10
7041	JUNCTION	0.09	0.18	67.52	0	08:10
17079	JUNCTION	0.05	0.11	19.72	0	08:10
17077	JUNCTION	0.09	0.15	19.50	0	08:40
9010	JUNCTION	0.04	0.09	3.00	0	08:10
8020	JUNCTION	0.06	0.12	2.29	0	08:10
9000	JUNCTION	0.02	0.05	5.72	0	08:10
7338	JUNCTION	0.07	0.14	37.70	0	08:10
50131	JUNCTION	0.03	0.06	41.45	0	08:10
50130	JUNCTION	0.02	0.03	44.44	0	08:10
50066	JUNCTION	0.29	0.92	37.93	0	08:11
50072	JUNCTION	0.07	0.14	46.91	0	08:10
50096	JUNCTION	0.03	0.06	45.30	0	08:10
50060	JUNCTION	0.17	0.38	43.78	0	08:11
50031	JUNCTION	0.22	0.52	45.12	0	08:11
50035	JUNCTION	0.03	0.06	48.66	0	08:10
50050	JUNCTION	0.06	0.12	50.17	0	08:10
50005	JUNCTION	0.00	0.00	48.13	0	00:00
55	JUNCTION	0.00	0.00	0.00	0	00:00
51025	JUNCTION	0.02	0.05	56.48	0	08:10
7332	JUNCTION	0.12	1.46	37.62	0	08:13
20030	JUNCTION	0.16	2.00	35.91	0	08:12
7323	JUNCTION	0.34	1.69	39.97	0	08:44
7309	JUNCTION	0.38	1.61	39.21	0	08:58
7325	JUNCTION	0.12	0.19	37.25	0	08:10
7328	JUNCTION	0.11	0.18	32.09	0	08:10
1000	JUNCTION	0.05	0.10	31.61	0	08:10
52001	JUNCTION	0.00	0.00	52.00	0	00:00
34010	JUNCTION	0.05	0.08	30.22	0	08:10
31001	JUNCTION	0.03	0.05	30.44	0	08:10

24000	JUNCTION	0.03	0.06	42.22	0	08:10
24005	JUNCTION	0.02	0.05	42.72	0	08:10
24085	JUNCTION	0.03	0.07	26.71	0	08:10
24086	JUNCTION	0.04	0.07	26.48	0	08:10
17141	JUNCTION	0.03	0.07	15.52	0	08:10
17160	JUNCTION	0.16	0.29	9.67	0	08:11
17091	JUNCTION	0.10	0.19	7.62	0	08:11
17161	JUNCTION	0.09	0.16	8.31	0	08:12
17162	JUNCTION	0.22	0.43	1.64	0	08:11
17107	JUNCTION	0.01	0.02	24.77	0	08:10
17092	JUNCTION	0.02	0.03	2.97	0	08:10
31000	JUNCTION	0.02	0.04	31.57	0	08:10
11010	JUNCTION	0.17	0.66	31.43	0	08:08
7313	JUNCTION	0.06	0.11	45.66	0	08:10
10004	JUNCTION	0.07	0.15	31.63	0	08:10
5001	JUNCTION	0.03	0.06	22.78	0	08:10
7005	JUNCTION	0.03	0.06	28.17	0	08:10
5000	JUNCTION	0.03	0.05	24.95	0	08:10
5002	JUNCTION	0.06	0.12	22.38	0	08:10
5005	JUNCTION	0.08	0.16	17.22	0	08:10
5012	JUNCTION	0.04	0.07	13.39	0	08:10
10056	JUNCTION	0.06	0.13	14.58	0	08:10
10057	JUNCTION	0.04	0.07	11.44	0	08:10
10053	JUNCTION	0.13	0.27	9.94	0	08:10
36050	JUNCTION	0.04	0.08	41.57	0	08:10
36046	JUNCTION	0.09	0.19	34.79	0	08:10
36040	JUNCTION	0.13	0.26	32.95	0	08:10
35005	JUNCTION	0.08	0.16	32.85	0	08:10
35006	JUNCTION	0.08	0.16	32.46	0	08:10
35003	JUNCTION	0.06	0.11	40.58	0	08:10
35002	JUNCTION	0.05	0.10	45.19	0	08:10
35001	JUNCTION	0.04	0.08	48.74	0	08:10
35000	JUNCTION	0.05	0.10	49.20	0	08:10
19104	JUNCTION	0.12	0.96	48.85	0	07:37
19105	JUNCTION	0.22	0.96	48.15	0	08:44
19106	JUNCTION	0.22	0.80	47.22	0	09:15
19094	JUNCTION	0.25	1.52	46.76	0	07:41
19018	JUNCTION	0.24	1.16	45.40	0	08:10
19050	JUNCTION	0.06	0.20	43.78	0	08:10
19044	JUNCTION	0.05	0.10	44.82	0	08:10
19031	JUNCTION	0.09	0.18	45.53	0	08:10
19032	JUNCTION	0.04	0.08	48.63	0	08:10
7197	JUNCTION	0.18	2.00	55.64	0	07:26
7194	JUNCTION	0.15	2.00	58.83	0	08:10
7196	JUNCTION	0.30	2.00	55.14	0	09:13
7105A	JUNCTION	0.24	0.45	54.75	0	08:11
7105	JUNCTION	0.21	0.36	54.62	0	08:11
7145	JUNCTION	0.03	0.05	64.09	0	08:10
7120	JUNCTION	0.22	0.41	51.75	0	08:11
19035	JUNCTION	0.09	0.19	45.37	0	08:10
7228	JUNCTION	0.08	0.38	47.15	0	08:09
7241	JUNCTION	0.05	0.10	46.60	0	08:10
7229	JUNCTION	0.17	0.33	45.82	0	08:10
7245	JUNCTION	0.06	0.12	51.67	0	08:10
7271	JUNCTION	0.03	0.07	36.06	0	08:10
7265	JUNCTION	0.08	0.17	35.48	0	08:10
5003	JUNCTION	0.10	0.20	20.15	0	08:10
11032	JUNCTION	0.00	0.00	29.40	0	00:00
40003	JUNCTION	0.08	0.17	36.95	0	08:10
17026	JUNCTION	0.11	0.23	23.10	0	08:03
17081	JUNCTION	0.10	0.17	18.30	0	08:40
13015	JUNCTION	0.07	0.12	11.37	0	08:10
15005	JUNCTION	0.06	0.12	1.13	0	08:10
16041	JUNCTION	0.08	0.23	10.55	0	08:10
23005	JUNCTION	0.04	0.08	24.34	0	08:10
39020	JUNCTION	0.05	0.10	47.48	0	08:10
39021	JUNCTION	0.06	0.12	46.30	0	08:10
8006	JUNCTION	0.04	0.09	7.49	0	08:10
11007	JUNCTION	0.14	0.33	31.42	0	08:11
16005	JUNCTION	0.07	1.30	34.83	0	08:09
24091	JUNCTION	0.19	0.40	22.64	0	08:10
24026	JUNCTION	0.27	0.33	36.01	0	08:10
24035	JUNCTION	0.03	0.07	32.66	0	08:10
40005	JUNCTION	0.05	0.09	37.10	0	08:10
32000	JUNCTION	0.07	0.18	49.96	0	08:10
24065	JUNCTION	0.03	0.06	29.88	0	08:10
21010	JUNCTION	0.04	0.08	15.70	0	08:10
17056	JUNCTION	0.05	0.10	13.22	0	08:10
17152	JUNCTION	0.07	0.17	12.82	0	08:10

19021	JUNCTION	0.08	0.37	44.74	0	08:00
19022	JUNCTION	0.09	0.30	44.50	0	08:00
19053	JUNCTION	0.19	0.38	40.14	0	08:11
48015	JUNCTION	0.22	0.40	36.68	0	08:50
11001	JUNCTION	0.25	1.45	33.99	0	07:30
17131	JUNCTION	0.08	0.52	20.32	0	08:09
53116	JUNCTION	0.08	0.15	48.15	0	08:10
47000	JUNCTION	0.04	0.08	50.77	0	08:10
7233	JUNCTION	0.06	0.11	44.70	0	08:10
7339	JUNCTION	0.06	0.12	38.86	0	08:10
10007	JUNCTION	0.03	0.06	32.07	0	08:10
7016	JUNCTION	0.02	0.03	23.56	0	08:10
17050	JUNCTION	0.08	0.15	17.86	0	08:04
35004	JUNCTION	0.06	0.12	37.18	0	08:10
19082	JUNCTION	0.09	0.18	40.22	0	08:10
7015	JUNCTION	0.02	0.03	24.19	0	08:10
43010	JUNCTION	0.04	0.08	44.18	0	08:10
37001	JUNCTION	0.03	0.06	38.11	0	08:10
7036	JUNCTION	0.11	0.22	67.72	0	08:10
19061	JUNCTION	0.03	0.07	41.99	0	08:10
7057	JUNCTION	0.08	0.15	64.11	0	08:10
7062	JUNCTION	0.07	0.14	63.72	0	08:10
7095	JUNCTION	0.15	0.28	58.20	0	08:10
7096	JUNCTION	0.02	0.05	59.11	0	08:10
7086	JUNCTION	0.16	0.30	59.52	0	08:10
7103	JUNCTION	0.21	0.41	56.36	0	08:11
7190	JUNCTION	0.04	0.07	70.82	0	08:10
19095	JUNCTION	0.14	1.40	48.73	0	08:14
48005	JUNCTION	0.04	0.09	40.98	0	08:11
7202	JUNCTION	0.06	0.13	55.38	0	08:10
20001	JUNCTION	0.03	0.07	62.89	0	08:10
20011	JUNCTION	0.04	0.09	62.50	0	08:10
J16	JUNCTION	0.06	0.13	57.92	0	08:10
7291	JUNCTION	0.05	0.10	55.62	0	08:10
7293	JUNCTION	0.05	0.09	55.38	0	08:10
7296	JUNCTION	0.05	0.11	55.43	0	08:10
7297	JUNCTION	0.04	0.08	55.28	0	08:10
20020	JUNCTION	0.09	0.19	50.89	0	08:10
7310	JUNCTION	0.03	0.07	56.86	0	08:10
20025	JUNCTION	0.03	0.06	44.97	0	08:10
20035	JUNCTION	0.04	0.09	42.87	0	08:10
7319	JUNCTION	0.05	0.09	50.45	0	08:10
7322	JUNCTION	0.23	1.37	40.41	0	07:22
7327	JUNCTION	0.03	0.06	37.44	0	08:10
7326	JUNCTION	0.03	0.06	37.70	0	08:10
4	JUNCTION	0.00	0.00	0.00	0	00:00
7330	JUNCTION	0.05	0.11	46.38	0	08:10
7346	JUNCTION	0.07	0.15	29.67	0	08:10
7268	JUNCTION	0.05	0.10	32.15	0	08:10
7010	JUNCTION	0.03	0.07	27.79	0	08:10
7022	JUNCTION	0.00	0.00	26.64	0	00:00
7012	JUNCTION	0.03	0.05	29.34	0	08:10
5015	JUNCTION	0.03	0.06	18.36	0	08:10
5020	JUNCTION	0.03	0.05	17.11	0	08:10
5016	JUNCTION	0.04	0.07	13.58	0	08:10
5021	JUNCTION	0.04	0.07	13.44	0	08:10
5031	JUNCTION	0.04	0.09	10.57	0	08:10
5026	JUNCTION	0.03	0.07	12.09	0	08:10
4000	JUNCTION	0.08	1.32	3.02	0	07:33
5030	JUNCTION	0.03	0.05	13.33	0	08:10
8016	JUNCTION	0.04	0.08	4.70	0	08:10
10015	JUNCTION	0.04	0.08	30.29	0	08:10
9005	JUNCTION	0.04	0.08	4.68	0	08:10
7355	JUNCTION	0.26	0.50	18.24	0	08:12
7018	JUNCTION	0.69	1.57	19.69	0	08:12
8000	JUNCTION	0.02	0.04	8.87	0	08:10
11034	JUNCTION	0.09	0.19	19.17	0	08:10
11055	JUNCTION	0.21	0.42	15.54	0	08:10
12005	JUNCTION	0.08	1.26	3.97	0	07:29
11051	JUNCTION	0.10	0.19	19.75	0	08:10
37	JUNCTION	0.00	0.00	0.00	0	00:00
13021	JUNCTION	0.06	0.12	11.83	0	08:10
14003	JUNCTION	0.04	0.07	10.03	0	08:10
14004	JUNCTION	0.08	0.25	1.42	0	08:10
15000	JUNCTION	0.04	0.08	0.87	0	08:10
15001	JUNCTION	0.06	0.12	0.70	0	08:10
J166	JUNCTION	0.20	0.37	20.25	0	08:12
16036	JUNCTION	0.17	0.31	10.16	0	08:11
16035	JUNCTION	0.64	1.10	11.10	0	08:11

J20	JUNCTION	0.04	0.08	62.44	0 08:10
18011	JUNCTION	0.06	0.12	3.17	0 08:10
18000	JUNCTION	0.03	0.07	7.56	0 08:10
17090	JUNCTION	0.17	0.31	9.56	0 08:11
21005	JUNCTION	0.00	0.00	11.65	0 00:00
21000	JUNCTION	0.03	0.05	13.98	0 08:10
33	JUNCTION	0.00	0.00	0.00	0 00:00
22005	JUNCTION	0.04	0.08	14.99	0 08:10
22003	JUNCTION	0.04	0.07	14.68	0 08:10
22001	JUNCTION	0.02	0.05	19.73	0 08:10
22000	JUNCTION	0.02	0.04	23.31	0 08:10
35	JUNCTION	0.00	0.00	0.00	0 00:00
23001	JUNCTION	0.06	0.12	24.15	0 08:10
17065	JUNCTION	0.05	0.10	22.84	0 08:10
17137	JUNCTION	0.06	0.12	18.56	0 08:10
17140	JUNCTION	0.04	0.08	14.04	0 08:10
36	JUNCTION	0.00	0.00	0.00	0 00:00
17136	JUNCTION	0.03	0.06	19.19	0 08:10
17150	JUNCTION	0.02	0.05	16.77	0 08:10
17052	JUNCTION	0.04	0.08	16.79	0 08:10
17054	JUNCTION	0.06	0.12	11.59	0 08:10
16027	JUNCTION	0.23	0.43	14.43	0 08:11
16028	JUNCTION	0.19	0.36	14.22	0 08:11
13000	JUNCTION	0.09	1.94	22.04	0 08:38
16015	JUNCTION	0.11	0.21	22.30	0 08:13
17078	JUNCTION	0.04	0.07	21.57	0 08:10
17075	JUNCTION	0.12	0.20	23.34	0 08:40
17055	JUNCTION	0.03	0.06	14.54	0 08:10
17041	JUNCTION	0.03	0.05	19.79	0 08:10
17036	JUNCTION	0.10	0.20	21.55	0 08:03
17033	JUNCTION	0.05	0.09	24.12	0 08:10
25005	JUNCTION	0.04	0.08	24.01	0 08:10
25001	JUNCTION	0.02	0.04	23.45	0 08:10
54005	JUNCTION	0.07	0.14	40.64	0 08:10
24075	JUNCTION	0.04	0.07	29.24	0 08:10
24055	JUNCTION	0.03	0.05	33.45	0 08:10
24045	JUNCTION	0.03	0.05	36.08	0 08:10
28000	JUNCTION	0.04	0.08	30.34	0 08:10
54017	JUNCTION	0.11	0.19	42.25	0 08:41
27000	JUNCTION	0.04	0.08	30.62	0 08:10
J168	JUNCTION	0.18	0.37	13.88	0 08:11
54018	JUNCTION	0.14	0.23	41.61	0 08:40
32020	JUNCTION	0.03	0.06	41.55	0 08:10
32087	JUNCTION	0.06	0.12	30.26	0 08:10
17022	JUNCTION	0.05	0.12	30.93	0 08:10
27005	JUNCTION	0.03	0.07	34.45	0 08:10
30000	JUNCTION	0.03	0.06	38.81	0 08:10
32070	JUNCTION	0.08	0.17	41.67	0 08:10
17005	JUNCTION	0.02	0.05	31.73	0 08:10
17016	JUNCTION	0.02	0.05	31.23	0 08:10
16009	JUNCTION	0.05	0.09	31.48	0 08:10
16001	JUNCTION	0.18	0.34	29.74	0 08:12
16008	JUNCTION	0.05	0.12	31.77	0 08:10
16006	JUNCTION	0.09	1.25	34.00	0 08:09
11013	JUNCTION	0.03	0.06	29.81	0 08:10
11012	JUNCTION	0.17	0.35	29.65	0 08:07
11011	JUNCTION	0.13	0.24	30.15	0 08:07
16000	JUNCTION	0.16	0.30	31.45	0 08:11
11017	JUNCTION	0.06	0.11	30.17	0 08:10
19	JUNCTION	0.00	0.00	0.00	0 00:00
20	JUNCTION	0.00	0.00	0.00	0 00:00
21	JUNCTION	0.00	0.00	0.00	0 00:00
19113	JUNCTION	0.06	0.13	42.07	0 08:10
32061	JUNCTION	0.05	0.11	45.03	0 08:10
32060	JUNCTION	0.05	0.11	45.53	0 08:10
32080	JUNCTION	0.03	0.06	39.32	0 08:10
32081	JUNCTION	0.04	0.08	35.50	0 08:10
32075	JUNCTION	0.06	0.12	36.62	0 08:10
D-17A	JUNCTION	0.11	0.25	31.66	0 08:09
34001	JUNCTION	0.00	0.00	0.00	0 00:00
30003	JUNCTION	0.07	0.14	29.47	0 08:10
33001	JUNCTION	0.16	2.00	32.40	0 08:12
33002	JUNCTION	0.18	1.92	31.52	0 07:44
36045	JUNCTION	0.04	0.08	50.07	0 08:10
39	JUNCTION	0.00	0.00	0.00	0 00:00
53115	JUNCTION	0.07	0.13	49.08	0 08:10
53132	JUNCTION	0.06	0.12	46.27	0 08:10
53140	JUNCTION	0.04	0.08	40.81	0 08:10
J33	JUNCTION	0.04	0.09	44.88	0 08:10

53103	JUNCTION	0.05	0.10	39.12	0	08:10
53110	JUNCTION	0.15	0.44	35.77	0	08:10
53305	JUNCTION	0.03	0.05	34.65	0	08:10
53302	JUNCTION	0.05	0.09	29.87	0	08:10
53301	JUNCTION	0.05	0.10	32.48	0	08:10
53300	JUNCTION	0.04	0.07	36.48	0	08:10
53310	JUNCTION	0.09	0.18	26.04	0	08:10
53316	JUNCTION	0.06	0.12	26.38	0	08:10
53320	JUNCTION	0.04	0.09	26.61	0	08:10
53165	JUNCTION	0.11	0.22	25.66	0	08:10
53166	JUNCTION	0.11	0.22	25.52	0	08:10
53315	JUNCTION	0.02	0.03	28.59	0	08:10
24025	JUNCTION	0.00	0.00	55.39	0	00:00
53167	JUNCTION	0.10	0.21	25.35	0	08:10
53175	JUNCTION	0.27	0.40	20.90	0	08:11
53180	JUNCTION	0.05	0.09	21.00	0	08:10
53075	JUNCTION	0.04	0.09	39.99	0	08:10
53090	JUNCTION	0.08	0.17	47.42	0	08:10
53035	JUNCTION	0.01	0.03	51.66	0	08:10
53004	JUNCTION	0.05	0.10	48.23	0	08:10
53003	JUNCTION	0.05	0.11	49.32	0	08:10
53045	JUNCTION	0.03	0.05	52.04	0	08:10
39011	JUNCTION	0.05	0.10	48.08	0	08:10
48004	JUNCTION	0.17	0.31	40.04	0	08:12
36030	JUNCTION	0.07	0.14	39.27	0	08:10
36015	JUNCTION	0.03	0.07	53.01	0	08:10
38000	JUNCTION	0.06	0.14	34.47	0	08:10
36060	JUNCTION	0.05	0.10	52.02	0	08:10
D-20	JUNCTION	0.00	0.00	28.98	0	00:00
34005	JUNCTION	0.05	0.10	29.40	0	08:10
32031	JUNCTION	0.17	0.73	31.48	0	08:10
32030	JUNCTION	0.07	0.13	34.49	0	08:10
32045	JUNCTION	0.03	0.07	33.37	0	08:10
32025	JUNCTION	0.03	0.06	41.64	0	08:10
32010	JUNCTION	0.04	0.08	42.11	0	08:10
47003	JUNCTION	0.05	0.10	41.00	0	08:10
45005	JUNCTION	0.03	0.05	38.27	0	08:10
45001	JUNCTION	0.05	0.09	38.19	0	08:10
45000	JUNCTION	0.05	0.09	38.43	0	08:10
47006	JUNCTION	0.06	0.14	40.11	0	08:10
42002	JUNCTION	0.04	0.08	35.27	0	08:10
41000	JUNCTION	0.73	2.02	38.29	0	08:46
50115	JUNCTION	0.03	0.05	42.74	0	08:10
50030	JUNCTION	0.16	0.49	45.19	0	08:11
50027	JUNCTION	0.09	0.22	49.85	0	08:10
10035	JUNCTION	0.05	0.11	22.26	0	08:10
10038	JUNCTION	0.05	0.11	21.70	0	08:10
10018	JUNCTION	0.08	0.17	27.01	0	08:10
10020	JUNCTION	0.04	0.08	29.04	0	08:10
10005	JUNCTION	0.05	0.12	32.27	0	08:10
11008	JUNCTION	0.00	0.00	0.00	0	00:10
11003	JUNCTION	0.14	0.25	31.83	0	08:10
11000	JUNCTION	0.22	1.45	34.27	0	07:31
19066	JUNCTION	0.06	0.11	40.93	0	08:10
19070	JUNCTION	0.16	0.38	39.25	0	08:11
19020	JUNCTION	0.07	0.53	45.36	0	08:00
19075	JUNCTION	0.06	0.13	44.45	0	08:10
19043	JUNCTION	0.05	0.10	46.11	0	08:10
J17	JUNCTION	0.05	0.10	58.35	0	08:11
51010	JUNCTION	0.10	0.20	56.49	0	08:10
16	JUNCTION	0.00	0.00	0.00	0	00:00
19078	JUNCTION	0.08	0.17	41.18	0	08:10
7280	JUNCTION	0.03	0.06	48.07	0	08:10
54015	JUNCTION	0.06	0.11	48.35	0	08:12
7137	JUNCTION	0.07	0.14	64.87	0	08:10
7117	JUNCTION	0.04	0.07	57.46	0	08:10
7208	JUNCTION	0.05	0.11	51.94	0	08:10
7258	JUNCTION	0.08	0.26	41.68	0	08:09
7243	JUNCTION	0.08	0.16	44.04	0	08:10
7220	JUNCTION	0.17	0.34	46.89	0	08:10
7242	JUNCTION	0.04	0.08	46.46	0	08:10
7227	JUNCTION	0.06	0.14	49.96	0	08:10
7247	JUNCTION	0.07	0.15	43.15	0	08:10
7248	JUNCTION	0.03	0.06	43.42	0	08:10
7337	JUNCTION	0.05	0.10	42.91	0	08:10
7250	JUNCTION	0.17	0.32	41.66	0	08:11
7305	JUNCTION	0.08	0.17	51.28	0	08:10
7340	JUNCTION	0.04	0.07	38.76	0	08:10
7266	JUNCTION	0.03	0.06	36.40	0	08:10

7272	JUNCTION	0.05	0.09	36.39	0	08:10
10042	JUNCTION	0.02	0.05	15.03	0	08:10
J22	JUNCTION	0.08	0.15	28.55	0	08:10
7080	JUNCTION	0.02	0.05	68.08	0	08:10
7105B	JUNCTION	0.20	0.40	54.73	0	08:11
7206	JUNCTION	0.16	0.31	50.20	0	08:10
7181	JUNCTION	0.14	2.00	50.33	0	07:23
7300	JUNCTION	0.10	0.21	51.53	0	08:10
7302	JUNCTION	0.05	0.11	53.33	0	08:10
J19	JUNCTION	0.06	0.12	61.99	0	08:10
J21	JUNCTION	0.00	0.00	63.51	0	00:00
D-13	JUNCTION	0.13	0.25	23.40	0	08:10
19025	JUNCTION	0.03	0.05	53.96	0	08:10
19085	JUNCTION	0.16	0.37	38.48	0	08:11
53041A	JUNCTION	0.08	0.15	45.13	0	08:10
54000	JUNCTION	0.03	0.06	49.58	0	08:10
54001	JUNCTION	0.04	0.08	44.25	0	08:11
54070	JUNCTION	0.07	0.14	40.53	0	08:11
54060	JUNCTION	0.21	0.36	40.78	0	08:10
11020	JUNCTION	0.16	0.32	31.72	0	08:11
19023	JUNCTION	0.11	0.23	43.43	0	08:10
19126A	JUNCTION	0.19	0.36	35.17	0	08:10
53400	JUNCTION	0.10	1.32	43.09	0	08:11
53401	JUNCTION	0.17	0.37	40.16	0	08:11
7288A	JUNCTION	0.20	0.42	26.07	0	08:11
7276A	JUNCTION	0.26	0.52	29.74	0	08:11
7182A	JUNCTION	0.23	0.44	43.07	0	08:11
7180	JUNCTION	0.25	0.50	46.52	0	08:11
7180A	JUNCTION	0.30	0.58	47.74	0	08:11
7121	JUNCTION	0.30	0.58	48.89	0	08:10
7121A	JUNCTION	0.19	0.38	49.18	0	08:10
7177A	JUNCTION	0.01	0.11	53.43	0	08:11
7165A	JUNCTION	0.09	0.18	54.03	0	08:10
7107	JUNCTION	0.27	0.49	53.56	0	08:10
7107A	JUNCTION	0.25	0.48	53.21	0	08:11
7107B	JUNCTION	0.23	0.47	53.27	0	08:11
7069A	JUNCTION	0.18	0.36	55.35	0	08:11
7045	JUNCTION	0.42	0.66	64.02	0	08:12
17093	JUNCTION	0.11	0.32	1.52	0	08:11
17162A	JUNCTION	0.24	0.46	1.63	0	08:11
17161A	JUNCTION	0.18	0.36	2.06	0	08:10
17091A	JUNCTION	0.00	0.00	8.54	0	00:00
17088	JUNCTION	0.07	0.14	12.84	0	08:04
17053A	JUNCTION	0.02	0.04	12.41	0	08:10
17145	JUNCTION	0.11	0.22	13.56	0	08:10
17100B	JUNCTION	0.07	0.17	29.57	0	08:10
D-16	JUNCTION	0.11	0.21	26.99	0	08:11
D-21	JUNCTION	0.00	0.00	30.53	0	00:00
J1	JUNCTION	0.00	0.00	31.50	0	00:00
J2	JUNCTION	0.39	0.63	33.78	0	08:17
J3	JUNCTION	0.25	0.43	32.95	0	08:18
J4	JUNCTION	0.00	0.00	31.50	0	00:00
43015	JUNCTION	0.29	0.50	35.90	0	08:17
42003	JUNCTION	0.31	0.54	34.94	0	08:18
J5	JUNCTION	1.17	1.42	35.92	0	08:15
J6	JUNCTION	1.65	1.97	36.47	0	08:15
44001	JUNCTION	0.26	0.50	36.15	0	08:16
47025	JUNCTION	0.47	0.71	37.21	0	08:11
OUT17	JUNCTION	0.23	0.44	1.52	0	08:11
J7	JUNCTION	0.31	0.60	36.52	0	08:15
46003	JUNCTION	0.37	0.66	36.51	0	08:15
J8	JUNCTION	0.17	0.32	37.43	0	08:12
J9	JUNCTION	0.29	0.52	36.60	0	08:44
50150A	JUNCTION	0.22	0.38	37.10	0	09:01
J10	JUNCTION	0.22	0.42	0.69	0	08:09
J11	JUNCTION	0.30	0.69	1.34	0	08:09
J12	JUNCTION	0.32	0.94	2.42	0	08:09
J13	JUNCTION	0.31	1.11	2.62	0	08:09
J14	JUNCTION	0.26	0.59	3.23	0	08:11
J23	JUNCTION	0.05	0.09	29.96	0	08:10
J24	JUNCTION	0.05	0.09	28.34	0	08:10
J25	JUNCTION	0.00	0.02	28.34	0	08:10
7163	JUNCTION	0.26	0.55	54.93	0	08:10
J26	JUNCTION	0.17	0.25	6.97	0	08:12
J28	JUNCTION	0.15	0.22	11.44	0	08:12
J29	JUNCTION	0.14	0.20	17.24	0	08:11
53185	JUNCTION	0.19	0.28	20.40	0	08:11
J30	JUNCTION	0.00	0.00	43.78	0	00:00
J31	JUNCTION	0.06	0.11	47.53	0	08:10

J32	JUNCTION	0.09	0.17	44.44	0	08:10
J34	JUNCTION	0.05	0.11	47.24	0	08:10
J35	JUNCTION	0.27	0.32	23.97	0	08:11
J36	JUNCTION	0.24	0.32	27.92	0	08:12
J37	JUNCTION	0.20	0.27	34.57	0	08:12
J38	JUNCTION	0.32	0.53	34.69	0	07:20
J39	JUNCTION	0.15	0.30	35.49	0	08:15
J40	JUNCTION	0.37	0.48	36.33	0	08:15
J41	JUNCTION	1.34	1.57	37.42	0	08:15
J42	JUNCTION	0.12	0.37	37.47	0	08:15
J43	JUNCTION	0.11	0.21	42.91	0	08:11
J44	JUNCTION	0.12	0.25	43.53	0	08:10
J45	JUNCTION	0.00	0.00	46.66	0	00:00
J46	JUNCTION	0.07	0.11	26.93	0	09:10
J47	JUNCTION	0.08	0.11	25.60	0	09:10
J48	JUNCTION	0.11	0.16	25.79	0	09:10
J50	JUNCTION	0.33	0.55	27.38	0	12:18
J51	JUNCTION	0.04	0.07	29.84	0	08:10
J52	JUNCTION	0.04	0.07	30.15	0	08:10
J53	JUNCTION	0.03	0.05	35.37	0	08:10
J54	JUNCTION	0.04	0.08	32.44	0	08:10
J55	JUNCTION	0.03	0.05	37.51	0	08:10
J56	JUNCTION	0.00	0.00	33.56	0	00:00
J57	JUNCTION	0.10	0.16	32.24	0	08:51
J58	JUNCTION	0.08	0.13	34.96	0	08:45
J59	JUNCTION	0.10	0.18	37.18	0	08:10
J60	JUNCTION	0.07	0.12	37.86	0	08:10
J61	JUNCTION	0.03	0.06	39.81	0	08:10
J62	JUNCTION	0.07	0.13	38.56	0	08:10
J63	JUNCTION	0.06	0.12	39.44	0	08:10
J64	JUNCTION	0.03	0.06	42.09	0	08:10
J65	JUNCTION	0.04	0.07	40.62	0	08:10
J66	JUNCTION	0.02	0.04	42.58	0	08:10
J67	JUNCTION	0.06	0.12	40.75	0	08:10
J68	JUNCTION	0.04	0.08	41.46	0	08:10
J69	JUNCTION	0.06	0.12	40.99	0	08:10
J70	JUNCTION	0.06	0.12	41.32	0	08:10
J71	JUNCTION	0.06	0.10	41.52	0	08:10
J72	JUNCTION	0.00	0.00	42.09	0	00:00
J73	JUNCTION	0.00	0.00	41.70	0	00:00
J74	JUNCTION	0.11	0.21	40.38	0	08:10
J75	JUNCTION	0.08	0.14	41.03	0	08:10
J76	JUNCTION	0.05	0.10	44.34	0	08:10
J77	JUNCTION	0.07	0.10	29.34	0	09:10
J78	JUNCTION	0.06	0.10	32.80	0	09:10
J79	JUNCTION	0.04	0.07	34.67	0	08:10
J80	JUNCTION	0.07	0.14	35.28	0	08:10
J81	JUNCTION	0.03	0.06	38.12	0	08:10
J82	JUNCTION	0.03	0.05	40.69	0	08:10
J83	JUNCTION	0.04	0.08	39.76	0	08:11
J84	JUNCTION	0.04	0.07	44.79	0	08:10
J85	JUNCTION	0.07	0.13	45.16	0	08:10
J86	JUNCTION	0.07	0.13	46.21	0	08:10
J87	JUNCTION	0.06	0.12	45.74	0	08:10
J88	JUNCTION	0.06	0.10	45.08	0	08:11
J89	JUNCTION	0.08	0.15	44.67	0	08:10
J90	JUNCTION	0.05	0.08	45.33	0	08:10
J91	JUNCTION	0.07	0.13	44.51	0	08:10
J92	JUNCTION	0.04	0.08	40.35	0	08:10
J93	JUNCTION	0.17	0.33	67.64	0	08:10
J94	JUNCTION	0.12	0.25	68.10	0	08:10
J95	JUNCTION	0.12	0.22	68.45	0	08:10
J96	JUNCTION	0.09	0.18	69.05	0	08:10
J97	JUNCTION	0.07	0.13	68.79	0	08:10
J98	JUNCTION	0.05	0.08	69.12	0	08:11
J99	JUNCTION	0.04	0.09	68.87	0	08:10
J100	JUNCTION	1.28	1.58	34.58	0	09:10
J101	JUNCTION	0.03	0.06	45.22	0	08:10
J102	JUNCTION	0.03	0.07	42.00	0	08:10
J103	JUNCTION	0.08	0.15	41.67	0	08:10
J104	JUNCTION	0.07	0.13	42.76	0	08:10
J105	JUNCTION	0.03	0.06	43.39	0	08:10
J106	JUNCTION	1.45	2.28	37.11	0	08:47
J107	JUNCTION	0.04	0.08	69.39	0	08:10
J108	JUNCTION	0.04	0.08	69.67	0	08:10
J109	JUNCTION	0.03	0.06	69.54	0	08:10
J110	JUNCTION	0.06	0.12	68.25	0	08:10
J111	JUNCTION	0.00	0.00	69.46	0	00:00
J112	JUNCTION	0.15	0.29	69.18	0	08:11

J113	JUNCTION	0.14	0.27	69.41	0 08:11
J114	JUNCTION	0.11	0.23	69.88	0 08:10
J115	JUNCTION	0.09	0.16	69.84	0 08:11
J116	JUNCTION	0.07	0.12	70.36	0 08:10
J117	JUNCTION	0.07	0.13	70.80	0 08:10
J118	JUNCTION	0.05	0.09	68.21	0 08:11
J120	JUNCTION	0.07	0.13	69.16	0 08:10
J121	JUNCTION	0.07	0.14	65.53	0 08:10
J122	JUNCTION	0.03	0.05	72.56	0 08:10
J123	JUNCTION	0.05	0.09	72.14	0 08:10
J124	JUNCTION	0.07	0.13	71.19	0 08:10
J125	JUNCTION	0.12	0.24	66.22	0 08:10
J126	JUNCTION	0.10	0.19	67.21	0 08:10
J127	JUNCTION	0.06	0.12	70.27	0 08:10
J128	JUNCTION	0.06	0.12	71.58	0 08:10
J129	JUNCTION	0.06	0.11	70.46	0 08:10
J130	JUNCTION	0.04	0.07	72.37	0 08:10
J131	JUNCTION	0.05	0.10	72.85	0 08:10
J132	JUNCTION	0.03	0.06	72.52	0 08:10
J133	JUNCTION	0.06	0.12	68.81	0 08:10
J134	JUNCTION	0.07	0.14	68.62	0 08:10
J135	JUNCTION	0.08	0.17	69.23	0 08:10
J136	JUNCTION	0.03	0.05	68.60	0 08:11
J137	JUNCTION	0.58	1.82	68.07	0 08:56
J138	JUNCTION	0.05	0.08	66.24	0 08:57
J139	JUNCTION	0.04	0.07	66.07	0 08:58
J140	JUNCTION	0.04	0.07	75.29	0 08:10
J141	JUNCTION	0.04	0.08	70.52	0 08:10
J142	JUNCTION	0.08	0.15	68.45	0 08:10
J143	JUNCTION	0.06	0.11	69.11	0 08:10
J144	JUNCTION	0.08	0.16	67.74	0 08:10
J145	JUNCTION	0.07	0.12	60.83	0 08:10
J146	JUNCTION	0.12	0.23	61.08	0 08:10
J147	JUNCTION	0.07	0.13	62.63	0 08:10
J148	JUNCTION	0.06	0.12	66.54	0 08:10
J149	JUNCTION	0.00	0.00	68.35	0 00:00
J150	JUNCTION	0.08	0.15	63.61	0 08:10
J151	JUNCTION	1.07	1.31	58.86	0 11:26
J152	JUNCTION	1.70	2.11	59.66	0 11:26
48002	JUNCTION	0.13	0.25	56.25	0 08:10
J153	JUNCTION	0.07	1.09	51.13	0 07:43
J154	JUNCTION	0.05	0.11	51.46	0 08:10
J155	JUNCTION	0.05	0.09	51.89	0 08:10
J156	JUNCTION	0.00	0.00	52.20	0 00:00
J157	JUNCTION	0.04	0.09	51.84	0 08:10
J158	JUNCTION	0.06	0.12	48.14	0 08:10
J159	JUNCTION	0.05	0.10	53.20	0 08:10
J160	JUNCTION	0.05	0.10	52.59	0 08:10
J161	JUNCTION	0.02	0.05	43.99	0 08:10
J162	JUNCTION	0.08	0.18	62.03	0 08:10
J163	JUNCTION	0.00	0.00	67.80	0 00:00
J164	JUNCTION	0.00	0.00	67.04	0 00:00
J165	JUNCTION	0.27	0.53	21.32	0 08:12
J167	JUNCTION	0.00	0.00	53.60	0 00:00
J169	JUNCTION	0.29	0.53	14.57	0 08:11
J170	JUNCTION	0.00	0.00	68.91	0 00:00
J171	JUNCTION	0.06	0.12	39.62	0 08:10
J172	JUNCTION	0.00	0.00	47.62	0 00:00
J173	JUNCTION	0.19	0.36	14.79	0 08:12
J174	JUNCTION	0.30	0.56	14.63	0 08:11
54010	JUNCTION	0.09	0.15	40.15	0 08:10
J175	JUNCTION	0.16	0.29	68.92	0 08:10
4001	OUTFALL	0.06	0.13	0.13	0 08:09
3002	OUTFALL	0.03	0.06	5.06	0 08:10
2003	OUTFALL	0.03	0.06	5.06	0 08:10
1002	OUTFALL	0.04	0.07	5.07	0 08:10
5033	OUTFALL	0.10	0.18	0.18	0 08:10
6003	OUTFALL	0.03	0.07	3.07	0 08:10
8021	OUTFALL	0.06	0.12	1.12	0 08:10
9011	OUTFALL	0.04	0.09	1.09	0 08:10
10060	OUTFALL	0.13	0.27	1.27	0 08:10
0F7	OUTFALL	0.15	0.29	68.90	0 08:10
13026	OUTFALL	0.07	0.14	4.14	0 08:10
14005	OUTFALL	0.08	0.17	1.17	0 08:10
15010	OUTFALL	0.06	0.12	0.12	0 08:10
18012	OUTFALL	0.06	0.12	2.12	0 08:10
20050	OUTFALL	0.13	0.35	22.35	0 07:41
21015	OUTFALL	0.06	0.13	8.53	0 08:10
22010	OUTFALL	0.04	0.07	11.07	0 08:10

23011	OUTFALL	0.08	0.16	23.16	0	08:10
25010	OUTFALL	0.02	0.04	20.90	0	08:10
26004	OUTFALL	0.08	0.19	26.19	0	08:10
27011	OUTFALL	0.06	0.12	24.41	0	08:10
29010	OUTFALL	0.08	0.17	28.17	0	08:10
28002	OUTFALL	0.06	0.12	27.12	0	08:10
30010	OUTFALL	0.07	0.14	29.14	0	08:10
31002	OUTFALL	0.03	0.05	30.05	0	08:10
34011	OUTFALL	0.03	0.07	30.07	0	08:10
32088	OUTFALL	0.06	0.12	29.12	0	08:10
33003	OUTFALL	0.10	0.19	28.49	0	08:09
35007	OUTFALL	0.08	0.16	32.16	0	08:10
36055	OUTFALL	0.13	0.26	32.26	0	08:10
37010	OUTFALL	0.08	0.18	33.88	0	08:10
38001	OUTFALL	0.06	0.12	34.12	0	08:10
39065	OUTFALL	0.20	0.40	32.58	0	08:11
39085	OUTFALL	0.06	0.12	58.24	0	08:10
52000	OUTFALL	0.00	0.00	51.00	0	00:00
7356	OUTFALL	0.26	0.50	0.26	0	08:12
0F5	OUTFALL	0.23	0.44	1.44	0	08:11
24110	OUTFALL	0.19	0.40	22.39	0	08:11
0F1	OUTFALL	0.22	0.42	-0.23	0	08:09
51045	OUTFALL	0.12	0.25	55.05	0	08:10
16045	OUTFALL	0.17	0.31	0.31	0	08:11
53006	OUTFALL	0.00	0.01	42.76	0	08:11
0F6	OUTFALL	0.09	0.15	39.15	0	08:10
49003	OUTFALL	0.09	0.18	58.78	0	08:10
0F2	OUTFALL	0.25	0.43	32.43	0	08:18
J27	OUTFALL	0.17	0.25	4.46	0	08:12
J49	OUTFALL	0.08	0.11	25.16	0	09:10
0F3	OUTFALL	0.10	0.16	31.78	0	08:48
0F4	OUTFALL	0.08	0.11	57.40	0	11:26
0F8	OUTFALL	0.01	0.07	30.07	0	08:12
50150	STORAGE	0.91	1.35	37.60	0	09:02
53161	STORAGE	1.49	1.64	25.24	0	08:11
53160	STORAGE	1.43	1.52	27.92	0	08:12
53081	STORAGE	0.80	0.87	34.57	0	08:12
53080	STORAGE	1.27	1.61	38.71	0	08:14
53200	STORAGE	1.39	1.63	37.43	0	08:15
SU1	STORAGE	0.83	0.92	36.67	0	08:15
SU2	STORAGE	0.50	0.78	27.38	0	12:20
SU3	STORAGE	0.99	1.20	36.90	0	08:49
SU4	STORAGE	1.30	1.58	34.58	0	09:10
SU5	STORAGE	1.29	1.70	59.68	0	11:26

Node Inflow Summary

Node	Type	Maximum Lateral Inflow LPS	Maximum Total Inflow LPS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 ltr	Total Inflow Volume 10^6 ltr
7207	JUNCTION	13.46	272.24	0 08:10	0.294	6.634
7205	JUNCTION	31.65	215.93	0 08:10	0.691	5.402
7209	JUNCTION	13.68	300.59	0 08:10	0.298	7.258
7219	JUNCTION	16.68	104.50	0 08:10	0.371	2.291
7235	JUNCTION	6.07	6.07	0 08:09	0.132	0.132
7210	JUNCTION	14.97	14.97	0 08:09	0.330	0.330
7230	JUNCTION	0.00	525.57	0 08:10	0.000	12.192
7257	JUNCTION	15.66	15.66	0 08:09	0.341	0.341
7256	JUNCTION	0.00	25.42	0 08:10	0.000	0.552
7252	JUNCTION	20.98	590.14	0 08:10	0.456	13.632
7250A	JUNCTION	0.00	106.63	0 08:10	0.000	2.349
7246	JUNCTION	5.87	91.67	0 08:10	0.128	2.022
7211	JUNCTION	0.00	404.78	0 08:10	0.000	9.545
7260	JUNCTION	8.19	132.68	0 08:10	0.176	2.924
7267	JUNCTION	2.41	179.50	0 08:10	0.052	3.964
7273	JUNCTION	8.72	33.16	0 08:10	0.190	0.726
7269	JUNCTION	6.55	6.55	0 08:09	0.142	0.142
5017	JUNCTION	0.00	58.52	0 08:10	0.000	1.266
7000	JUNCTION	8.49	8.49	0 08:09	0.183	0.183
5010	JUNCTION	10.48	10.48	0 08:09	0.226	0.226
7003	JUNCTION	6.45	30.25	0 08:10	0.138	0.652
7006	JUNCTION	5.76	53.51	0 08:10	0.124	1.156
49002	JUNCTION	31.31	107.32	0 08:09	0.694	2.379

7171	JUNCTION	0.00	34.54	0	08:10	0.000	0.765
7282	JUNCTION	20.46	77.98	0	08:10	0.448	1.757
7283	JUNCTION	0.00	77.88	0	08:10	0.000	1.756
7288	JUNCTION	0.00	3239.85	0	08:11	0.000	74.318
7285	JUNCTION	16.67	3239.81	0	08:11	0.370	74.319
7276	JUNCTION	38.98	3224.49	0	08:11	0.861	73.974
7275	JUNCTION	4.65	3111.32	0	08:11	0.101	71.372
7182	JUNCTION	17.92	3106.80	0	08:11	0.391	71.288
7183	JUNCTION	0.00	2500.00	0	08:11	0.000	57.297
7281	JUNCTION	42.04	57.83	0	08:09	0.961	1.310
7172	JUNCTION	35.37	782.20	0	08:10	0.779	17.408
7177	JUNCTION	34.70	711.41	0	08:10	0.765	15.843
7169	JUNCTION	4.30	160.52	0	08:10	0.093	3.622
7168	JUNCTION	9.87	156.23	0	08:09	0.216	3.529
7170	JUNCTION	34.56	34.56	0	08:09	0.766	0.766
7167	JUNCTION	48.99	146.42	0	08:09	1.084	3.318
19131	JUNCTION	13.45	42.84	0	08:10	0.295	0.940
7072	JUNCTION	2.35	41.81	0	08:10	0.051	1.106
7259	JUNCTION	7.30	7.30	0	08:09	0.158	0.158
7255	JUNCTION	9.78	9.78	0	08:09	0.211	0.211
7218	JUNCTION	18.55	87.96	0	08:10	0.402	1.921
7215	JUNCTION	22.47	22.47	0	08:09	0.494	0.494
19080	JUNCTION	23.02	23.02	0	08:09	0.501	0.501
48003	JUNCTION	116.17	240.36	0	08:10	3.539	6.322
7343	JUNCTION	32.91	49.45	0	08:09	0.715	1.090
5013	JUNCTION	0.00	40.02	0	08:10	0.000	0.866
5032	JUNCTION	8.41	219.21	0	08:10	0.181	5.196
5011	JUNCTION	7.21	17.67	0	08:09	0.155	0.381
7001	JUNCTION	4.62	13.10	0	08:09	0.099	0.282
7011	JUNCTION	2.74	17.58	0	08:10	0.059	0.380
7166	JUNCTION	100.69	100.69	0	08:09	2.236	2.236
48001	JUNCTION	31.04	124.38	0	08:09	0.714	2.786
48000	JUNCTION	93.39	93.39	0	08:09	2.076	2.076
7140	JUNCTION	6.03	62.65	0	08:10	0.131	1.379
7141	JUNCTION	5.94	68.45	0	08:10	0.131	1.509
7027	JUNCTION	0.00	167.11	0	08:10	0.000	3.845
7025	JUNCTION	81.66	136.65	0	08:09	1.920	3.156
7028	JUNCTION	25.12	191.35	0	08:10	0.556	4.395
7029	JUNCTION	0.00	191.12	0	08:11	0.000	4.390
7030	JUNCTION	0.00	476.20	0	08:10	0.000	10.970
7130	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7129	JUNCTION	23.95	68.99	0	08:09	0.524	1.523
49001	JUNCTION	40.16	76.06	0	08:09	0.890	1.686
7240	JUNCTION	21.35	21.35	0	08:09	0.464	0.464
7226	JUNCTION	8.74	33.77	0	08:09	0.189	0.733
7225	JUNCTION	25.05	25.05	0	08:09	0.543	0.543
7198	JUNCTION	0.00	184.41	0	08:10	0.000	4.715
7195	JUNCTION	15.55	126.22	0	08:09	0.336	2.814
7201	JUNCTION	6.27	57.83	0	08:10	0.136	1.262
7200	JUNCTION	34.96	34.96	0	08:09	0.763	0.763
7217	JUNCTION	27.23	69.51	0	08:09	0.590	1.520
7335	JUNCTION	27.16	27.16	0	08:09	0.588	0.588
7336	JUNCTION	34.09	61.20	0	08:09	0.741	1.329
7342	JUNCTION	16.57	16.57	0	08:09	0.375	0.375
7331	JUNCTION	11.72	49.30	0	08:10	0.254	1.070
7308	JUNCTION	1.33	120.96	0	08:10	0.028	2.648
7315	JUNCTION	0.00	121.00	0	08:10	0.000	2.665
7306	JUNCTION	16.41	119.79	0	08:10	0.357	2.622
7318	JUNCTION	8.57	51.11	0	08:09	0.187	1.118
7317	JUNCTION	7.31	42.58	0	08:09	0.159	0.931
7295	JUNCTION	0.00	35.43	0	08:10	0.000	0.768
7301	JUNCTION	22.96	22.96	0	08:09	0.498	0.498
7292	JUNCTION	6.36	6.36	0	08:09	0.139	0.139
7290	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
20015	JUNCTION	12.78	12.78	0	08:09	0.276	0.276
20016	JUNCTION	8.03	137.58	0	08:10	0.174	2.974
20014	JUNCTION	12.84	116.84	0	08:10	0.277	2.526
20010	JUNCTION	6.53	104.29	0	08:10	0.141	2.250
19100	JUNCTION	17.99	17.99	0	08:09	0.387	0.387
53130	JUNCTION	22.81	22.81	0	08:09	0.511	0.511
20003	JUNCTION	0.00	45.88	0	08:10	0.000	0.987
20006	JUNCTION	15.84	15.84	0	08:09	0.343	0.343
20005	JUNCTION	29.94	29.94	0	08:09	0.649	0.649
7216	JUNCTION	20.00	42.37	0	08:09	0.437	0.930
7193	JUNCTION	24.31	24.31	0	08:09	0.527	0.527
7192	JUNCTION	28.43	92.92	0	08:10	0.659	2.069
7191	JUNCTION	18.04	40.33	0	08:10	0.387	0.885
20002	JUNCTION	12.36	30.12	0	08:09	0.267	0.645
20000	JUNCTION	9.36	9.36	0	08:09	0.202	0.202

20021	JUNCTION	18.68	156.10	0	08:10	0.406	3.379
20022	JUNCTION	43.73	245.22	0	08:10	0.947	5.305
20040	JUNCTION	6.61	41.94	0	08:04	0.146	0.789
7321	JUNCTION	7.19	131.15	0	08:10	0.157	2.890
7320	JUNCTION	3.21	124.06	0	08:10	0.070	2.734
7314	JUNCTION	7.84	58.04	0	08:10	0.171	1.287
7312	JUNCTION	17.65	45.41	0	08:09	0.408	1.010
7311	JUNCTION	14.67	27.82	0	08:09	0.320	0.604
7316	JUNCTION	35.37	35.37	0	08:09	0.773	0.773
1001	JUNCTION	10.91	55.88	0	08:10	0.238	1.226
2002	JUNCTION	10.37	43.88	0	08:09	0.224	0.962
3000	JUNCTION	4.25	4.25	0	08:09	0.094	0.094
3001	JUNCTION	13.36	17.60	0	08:09	0.296	0.390
2000	JUNCTION	23.15	23.15	0	08:09	0.510	0.510
6002	JUNCTION	13.31	35.85	0	08:10	0.309	0.802
6001	JUNCTION	0.00	22.60	0	08:10	0.000	0.494
6000	JUNCTION	22.62	22.62	0	08:09	0.494	0.494
19051	JUNCTION	10.45	271.59	0	08:10	0.272	6.236
19062	JUNCTION	9.80	9.80	0	08:09	0.213	0.213
19107	JUNCTION	0.00	257.71	0	08:10	0.000	7.485
19115	JUNCTION	4.94	171.51	0	08:10	0.106	4.828
19064	JUNCTION	11.24	11.24	0	08:09	0.244	0.244
19057	JUNCTION	7.82	405.84	0	08:10	0.169	10.689
19067	JUNCTION	6.12	944.30	0	08:11	0.132	22.383
19120	JUNCTION	5.72	213.31	0	08:10	0.123	5.799
19086	JUNCTION	11.55	1165.77	0	08:10	0.255	28.428
19077	JUNCTION	4.98	51.37	0	08:10	0.108	1.122
19076	JUNCTION	20.55	46.45	0	08:09	0.447	1.015
19081	JUNCTION	12.18	35.13	0	08:09	0.265	0.765
10000	JUNCTION	35.07	35.07	0	08:09	0.771	0.771
10001	JUNCTION	6.33	41.35	0	08:10	0.136	0.907
19130	JUNCTION	29.42	29.42	0	08:09	0.645	0.645
32040	JUNCTION	0.00	17.12	0	08:10	0.000	0.374
19112	JUNCTION	14.15	68.74	0	08:10	0.310	1.525
19111	JUNCTION	24.25	37.45	0	08:09	0.544	0.842
32065	JUNCTION	18.60	64.99	0	08:10	0.407	1.528
19101	JUNCTION	5.03	30.69	0	07:40	0.109	0.495
40001	JUNCTION	19.12	24.69	0	08:09	0.416	0.547
53085	JUNCTION	22.39	22.39	0	08:09	0.498	0.498
19125	JUNCTION	6.42	1172.15	0	08:10	0.140	28.565
19126	JUNCTION	38.08	601.39	0	08:10	0.840	14.242
11006	JUNCTION	8.39	9.80	0	08:09	0.208	0.238
11002	JUNCTION	81.90	103.29	0	08:10	2.241	2.773
10006	JUNCTION	0.00	17.92	0	08:10	0.000	0.390
10002	JUNCTION	15.63	56.84	0	08:10	0.342	1.247
10003	JUNCTION	11.56	68.26	0	08:10	0.254	1.501
10016	JUNCTION	0.00	12.03	0	08:10	0.000	0.263
10017	JUNCTION	4.08	16.10	0	08:10	0.089	0.352
10010	JUNCTION	19.64	121.45	0	08:10	0.427	2.667
10019	JUNCTION	1.80	195.67	0	08:10	0.039	4.304
10021	JUNCTION	9.78	62.24	0	08:10	0.214	1.370
10023	JUNCTION	2.96	35.35	0	08:10	0.065	0.779
10022	JUNCTION	32.40	32.40	0	08:09	0.714	0.714
10025	JUNCTION	0.00	226.82	0	08:10	0.000	4.995
10030	JUNCTION	9.61	236.18	0	08:10	0.210	5.204
10027	JUNCTION	0.00	31.19	0	08:10	0.000	0.692
10026	JUNCTION	31.28	31.28	0	08:09	0.693	0.693
10036	JUNCTION	0.00	50.56	0	08:10	0.000	1.106
10037	JUNCTION	25.79	25.79	0	08:09	0.559	0.559
11035	JUNCTION	15.42	15.42	0	08:09	0.365	0.365
11030	JUNCTION	30.13	30.13	0	08:09	0.694	0.694
11031	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
9001	JUNCTION	0.00	21.27	0	08:10	0.000	0.459
8005	JUNCTION	5.61	5.61	0	08:09	0.120	0.120
8001	JUNCTION	0.00	4.26	0	08:10	0.000	0.093
8002	JUNCTION	0.00	16.31	0	08:10	0.000	0.352
8010	JUNCTION	3.37	19.66	0	08:10	0.072	0.424
8011	JUNCTION	0.00	31.83	0	08:10	0.000	0.687
8015	JUNCTION	12.20	12.20	0	08:09	0.263	0.263
7020	JUNCTION	27.84	27.84	0	08:09	0.612	0.612
10055	JUNCTION	8.75	8.75	0	08:09	0.190	0.190
10043	JUNCTION	4.44	478.21	0	08:10	0.096	10.539
10041	JUNCTION	3.30	473.84	0	08:10	0.071	10.444
10052	JUNCTION	5.48	20.24	0	08:09	0.118	0.444
10051	JUNCTION	12.06	14.76	0	08:09	0.267	0.325
11056	JUNCTION	9.13	9.13	0	08:09	0.203	0.203
13011	JUNCTION	14.24	14.24	0	08:09	0.316	0.316
11050	JUNCTION	12.38	12.38	0	08:09	0.275	0.275
13005	JUNCTION	5.18	5.18	0	08:09	0.115	0.115

13004	JUNCTION	0.00	46.09	0	08:10	0.000	1.392
13010	JUNCTION	0.00	60.30	0	08:10	0.000	1.708
12000	JUNCTION	18.21	18.21	0	08:09	0.402	0.402
12001	JUNCTION	13.80	32.02	0	08:09	0.308	0.710
17128	JUNCTION	14.68	14.68	0	08:09	0.334	0.334
7026	JUNCTION	31.62	167.90	0	08:10	0.699	3.852
11057	JUNCTION	30.09	1240.96	0	08:10	0.669	31.670
10045	JUNCTION	0.00	498.48	0	08:10	0.000	10.980
17085	JUNCTION	12.01	269.25	0	08:10	0.265	7.259
16040	JUNCTION	25.99	25.99	0	08:09	0.579	0.579
14002	JUNCTION	0.95	33.02	0	08:09	0.021	0.730
14001	JUNCTION	19.67	32.07	0	08:09	0.436	0.710
14000	JUNCTION	12.40	12.40	0	08:09	0.274	0.274
13020	JUNCTION	6.09	6.09	0	08:09	0.133	0.133
17087	JUNCTION	0.00	355.31	0	08:12	0.000	9.169
19056	JUNCTION	1.00	562.68	0	08:11	0.021	12.913
17053	JUNCTION	5.49	135.88	0	08:05	0.120	3.184
17051	JUNCTION	1.27	130.50	0	08:04	0.028	3.066
17151	JUNCTION	13.64	20.89	0	08:09	0.294	0.450
17040	JUNCTION	0.00	210.65	0	08:04	0.000	4.988
17039	JUNCTION	13.64	183.93	0	08:04	0.302	4.397
17080	JUNCTION	15.23	99.83	0	08:40	0.336	3.234
16023	JUNCTION	0.00	605.66	0	08:12	0.000	15.792
16018	JUNCTION	0.00	605.64	0	08:12	0.000	15.788
16025	JUNCTION	35.72	144.18	0	08:10	0.802	3.499
16026	JUNCTION	0.00	748.18	0	08:11	0.000	19.281
16032	JUNCTION	0.00	81.77	0	08:10	0.000	1.815
17086	JUNCTION	22.56	22.56	0	08:09	0.494	0.494
17084	JUNCTION	23.13	235.62	0	08:10	0.512	6.507
17083	JUNCTION	9.75	213.45	0	08:10	0.227	5.997
17082	JUNCTION	7.01	203.86	0	08:10	0.171	5.771
17096	JUNCTION	18.03	367.04	0	08:11	0.398	9.560
17155	JUNCTION	0.00	641.52	0	08:10	0.000	14.432
17060	JUNCTION	7.79	532.46	0	08:10	0.169	11.946
17147	JUNCTION	12.96	524.99	0	08:10	0.281	11.781
17145A	JUNCTION	0.00	491.68	0	08:10	0.000	11.053
17146	JUNCTION	43.10	43.10	0	08:09	0.931	0.931
17142	JUNCTION	0.00	18.15	0	08:10	0.000	0.397
17135A	JUNCTION	1.93	418.23	0	08:10	0.043	9.459
17127	JUNCTION	6.14	388.22	0	08:10	0.136	8.803
17125	JUNCTION	17.23	329.25	0	08:10	0.387	7.443
17132	JUNCTION	8.72	38.56	0	08:10	0.203	0.894
17130	JUNCTION	15.15	15.15	0	08:09	0.340	0.340
17038	JUNCTION	0.00	170.63	0	08:03	0.000	4.096
17126	JUNCTION	26.95	26.95	0	08:09	0.629	0.629
17110	JUNCTION	9.02	9.02	0	08:09	0.206	0.206
25000	JUNCTION	6.88	22.49	0	08:10	0.166	0.533
J18	JUNCTION	0.00	29.88	0	08:10	0.000	0.648
D-14	JUNCTION	24.69	249.14	0	08:10	0.536	5.623
27010	JUNCTION	14.86	56.08	0	08:09	0.323	1.236
D-15	JUNCTION	8.59	224.95	0	08:10	0.187	5.090
32086	JUNCTION	4.55	109.83	0	08:10	0.099	2.497
D-17	JUNCTION	16.60	191.06	0	08:10	0.401	4.328
32085	JUNCTION	0.00	108.54	0	08:10	0.000	2.398
D-18	JUNCTION	14.30	175.23	0	08:10	0.319	3.931
34002	JUNCTION	5.82	13.83	0	08:09	0.126	0.304
D-19	JUNCTION	9.41	9.41	0	08:09	0.209	0.209
39004	JUNCTION	9.62	477.03	0	08:10	0.212	11.060
39003	JUNCTION	27.97	233.03	0	08:10	0.617	5.491
39002	JUNCTION	28.83	205.59	0	08:10	0.633	4.878
39001	JUNCTION	36.06	176.96	0	08:10	0.788	4.246
50146	JUNCTION	26.11	26.11	0	08:09	0.572	0.572
D-18A	JUNCTION	0.00	137.97	0	08:10	0.000	3.100
32082	JUNCTION	0.00	19.54	0	08:10	0.000	0.425
17100A	JUNCTION	0.00	42.04	0	08:10	0.000	0.913
D-13A	JUNCTION	0.00	33.78	0	08:10	0.000	0.738
17133	JUNCTION	7.01	7.01	0	08:09	0.161	0.161
17030	JUNCTION	13.70	13.70	0	08:09	0.301	0.301
17031	JUNCTION	4.28	17.94	0	08:10	0.094	0.394
17032	JUNCTION	0.00	36.09	0	08:10	0.000	0.803
17034	JUNCTION	8.41	18.26	0	08:10	0.189	0.410
17035	JUNCTION	0.00	154.28	0	08:03	0.000	3.732
17025	JUNCTION	10.57	117.14	0	08:01	0.229	2.880
17105	JUNCTION	22.80	22.80	0	08:09	0.497	0.497
17106	JUNCTION	10.47	33.15	0	08:09	0.228	0.724
7154	JUNCTION	0.00	32.72	0	08:10	0.000	0.725
27006	JUNCTION	28.08	41.40	0	08:09	0.620	0.914
17020	JUNCTION	0.00	107.73	0	08:03	0.000	2.653
30002	JUNCTION	34.50	70.55	0	08:09	0.757	1.545

30001	JUNCTION	17.01	36.09	0	08:09	0.373	0.789
17021	JUNCTION	28.86	28.86	0	08:09	0.630	0.630
17010	JUNCTION	12.76	12.76	0	08:09	0.273	0.273
17001	JUNCTION	31.81	46.95	0	08:09	0.689	1.017
17000	JUNCTION	15.16	15.16	0	08:09	0.329	0.329
16011	JUNCTION	0.00	12.49	0	08:10	0.000	0.295
16010	JUNCTION	12.51	12.51	0	08:09	0.295	0.295
19123	JUNCTION	15.92	117.03	0	07:53	0.360	2.917
19122	JUNCTION	63.80	102.04	0	07:53	1.406	2.555
19121	JUNCTION	51.72	51.72	0	08:09	1.150	1.150
32056	JUNCTION	0.00	22.38	0	08:10	0.000	0.500
32055	JUNCTION	8.78	8.78	0	08:09	0.197	0.197
19110	JUNCTION	13.24	13.24	0	08:09	0.297	0.297
19114	JUNCTION	4.93	73.44	0	08:10	0.106	1.630
19019	JUNCTION	0.00	353.83	0	08:10	0.000	8.229
7165	JUNCTION	18.97	567.83	0	08:10	0.410	14.755
7017	JUNCTION	0.00	58.24	0	08:10	0.000	1.258
32001	JUNCTION	21.28	62.31	0	08:10	0.463	1.386
32002	JUNCTION	0.00	95.70	0	08:08	0.000	2.155
32007	JUNCTION	11.03	26.37	0	08:09	0.254	0.585
32015	JUNCTION	0.00	105.02	0	08:09	0.000	2.367
18010	JUNCTION	3.81	32.05	0	08:10	0.082	0.704
18001	JUNCTION	0.00	28.29	0	08:10	0.000	0.622
18005	JUNCTION	18.36	18.36	0	08:09	0.406	0.406
21001	JUNCTION	15.37	22.79	0	08:09	0.334	0.494
21002	JUNCTION	8.70	68.73	0	08:10	0.187	1.492
21011	JUNCTION	14.01	37.35	0	08:09	0.305	0.813
22002	JUNCTION	2.37	11.67	0	08:09	0.051	0.251
17070	JUNCTION	13.91	13.91	0	08:09	0.301	0.301
17069	JUNCTION	0.00	62.44	0	08:10	0.000	1.352
17071	JUNCTION	9.38	71.81	0	08:10	0.203	1.554
17072	JUNCTION	40.85	101.10	0	08:09	0.881	2.435
33000	JUNCTION	24.12	24.12	0	08:09	0.561	0.561
24020	JUNCTION	8.61	103.75	0	08:10	0.193	2.216
24010	JUNCTION	12.13	70.68	0	08:10	0.261	1.520
24015	JUNCTION	20.13	20.13	0	08:09	0.434	0.434
24002	JUNCTION	0.00	38.48	0	08:10	0.000	0.826
24006	JUNCTION	5.19	18.86	0	08:09	0.112	0.405
24001	JUNCTION	5.89	19.66	0	08:09	0.127	0.422
24030	JUNCTION	13.62	130.99	0	08:10	0.304	2.819
24040	JUNCTION	11.39	168.33	0	08:10	0.255	3.644
24046	JUNCTION	18.13	26.34	0	08:09	0.398	0.574
24056	JUNCTION	6.22	13.90	0	08:09	0.133	0.298
24057	JUNCTION	11.01	24.88	0	08:10	0.256	0.553
24050	JUNCTION	10.49	35.21	0	08:10	0.235	0.788
24060	JUNCTION	19.60	71.94	0	08:10	0.439	1.600
24070	JUNCTION	9.80	99.04	0	08:10	0.214	2.193
24087	JUNCTION	10.16	23.50	0	08:09	0.222	0.511
24080	JUNCTION	8.87	131.28	0	08:10	0.192	2.895
24090	JUNCTION	2.22	133.31	0	08:10	0.048	2.941
24105	JUNCTION	77.67	272.99	0	08:10	1.725	5.993
24095	JUNCTION	0.00	195.88	0	08:10	0.000	4.272
24100	JUNCTION	27.66	27.66	0	08:09	0.629	0.629
54016	JUNCTION	96.81	155.83	0	08:10	2.748	4.439
29001	JUNCTION	9.91	38.39	0	08:10	0.220	0.845
29002	JUNCTION	0.00	67.55	0	08:10	0.000	1.485
26003	JUNCTION	8.89	54.08	0	08:10	0.203	1.213
53089	JUNCTION	16.00	81.81	0	08:10	0.363	1.877
53100	JUNCTION	31.86	163.83	0	08:10	0.719	3.754
53097	JUNCTION	8.31	48.41	0	08:10	0.186	1.109
53096	JUNCTION	11.67	40.28	0	08:10	0.274	0.925
53095	JUNCTION	28.68	28.68	0	08:09	0.651	0.651
53040	JUNCTION	5.42	115.02	0	08:10	0.122	2.790
53030	JUNCTION	11.18	109.87	0	08:10	0.259	2.670
53013	JUNCTION	0.00	64.55	0	08:10	0.000	1.587
53047	JUNCTION	67.79	87.66	0	08:09	1.561	2.003
53046	JUNCTION	9.41	15.83	0	08:09	0.204	0.351
53025	JUNCTION	19.75	19.75	0	08:09	0.468	0.467
53020	JUNCTION	15.68	99.44	0	08:10	0.363	2.414
53015	JUNCTION	21.31	21.31	0	08:09	0.501	0.501
53012	JUNCTION	16.00	44.07	0	08:10	0.364	1.088
39035	JUNCTION	13.98	13.98	0	08:09	0.324	0.324
39036	JUNCTION	0.00	28.89	0	08:10	0.000	0.665
39045	JUNCTION	20.17	48.97	0	08:10	0.477	1.142
39040	JUNCTION	15.02	15.02	0	08:09	0.342	0.342
53086	JUNCTION	7.26	29.61	0	08:10	0.166	0.664
53087	JUNCTION	18.74	48.28	0	08:10	0.444	1.107
53088	JUNCTION	18.05	66.03	0	08:10	0.409	1.515
53120	JUNCTION	15.45	15.45	0	08:09	0.363	0.363

53131	JUNCTION	18.77	41.54	0	08:10	0.430	0.941
36001	JUNCTION	8.91	30.76	0	08:10	0.194	0.694
36000	JUNCTION	7.78	7.78	0	08:09	0.171	0.171
36002	JUNCTION	0.00	53.80	0	08:10	0.000	1.219
36005	JUNCTION	23.13	23.13	0	08:09	0.526	0.526
36016	JUNCTION	8.97	20.81	0	08:10	0.198	0.467
36017	JUNCTION	8.97	29.74	0	08:10	0.195	0.661
36025	JUNCTION	30.41	30.41	0	08:09	0.655	0.655
36020	JUNCTION	13.22	139.86	0	08:10	0.285	3.100
37000	JUNCTION	11.55	11.55	0	08:09	0.269	0.269
39060	JUNCTION	28.14	28.14	0	08:09	0.612	0.612
39061	JUNCTION	8.13	36.23	0	08:10	0.183	0.794
37005	JUNCTION	16.18	16.18	0	08:09	0.377	0.377
37003	JUNCTION	0.00	45.39	0	08:10	0.000	1.050
37002	JUNCTION	13.96	29.20	0	08:10	0.325	0.675
36031	JUNCTION	3.14	179.22	0	08:10	0.068	3.966
36035	JUNCTION	29.25	29.25	0	08:09	0.644	0.644
36010	JUNCTION	13.13	96.36	0	08:10	0.283	2.162
53010	JUNCTION	11.14	11.14	0	08:09	0.254	0.254
53011	JUNCTION	17.23	28.35	0	08:10	0.470	0.725
39005	JUNCTION	25.75	25.75	0	08:09	0.558	0.558
39006	JUNCTION	12.24	37.97	0	08:09	0.264	0.822
39007	JUNCTION	26.51	64.44	0	08:09	0.580	1.401
39008	JUNCTION	7.28	71.63	0	08:10	0.165	1.565
39050	JUNCTION	23.84	235.19	0	08:10	0.518	5.362
39009	JUNCTION	5.74	211.69	0	08:10	0.124	4.847
39030	JUNCTION	32.99	134.59	0	08:10	0.836	3.159
39025	JUNCTION	14.14	14.14	0	08:09	0.326	0.326
53150	JUNCTION	6.57	314.28	0	08:11	0.145	7.202
53105	JUNCTION	24.95	24.95	0	08:09	0.550	0.550
26001	JUNCTION	9.29	24.68	0	08:10	0.210	0.548
26000	JUNCTION	15.41	15.41	0	08:09	0.338	0.338
26002	JUNCTION	20.96	45.58	0	08:09	0.463	1.011
28001	JUNCTION	0.00	20.96	0	08:10	0.000	0.456
29005	JUNCTION	29.28	29.28	0	08:09	0.643	0.643
53102	JUNCTION	0.00	50.88	0	08:10	0.000	1.134
53101	JUNCTION	50.91	50.91	0	08:09	1.134	1.134
41002	JUNCTION	12.36	28.56	0	08:09	0.277	1.417
41001	JUNCTION	25.94	42.31	0	08:09	0.582	1.134
46000	JUNCTION	20.61	20.61	0	08:09	0.451	0.451
46001	JUNCTION	19.10	39.69	0	08:10	0.452	0.903
46002	JUNCTION	10.45	49.99	0	08:10	0.249	1.151
42000	JUNCTION	24.17	24.17	0	08:09	0.560	0.559
44000	JUNCTION	12.20	12.20	0	08:09	0.300	0.300
42001	JUNCTION	13.50	37.53	0	08:10	0.312	0.871
40010	JUNCTION	13.88	115.54	0	08:10	0.320	2.558
40002	JUNCTION	13.46	38.09	0	08:09	0.292	0.838
40015	JUNCTION	23.60	23.60	0	08:09	0.509	0.509
43005	JUNCTION	26.17	26.17	0	08:09	0.617	0.617
40017	JUNCTION	21.62	54.45	0	08:09	0.473	1.183
43001	JUNCTION	0.00	66.16	0	08:10	0.000	1.505
43000	JUNCTION	8.79	8.79	0	08:09	0.207	0.207
45002	JUNCTION	4.07	23.54	0	08:10	0.091	0.544
47004	JUNCTION	0.00	35.84	0	08:10	0.000	0.777
47010	JUNCTION	9.41	45.18	0	08:10	0.205	0.981
47016	JUNCTION	0.00	22.96	0	08:10	0.000	0.524
47015	JUNCTION	17.84	17.84	0	08:09	0.407	0.407
47020	JUNCTION	5.15	5.15	0	08:09	0.117	0.117
48010	JUNCTION	7.17	370.93	0	08:12	0.158	9.535
19102	JUNCTION	0.00	43.15	0	07:40	0.000	0.920
19103	JUNCTION	19.57	19.57	0	08:09	0.427	0.427
19090	JUNCTION	14.11	35.93	0	07:39	0.310	0.310
47005	JUNCTION	23.61	23.61	0	08:09	0.510	0.510
47001	JUNCTION	5.64	14.69	0	08:09	0.122	0.324
47002	JUNCTION	12.96	104.91	0	08:10	0.384	2.410
19093	JUNCTION	73.10	153.31	0	08:09	1.701	3.453
19092	JUNCTION	8.96	49.16	0	07:38	0.197	0.935
19091	JUNCTION	19.56	56.77	0	07:39	0.430	0.740
19001	JUNCTION	5.38	27.81	0	08:10	0.115	0.617
19000	JUNCTION	22.49	22.49	0	08:09	0.502	0.502
19002	JUNCTION	13.41	120.42	0	08:10	0.292	2.662
40016	JUNCTION	9.29	32.88	0	08:09	0.202	0.711
51035	JUNCTION	11.55	62.37	0	08:10	0.267	1.507
19005	JUNCTION	79.55	79.55	0	08:09	1.756	1.756
19010	JUNCTION	21.62	21.62	0	08:09	0.474	0.474
19011	JUNCTION	22.74	44.30	0	08:09	0.503	0.977
19012	JUNCTION	18.38	62.59	0	08:10	0.406	1.382
19006	JUNCTION	20.39	202.84	0	08:10	0.453	4.492
19028	JUNCTION	22.75	22.75	0	08:09	0.493	0.493

19027	JUNCTION	0.00	62.04	0	08:10	0.000	1.346
19026	JUNCTION	15.93	22.05	0	08:09	0.345	0.478
19013	JUNCTION	79.06	281.65	0	08:10	2.045	6.536
J15	JUNCTION	0.00	137.53	0	08:10	0.000	2.973
19016	JUNCTION	27.74	309.01	0	08:10	0.619	7.152
19042	JUNCTION	12.93	12.93	0	08:09	0.280	0.280
19040	JUNCTION	12.91	12.91	0	08:09	0.283	0.283
19041	JUNCTION	0.00	25.78	0	08:10	0.000	0.563
7164	JUNCTION	13.99	13.99	0	08:09	0.303	0.303
7161	JUNCTION	0.00	435.41	0	08:10	0.000	9.669
7162	JUNCTION	80.27	80.27	0	08:09	1.816	1.816
7111	JUNCTION	17.69	40.42	0	08:09	0.385	0.888
7112	JUNCTION	10.69	83.11	0	08:10	0.233	1.841
7175	JUNCTION	24.88	24.88	0	08:09	0.546	0.546
7176	JUNCTION	11.00	35.86	0	08:10	0.244	0.789
7160	JUNCTION	14.76	14.76	0	08:09	0.324	0.324
7159	JUNCTION	14.51	355.59	0	08:10	0.318	7.859
7158	JUNCTION	31.49	326.70	0	08:10	0.699	7.220
7148	JUNCTION	27.65	249.21	0	08:10	0.608	5.509
7147	JUNCTION	29.57	189.08	0	08:10	0.655	4.177
7143	JUNCTION	0.00	159.75	0	08:10	0.000	3.524
7146	JUNCTION	11.12	18.08	0	08:09	0.242	0.394
7152	JUNCTION	12.12	20.54	0	08:09	0.270	0.454
7153	JUNCTION	12.27	32.77	0	08:10	0.271	0.725
7151	JUNCTION	3.76	8.43	0	08:09	0.083	0.185
7051	JUNCTION	12.03	46.31	0	08:09	0.266	1.023
7150	JUNCTION	4.68	4.68	0	08:09	0.102	0.102
7052	JUNCTION	4.15	4.15	0	08:09	0.090	0.090
7055	JUNCTION	16.33	16.33	0	08:09	0.364	0.364
7054	JUNCTION	0.00	64.13	0	08:10	0.000	1.421
7156	JUNCTION	13.78	13.78	0	08:09	0.300	0.300
7155	JUNCTION	9.76	295.73	0	08:10	0.214	6.526
7157	JUNCTION	23.40	23.40	0	08:09	0.507	0.507
7063	JUNCTION	3.34	108.83	0	08:10	0.072	2.438
7065	JUNCTION	24.04	24.04	0	08:09	0.560	0.560
7060	JUNCTION	2.80	2.80	0	08:09	0.060	0.060
7066	JUNCTION	9.35	135.49	0	08:10	0.205	3.033
7067	JUNCTION	17.53	17.53	0	08:09	0.391	0.391
7110	JUNCTION	22.81	22.81	0	08:09	0.503	0.503
7116	JUNCTION	3.81	32.32	0	08:10	0.083	0.723
7115	JUNCTION	15.04	15.04	0	08:09	0.330	0.330
7085	JUNCTION	19.26	406.48	0	08:10	0.416	9.762
7101	JUNCTION	10.93	47.60	0	08:10	0.236	1.195
7100	JUNCTION	36.83	36.83	0	08:10	0.959	0.959
7097	JUNCTION	0.00	595.00	0	08:10	0.000	14.274
7102	JUNCTION	26.91	621.02	0	08:10	0.583	14.851
7087	JUNCTION	74.87	540.82	0	08:10	1.867	12.935
7092	JUNCTION	8.40	51.66	0	08:10	0.182	1.121
7091	JUNCTION	16.38	43.31	0	08:09	0.355	0.939
7090	JUNCTION	26.98	26.98	0	08:09	0.585	0.585
7081	JUNCTION	12.98	81.18	0	08:10	0.281	1.888
7082	JUNCTION	0.00	58.95	0	08:10	0.000	1.405
J119	JUNCTION	0.00	23.84	0	08:10	0.000	0.686
7071	JUNCTION	15.99	39.61	0	08:10	0.371	1.055
23002	JUNCTION	0.00	31.97	0	08:10	0.000	0.742
23000	JUNCTION	18.53	18.53	0	08:09	0.433	0.433
54002	JUNCTION	0.00	32.34	0	08:10	0.000	0.743
54075	JUNCTION	80.46	80.46	0	08:09	1.800	1.800
17066	JUNCTION	6.78	20.67	0	08:09	0.147	0.447
17067	JUNCTION	16.86	37.50	0	08:09	0.365	0.812
17068	JUNCTION	11.13	48.55	0	08:10	0.241	1.052
23010	JUNCTION	13.89	45.60	0	08:10	0.321	1.063
17045	JUNCTION	13.13	13.13	0	08:09	0.287	0.287
17046	JUNCTION	0.00	13.13	0	08:10	0.000	0.287
17047	JUNCTION	5.56	18.68	0	08:09	0.122	0.409
17061	JUNCTION	2.22	76.14	0	08:09	0.047	2.479
17074	JUNCTION	0.00	717.45	0	08:11	0.000	16.905
17095	JUNCTION	0.00	351.01	0	08:12	0.000	9.167
17089	JUNCTION	2.05	69.03	0	08:04	0.045	1.469
19036	JUNCTION	0.00	163.97	0	08:10	0.000	3.605
53136	JUNCTION	23.65	230.29	0	08:10	0.514	5.310
53125	JUNCTION	44.40	181.36	0	08:10	1.049	4.223
32006	JUNCTION	5.81	15.36	0	08:09	0.125	0.331
32005	JUNCTION	9.56	9.56	0	08:09	0.206	0.206
19045	JUNCTION	0.00	187.17	0	08:10	0.000	4.125
11037	JUNCTION	12.85	51.92	0	08:09	0.286	1.179
11021	JUNCTION	0.00	683.63	0	08:11	0.000	16.569
11015	JUNCTION	4.87	267.65	0	08:08	0.110	7.926
11016	JUNCTION	0.00	915.80	0	08:11	0.000	24.187

11025	JUNCTION	4.41	39.45	0	08:08	0.099	0.406
11045	JUNCTION	3.44	917.34	0	08:12	0.077	24.255
11026	JUNCTION	11.70	91.20	0	08:08	0.282	1.734
11033	JUNCTION	7.00	98.11	0	08:09	0.154	1.886
11046	JUNCTION	3.76	920.67	0	08:13	0.083	24.325
40000	JUNCTION	5.58	5.58	0	08:09	0.131	0.131
10039	JUNCTION	0.00	50.55	0	08:10	0.000	1.105
11047	JUNCTION	1.92	922.25	0	08:13	0.043	24.360
11048	JUNCTION	7.99	929.14	0	08:13	0.175	24.532
11040	JUNCTION	0.00	162.73	0	08:10	0.000	3.348
10050	JUNCTION	2.70	2.70	0	08:09	0.059	0.059
11041	JUNCTION	0.00	1202.28	0	08:10	0.000	30.805
16022	JUNCTION	5.76	109.23	0	08:11	0.128	2.700
16021	JUNCTION	7.64	569.84	0	08:13	0.170	14.912
16020	JUNCTION	0.00	563.10	0	08:13	0.000	14.749
13001	JUNCTION	13.39	40.96	0	08:10	0.292	1.280
13002	JUNCTION	0.00	40.96	0	08:10	0.000	1.278
16030	JUNCTION	48.64	48.64	0	08:09	1.079	1.079
16031	JUNCTION	33.13	81.77	0	08:09	0.737	1.816
13003	JUNCTION	0.00	40.94	0	08:10	0.000	1.278
7351	JUNCTION	9.25	745.67	0	08:10	0.201	18.172
7350	JUNCTION	3.83	714.78	0	08:09	0.084	17.981
7270	JUNCTION	1.96	671.88	0	08:10	0.043	17.030
7329	JUNCTION	6.43	420.92	0	08:10	0.142	11.487
7286	JUNCTION	10.45	10.45	0	08:09	0.232	0.232
7287	JUNCTION	29.07	39.52	0	08:09	0.643	0.875
10032	JUNCTION	90.32	90.32	0	08:09	1.992	1.992
10031	JUNCTION	3.83	330.03	0	08:10	0.084	7.276
10033	JUNCTION	13.20	342.98	0	08:10	0.288	7.561
10034	JUNCTION	42.44	435.50	0	08:10	0.933	9.596
10040	JUNCTION	29.59	464.68	0	08:10	0.653	10.246
11038	JUNCTION	22.89	22.89	0	08:09	0.508	0.508
13025	JUNCTION	12.35	96.66	0	08:10	0.273	2.515
11058	JUNCTION	13.81	1249.43	0	08:09	0.305	31.963
12002	JUNCTION	0.00	54.31	0	08:09	0.000	1.197
7136	JUNCTION	22.33	34.46	0	08:09	0.490	0.756
7135	JUNCTION	12.14	12.14	0	08:09	0.266	0.266
7125	JUNCTION	18.06	18.06	0	08:09	0.401	0.401
7127	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7035	JUNCTION	72.29	72.29	0	08:09	1.706	1.706
7126	JUNCTION	16.77	34.80	0	08:09	0.370	0.771
7128	JUNCTION	10.37	45.10	0	08:10	0.229	0.999
7139	JUNCTION	15.02	15.02	0	08:09	0.330	0.330
7138	JUNCTION	0.00	56.77	0	08:10	0.000	1.249
49000	JUNCTION	35.90	35.90	0	08:09	0.796	0.796
7078	JUNCTION	30.95	387.54	0	08:10	0.879	9.350
7077	JUNCTION	17.59	275.96	0	08:10	0.396	6.588
7076	JUNCTION	25.15	241.89	0	08:10	0.566	5.597
7074	JUNCTION	77.11	77.11	0	08:09	1.752	1.752
7073	JUNCTION	0.00	217.08	0	08:10	0.000	5.033
7075	JUNCTION	98.28	98.28	0	08:09	2.178	2.178
7038	JUNCTION	18.29	557.63	0	08:10	0.406	12.800
7037	JUNCTION	7.03	482.82	0	08:10	0.156	11.123
7043	JUNCTION	46.92	603.71	0	08:10	1.038	13.832
53002	JUNCTION	17.89	48.12	0	08:09	0.395	1.075
39000	JUNCTION	141.15	141.15	0	08:09	3.460	3.459
50147	JUNCTION	14.87	40.98	0	08:09	0.325	0.897
50148	JUNCTION	14.45	55.40	0	08:09	0.324	1.221
50149	JUNCTION	7.48	62.82	0	08:10	0.172	1.393
53000	JUNCTION	18.32	18.32	0	08:09	0.411	0.411
53001	JUNCTION	12.04	30.33	0	08:09	0.270	0.681
47011	JUNCTION	17.58	85.23	0	08:10	0.382	1.886
50016	JUNCTION	11.43	41.51	0	08:10	0.255	0.966
53170	JUNCTION	31.75	31.75	0	08:09	0.700	0.700
53151	JUNCTION	0.00	346.00	0	08:10	0.000	7.909
53155	JUNCTION	32.69	32.69	0	08:09	0.723	0.723
29000	JUNCTION	28.54	28.54	0	08:09	0.626	0.625
39010	JUNCTION	11.94	11.94	0	08:09	0.263	0.263
39015	JUNCTION	7.71	7.71	0	08:09	0.170	0.170
53071	JUNCTION	3.04	519.58	0	08:11	0.067	12.148
53070	JUNCTION	5.78	493.52	0	08:11	0.127	11.519
53061	JUNCTION	2.74	487.54	0	08:11	0.060	11.394
53060	JUNCTION	0.00	306.88	0	08:10	0.000	7.128
53055	JUNCTION	8.51	90.00	0	08:10	0.188	2.004
53005	JUNCTION	0.00	81.57	0	08:10	0.000	1.817
53041	JUNCTION	14.99	216.94	0	08:10	0.339	5.127
53066	JUNCTION	18.27	181.44	0	08:10	0.459	4.209
53168	JUNCTION	0.00	129.92	0	08:10	0.000	2.863
50001	JUNCTION	6.34	34.33	0	08:10	0.146	0.854

50000	JUNCTION	28.26	28.26	0	08:09	0.709	0.709
50010	JUNCTION	21.79	56.00	0	08:10	0.525	1.378
50011	JUNCTION	15.12	165.68	0	08:10	0.365	3.886
50040	JUNCTION	15.55	200.57	0	08:11	0.369	4.802
50041	JUNCTION	23.16	344.42	0	08:10	0.589	8.155
50055	JUNCTION	32.78	121.89	0	08:10	0.744	2.770
50070	JUNCTION	12.25	12.25	0	08:09	0.266	0.266
50071	JUNCTION	21.76	34.00	0	08:09	0.476	0.742
50061	JUNCTION	0.00	347.11	0	08:11	0.000	8.223
50062	JUNCTION	27.44	373.14	0	08:11	0.599	8.819
50063	JUNCTION	14.76	387.20	0	08:10	0.322	9.137
50064	JUNCTION	7.14	395.90	0	08:10	0.165	9.301
50065	JUNCTION	8.80	402.21	0	08:11	0.194	9.493
50090	JUNCTION	21.35	125.46	0	08:10	0.465	2.758
50100	JUNCTION	12.04	189.60	0	08:10	0.266	4.175
50120	JUNCTION	11.03	200.47	0	08:10	0.244	4.418
50132	JUNCTION	0.00	35.98	0	08:10	0.000	0.778
50140	JUNCTION	11.85	47.79	0	08:10	0.259	1.036
50141	JUNCTION	7.79	118.22	0	08:10	0.175	2.601
50135	JUNCTION	26.21	26.21	0	08:09	0.566	0.566
50107	JUNCTION	10.95	43.15	0	08:10	0.236	0.948
50110	JUNCTION	11.03	11.03	0	08:09	0.251	0.251
50106	JUNCTION	5.82	21.22	0	08:09	0.126	0.460
50095	JUNCTION	14.88	14.88	0	08:09	0.321	0.321
50105	JUNCTION	15.41	15.41	0	08:09	0.335	0.335
50080	JUNCTION	10.73	10.73	0	08:09	0.237	0.237
50077	JUNCTION	0.00	36.37	0	08:10	0.000	0.817
50076	JUNCTION	5.87	25.70	0	08:10	0.134	0.581
50075	JUNCTION	19.84	19.84	0	08:09	0.447	0.447
50085	JUNCTION	19.25	55.56	0	08:10	0.415	1.233
50045	JUNCTION	18.01	89.34	0	08:10	0.394	2.028
50020	JUNCTION	23.84	23.84	0	08:09	0.533	0.533
50025	JUNCTION	39.91	61.61	0	08:09	0.902	1.401
50026	JUNCTION	15.93	77.25	0	08:10	0.345	1.744
50028	JUNCTION	5.82	95.01	0	08:10	0.126	2.146
50018	JUNCTION	0.00	66.64	0	08:10	0.000	1.528
50017	JUNCTION	1.38	42.89	0	08:10	0.030	0.995
50015	JUNCTION	30.08	30.08	0	08:09	0.712	0.712
51005	JUNCTION	28.23	28.23	0	08:09	0.630	0.630
51001	JUNCTION	0.00	28.22	0	08:10	0.000	0.629
51020	JUNCTION	0.00	86.71	0	08:10	0.000	1.951
51015	JUNCTION	28.01	28.01	0	08:09	0.621	0.621
51021	JUNCTION	0.00	86.66	0	08:10	0.000	1.949
51022	JUNCTION	8.78	95.15	0	08:10	0.192	2.140
51023	JUNCTION	7.49	141.59	0	08:10	0.163	3.272
51041	JUNCTION	0.00	199.98	0	08:10	0.000	4.646
51040	JUNCTION	36.11	177.12	0	08:10	0.843	4.112
51027	JUNCTION	23.40	51.14	0	08:10	0.578	1.241
51026	JUNCTION	16.28	19.82	0	08:09	0.400	0.477
51030	JUNCTION	8.09	8.09	0	08:09	0.188	0.188
39080	JUNCTION	6.75	6.75	0	08:09	0.156	0.156
39076	JUNCTION	0.00	24.09	0	08:10	0.000	0.579
39075	JUNCTION	17.41	17.41	0	08:09	0.423	0.423
7044	JUNCTION	19.64	622.90	0	08:10	0.444	14.268
7142	JUNCTION	4.64	72.99	0	08:10	0.102	1.610
7046	JUNCTION	20.29	20.29	0	08:09	0.441	0.441
7047	JUNCTION	0.00	806.55	0	08:10	0.000	18.439
7068	JUNCTION	18.21	153.49	0	08:10	0.401	3.432
7069	JUNCTION	16.72	822.69	0	08:10	0.370	19.924
39055	JUNCTION	15.22	527.27	0	08:11	0.348	12.190
5027	JUNCTION	1.90	211.58	0	08:10	0.041	5.018
5006	JUNCTION	0.00	193.46	0	08:10	0.000	4.629
5022	JUNCTION	4.10	76.84	0	08:11	0.088	1.683
5025	JUNCTION	8.81	8.81	0	08:09	0.191	0.191
7231	JUNCTION	12.99	12.99	0	08:09	0.281	0.281
19060	JUNCTION	7.80	7.80	0	08:09	0.170	0.170
19052	JUNCTION	0.00	271.57	0	08:10	0.000	6.234
19055	JUNCTION	10.94	290.45	0	08:10	0.284	6.668
19063	JUNCTION	2.10	73.26	0	08:10	0.045	1.605
19065	JUNCTION	40.81	40.81	0	08:09	0.900	0.900
19029	JUNCTION	17.43	40.13	0	08:09	0.377	0.870
7061	JUNCTION	1.43	78.79	0	08:10	0.031	1.745
7056	JUNCTION	9.13	73.17	0	08:10	0.203	1.624
7131	JUNCTION	0.00	141.83	0	08:10	0.000	3.132
7053	JUNCTION	1.64	47.91	0	08:10	0.036	1.058
2001	JUNCTION	10.40	33.54	0	08:09	0.228	0.738
7050	JUNCTION	30.16	30.16	0	08:09	0.668	0.668
7341	JUNCTION	12.56	154.50	0	08:10	0.272	3.570
17037	JUNCTION	14.32	14.32	0	08:09	0.314	0.314

11	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7232	JUNCTION	0.00	12.99	0	08:10	0.000	0.281
7236	JUNCTION	17.06	23.12	0	08:09	0.376	0.508
7237	JUNCTION	7.90	31.01	0	08:09	0.174	0.682
20012	JUNCTION	0.00	20.47	0	08:10	0.000	0.441
20013	JUNCTION	1.68	22.09	0	08:10	0.036	0.477
7294	JUNCTION	0.00	14.39	0	08:10	0.000	0.312
7299	JUNCTION	7.84	7.84	0	08:09	0.169	0.169
7298	JUNCTION	0.00	43.21	0	08:10	0.000	0.936
7261	JUNCTION	18.16	18.16	0	08:09	0.401	0.401
16007	JUNCTION	2.36	15.37	0	08:10	0.055	0.360
17002	JUNCTION	0.00	54.84	0	08:10	0.000	1.194
17006	JUNCTION	0.00	58.73	0	08:16	0.000	1.562
17015	JUNCTION	0.00	67.22	0	08:02	0.000	1.756
17011	JUNCTION	4.18	16.93	0	08:09	0.089	0.362
11005	JUNCTION	1.41	1.41	0	08:09	0.030	0.030
11036	JUNCTION	0.95	16.24	0	08:10	0.021	0.386
17076	JUNCTION	0.00	76.73	0	08:40	0.000	2.515
19030	JUNCTION	31.57	93.43	0	08:10	0.719	2.063
17	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7040	JUNCTION	36.76	36.76	0	08:09	0.815	0.815
7041	JUNCTION	20.84	57.57	0	08:09	0.463	1.278
17079	JUNCTION	0.00	17.50	0	08:10	0.000	0.386
17077	JUNCTION	0.00	89.25	0	08:40	0.000	2.900
9010	JUNCTION	10.53	31.73	0	08:09	0.226	0.685
8020	JUNCTION	15.51	47.31	0	08:09	0.336	1.022
9000	JUNCTION	8.51	8.51	0	08:09	0.183	0.183
7338	JUNCTION	0.00	92.73	0	08:10	0.000	2.210
50131	JUNCTION	5.34	9.81	0	08:09	0.116	0.212
50130	JUNCTION	4.48	4.48	0	08:09	0.096	0.096
50066	JUNCTION	6.20	607.84	0	08:10	0.169	14.073
50072	JUNCTION	0.00	89.44	0	08:10	0.000	1.973
50096	JUNCTION	0.00	14.87	0	08:10	0.000	0.321
50060	JUNCTION	3.33	347.24	0	08:10	0.072	8.224
50031	JUNCTION	0.00	185.84	0	08:12	0.000	4.437
50035	JUNCTION	14.01	14.01	0	08:09	0.305	0.305
50050	JUNCTION	26.73	26.73	0	08:09	0.606	0.606
50005	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
55	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
51025	JUNCTION	3.56	3.56	0	08:09	0.077	0.077
7332	JUNCTION	20.47	69.68	0	08:10	0.445	1.514
20030	JUNCTION	34.95	329.36	0	08:04	0.771	6.857
7323	JUNCTION	0.00	146.03	0	08:10	0.000	3.216
7309	JUNCTION	0.00	197.07	0	08:14	0.000	5.867
7325	JUNCTION	3.05	190.04	0	08:10	0.067	6.090
7328	JUNCTION	8.14	198.15	0	08:09	0.180	6.267
1000	JUNCTION	45.01	45.01	0	08:09	0.989	0.989
52001	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
34010	JUNCTION	9.01	9.01	0	08:09	0.197	0.197
31001	JUNCTION	0.00	5.07	0	08:10	0.000	0.112
24000	JUNCTION	13.78	13.78	0	08:09	0.295	0.295
24005	JUNCTION	13.68	13.68	0	08:09	0.293	0.293
24085	JUNCTION	6.11	6.11	0	08:09	0.131	0.131
24086	JUNCTION	7.26	13.36	0	08:09	0.158	0.289
17141	JUNCTION	18.16	18.16	0	08:09	0.397	0.397
17160	JUNCTION	0.00	366.93	0	08:11	0.000	9.556
17091	JUNCTION	10.81	756.01	0	08:11	0.231	17.786
17161	JUNCTION	0.00	366.87	0	08:11	0.000	9.549
17162	JUNCTION	0.00	366.84	0	08:12	0.000	9.547
17107	JUNCTION	0.69	0.69	0	08:09	0.015	0.015
17092	JUNCTION	7.44	7.44	0	08:09	0.159	0.159
31000	JUNCTION	5.07	5.07	0	08:09	0.113	0.113
11010	JUNCTION	66.82	224.75	0	08:08	1.529	6.774
7313	JUNCTION	4.86	50.25	0	08:10	0.106	1.116
10004	JUNCTION	0.00	85.99	0	08:10	0.000	1.888
5001	JUNCTION	0.56	10.68	0	08:10	0.012	0.244
7005	JUNCTION	10.73	10.73	0	08:09	0.232	0.232
5000	JUNCTION	10.14	10.14	0	08:09	0.232	0.232
5002	JUNCTION	30.30	40.97	0	08:10	0.764	1.008
5005	JUNCTION	14.75	117.01	0	08:10	0.318	2.948
5012	JUNCTION	4.59	22.24	0	08:09	0.099	0.480
10056	JUNCTION	26.92	35.66	0	08:09	0.583	0.773
10057	JUNCTION	5.00	40.54	0	08:10	0.108	0.880
10053	JUNCTION	0.00	538.98	0	08:10	0.000	11.859
36050	JUNCTION	38.39	38.39	0	08:09	0.827	0.827
36046	JUNCTION	0.00	81.43	0	08:10	0.000	1.763
36040	JUNCTION	31.61	291.90	0	08:10	0.692	6.419
35005	JUNCTION	6.16	69.62	0	08:10	0.135	1.549
35006	JUNCTION	3.74	73.29	0	08:10	0.082	1.631

35003	JUNCTION	10.18	50.02	0	08:10	0.221	1.119
35002	JUNCTION	13.35	39.92	0	08:10	0.290	0.899
35001	JUNCTION	12.11	26.65	0	08:09	0.271	0.609
35000	JUNCTION	14.59	14.59	0	08:09	0.339	0.339
19104	JUNCTION	9.40	51.78	0	07:40	0.203	1.122
19105	JUNCTION	6.46	71.08	0	07:35	0.141	1.269
19106	JUNCTION	8.53	48.33	0	07:26	0.188	1.445
19094	JUNCTION	23.03	209.75	0	07:41	0.505	5.865
19018	JUNCTION	4.54	312.83	0	08:10	0.099	7.248
19050	JUNCTION	23.54	23.54	0	08:09	0.523	0.523
19044	JUNCTION	17.22	46.87	0	08:09	0.374	1.021
19031	JUNCTION	0.00	117.29	0	08:10	0.000	2.585
19032	JUNCTION	23.91	23.91	0	08:09	0.522	0.522
7197	JUNCTION	29.30	29.30	0	08:09	0.633	0.633
7194	JUNCTION	18.72	111.17	0	08:10	0.406	2.474
7196	JUNCTION	0.00	126.69	0	08:09	0.000	3.452
7105A	JUNCTION	0.00	774.35	0	08:11	0.000	19.706
7105	JUNCTION	21.49	586.50	0	08:10	0.466	16.123
7145	JUNCTION	6.97	6.97	0	08:09	0.152	0.152
7120	JUNCTION	19.99	1587.89	0	08:11	0.448	36.868
19035	JUNCTION	0.00	117.27	0	08:10	0.000	2.584
7228	JUNCTION	5.24	49.81	0	08:10	0.115	1.087
7241	JUNCTION	0.00	21.30	0	08:10	0.000	0.464
7229	JUNCTION	13.68	479.32	0	08:10	0.300	11.182
7245	JUNCTION	60.73	60.73	0	08:09	1.344	1.344
7271	JUNCTION	12.09	24.48	0	08:09	0.265	0.536
7265	JUNCTION	0.00	142.40	0	08:10	0.000	3.137
5003	JUNCTION	61.85	102.74	0	08:10	1.625	2.632
11032	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
40003	JUNCTION	0.00	47.47	0	08:10	0.000	1.056
17026	JUNCTION	2.39	154.29	0	08:03	0.052	3.734
17081	JUNCTION	2.80	101.84	0	08:40	0.061	3.294
13015	JUNCTION	7.95	84.44	0	08:10	0.176	2.242
15005	JUNCTION	20.46	20.46	0	08:09	0.449	0.449
16041	JUNCTION	3.73	29.72	0	08:09	0.082	0.661
23005	JUNCTION	9.87	9.87	0	08:09	0.225	0.225
39020	JUNCTION	8.13	27.70	0	08:10	0.178	0.611
39021	JUNCTION	11.31	53.08	0	08:10	0.247	1.184
8006	JUNCTION	6.45	12.06	0	08:09	0.139	0.259
11007	JUNCTION	0.00	159.06	0	08:10	0.000	5.247
16005	JUNCTION	8.77	8.77	0	08:09	0.210	0.210
24091	JUNCTION	8.36	413.66	0	08:10	0.187	9.113
24026	JUNCTION	24.91	24.91	0	08:09	0.540	0.540
24035	JUNCTION	13.92	13.92	0	08:09	0.301	0.301
40005	JUNCTION	9.43	9.43	0	08:09	0.218	0.218
32000	JUNCTION	41.36	41.36	0	08:09	0.925	0.925
24065	JUNCTION	17.28	17.28	0	08:09	0.374	0.374
21010	JUNCTION	23.37	23.37	0	08:09	0.508	0.508
17056	JUNCTION	12.37	24.55	0	08:09	0.273	0.547
17152	JUNCTION	0.00	20.88	0	08:10	0.000	0.450
19021	JUNCTION	10.47	33.52	0	08:10	0.232	0.812
19022	JUNCTION	7.90	41.42	0	08:10	0.174	0.986
19053	JUNCTION	0.00	561.65	0	08:11	0.000	12.896
48015	JUNCTION	3.46	458.00	0	09:02	0.076	14.606
11001	JUNCTION	0.00	21.81	0	07:27	0.000	0.534
17131	JUNCTION	7.99	22.97	0	08:11	0.190	0.530
53116	JUNCTION	0.00	88.40	0	08:10	0.000	2.048
47000	JUNCTION	9.09	9.09	0	08:09	0.201	0.201
7233	JUNCTION	2.45	46.41	0	08:10	0.053	1.015
7339	JUNCTION	21.53	21.53	0	08:09	0.465	0.465
10007	JUNCTION	7.41	7.41	0	08:09	0.160	0.160
7016	JUNCTION	3.09	4.80	0	08:09	0.067	0.103
17050	JUNCTION	5.47	216.06	0	08:04	0.118	5.104
35004	JUNCTION	13.64	63.57	0	08:10	0.296	1.415
19082	JUNCTION	16.20	111.49	0	08:10	0.352	2.435
7015	JUNCTION	1.71	1.71	0	08:09	0.037	0.037
43010	JUNCTION	31.32	31.32	0	08:09	0.681	0.681
37001	JUNCTION	3.78	15.28	0	08:10	0.082	0.350
7036	JUNCTION	64.22	190.50	0	08:10	1.430	4.361
19061	JUNCTION	0.00	17.58	0	08:10	0.000	0.383
7057	JUNCTION	1.48	77.38	0	08:10	0.032	1.715
7062	JUNCTION	2.89	81.61	0	08:10	0.062	1.807
7095	JUNCTION	2.15	547.62	0	08:10	0.046	13.083
7096	JUNCTION	4.95	4.95	0	08:09	0.106	0.106
7086	JUNCTION	8.91	415.16	0	08:10	0.193	9.952
7103	JUNCTION	11.96	632.20	0	08:11	0.258	15.103
7190	JUNCTION	22.33	22.33	0	08:09	0.498	0.498
19095	JUNCTION	21.25	21.25	0	08:09	0.467	0.467
48005	JUNCTION	24.63	129.14	0	08:10	0.687	3.093

7202	JUNCTION	16.66	16.66	0	08:09	0.364	0.364
20001	JUNCTION	8.43	17.79	0	08:09	0.177	0.378
20011	JUNCTION	20.52	20.52	0	08:09	0.442	0.442
J16	JUNCTION	0.00	79.57	0	08:10	0.000	1.633
7291	JUNCTION	8.08	14.42	0	08:09	0.173	0.312
7293	JUNCTION	0.00	14.39	0	08:10	0.000	0.312
7296	JUNCTION	13.94	13.94	0	08:09	0.301	0.301
7297	JUNCTION	7.17	7.17	0	08:09	0.156	0.156
20020	JUNCTION	28.27	184.28	0	08:10	0.608	3.986
7310	JUNCTION	13.16	13.16	0	08:09	0.284	0.284
20025	JUNCTION	17.44	17.44	0	08:09	0.375	0.375
20035	JUNCTION	29.55	29.55	0	08:09	0.644	0.644
7319	JUNCTION	11.98	63.04	0	08:09	0.262	1.379
7322	JUNCTION	14.89	146.03	0	08:10	0.328	3.217
7327	JUNCTION	0.00	7.30	0	08:10	0.000	0.161
7326	JUNCTION	7.30	7.30	0	08:09	0.161	0.161
4	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7330	JUNCTION	37.62	37.62	0	08:09	0.816	0.816
7346	JUNCTION	37.10	37.10	0	08:09	0.824	0.824
7268	JUNCTION	28.41	28.41	0	08:09	0.635	0.635
7010	JUNCTION	4.72	4.72	0	08:09	0.102	0.102
7022	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
7012	JUNCTION	10.12	10.12	0	08:09	0.219	0.219
5015	JUNCTION	11.42	11.42	0	08:09	0.248	0.248
5020	JUNCTION	9.44	9.44	0	08:09	0.204	0.204
5016	JUNCTION	6.44	17.84	0	08:09	0.140	0.387
5021	JUNCTION	9.10	18.53	0	08:09	0.197	0.401
5031	JUNCTION	7.38	16.30	0	08:09	0.159	0.352
5026	JUNCTION	6.43	15.24	0	08:09	0.139	0.330
4000	JUNCTION	18.73	18.73	0	08:09	0.402	0.402
5030	JUNCTION	8.93	8.93	0	08:09	0.193	0.193
8016	JUNCTION	0.00	12.19	0	08:10	0.000	0.263
10015	JUNCTION	12.05	12.05	0	08:09	0.264	0.264
9005	JUNCTION	12.77	12.77	0	08:09	0.277	0.277
7355	JUNCTION	12.85	4067.94	0	08:12	0.274	94.955
7018	JUNCTION	17.90	4067.84	0	08:11	0.386	94.710
8000	JUNCTION	4.26	4.26	0	08:09	0.093	0.093
11034	JUNCTION	12.90	162.74	0	08:10	0.286	3.349
11055	JUNCTION	0.00	1211.32	0	08:10	0.000	31.004
12005	JUNCTION	22.29	22.29	0	08:09	0.488	0.488
11051	JUNCTION	100.50	112.87	0	08:09	2.655	2.930
37	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
13021	JUNCTION	10.22	16.31	0	08:09	0.226	0.360
14003	JUNCTION	8.58	41.59	0	08:09	0.185	0.914
14004	JUNCTION	0.00	41.59	0	08:10	0.000	0.914
15000	JUNCTION	8.45	8.45	0	08:09	0.187	0.187
15001	JUNCTION	0.00	28.85	0	08:10	0.000	0.636
J166	JUNCTION	0.00	605.68	0	08:12	0.000	15.796
16036	JUNCTION	22.19	922.32	0	08:11	0.601	23.354
16035	JUNCTION	6.74	871.88	0	08:11	0.153	22.097
J20	JUNCTION	0.00	29.92	0	08:10	0.000	0.648
18011	JUNCTION	17.05	49.06	0	08:09	0.371	1.075
18000	JUNCTION	9.96	9.96	0	08:09	0.217	0.217
17090	JUNCTION	29.29	745.73	0	08:11	0.661	17.560
21005	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
21000	JUNCTION	7.42	7.42	0	08:09	0.160	0.160
33	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
22005	JUNCTION	9.96	9.96	0	08:09	0.215	0.215
22003	JUNCTION	0.00	21.62	0	08:10	0.000	0.466
22001	JUNCTION	3.00	9.31	0	08:09	0.065	0.200
22000	JUNCTION	6.32	6.32	0	08:09	0.135	0.135
35	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
23001	JUNCTION	3.73	22.23	0	08:10	0.086	0.519
17065	JUNCTION	13.94	13.94	0	08:09	0.301	0.301
17137	JUNCTION	21.11	21.11	0	08:09	0.462	0.462
17140	JUNCTION	12.45	30.59	0	08:09	0.270	0.667
36	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
17136	JUNCTION	7.15	7.15	0	08:09	0.155	0.155
17150	JUNCTION	7.26	7.26	0	08:09	0.157	0.157
17052	JUNCTION	11.12	11.12	0	08:09	0.243	0.243
17054	JUNCTION	16.56	46.18	0	08:09	0.364	1.024
16027	JUNCTION	0.00	774.32	0	08:11	0.000	19.885
16028	JUNCTION	11.72	865.51	0	08:11	0.259	21.953
13000	JUNCTION	31.15	31.15	0	08:40	0.988	0.988
16015	JUNCTION	71.76	667.83	0	08:12	2.536	17.339
17078	JUNCTION	17.51	17.51	0	08:09	0.386	0.386
17075	JUNCTION	76.77	76.77	0	08:40	2.516	2.516
17055	JUNCTION	12.20	12.20	0	08:09	0.275	0.275
17041	JUNCTION	8.30	8.30	0	08:09	0.183	0.183

17036	JUNCTION	2.38	170.63	0	08:03	0.052	4.097
17033	JUNCTION	9.90	9.90	0	08:09	0.222	0.222
25005	JUNCTION	6.74	15.73	0	08:10	0.162	0.368
25001	JUNCTION	0.00	22.47	0	08:10	0.000	0.533
54005	JUNCTION	10.95	10.95	0	08:09	0.273	0.273
24075	JUNCTION	17.58	17.58	0	08:09	0.381	0.381
24055	JUNCTION	7.69	7.69	0	08:09	0.165	0.165
24045	JUNCTION	8.22	8.22	0	08:09	0.176	0.176
28000	JUNCTION	20.98	20.98	0	08:09	0.456	0.456
54017	JUNCTION	15.20	165.08	0	08:40	0.423	4.834
27000	JUNCTION	20.92	20.92	0	08:09	0.455	0.455
J168	JUNCTION	0.00	865.49	0	08:11	0.000	21.948
54018	JUNCTION	211.58	376.14	0	08:40	6.978	11.805
32020	JUNCTION	5.24	5.24	0	08:09	0.119	0.119
32087	JUNCTION	11.30	119.92	0	08:10	0.249	2.744
17022	JUNCTION	12.55	41.39	0	08:09	0.272	0.902
27005	JUNCTION	13.33	13.33	0	08:09	0.294	0.294
30000	JUNCTION	19.11	19.11	0	08:09	0.415	0.415
32070	JUNCTION	24.43	24.43	0	08:09	0.622	0.622
17005	JUNCTION	8.00	8.00	0	08:09	0.178	0.178
17016	JUNCTION	9.09	9.09	0	08:09	0.196	0.196
16009	JUNCTION	0.00	30.11	0	08:10	0.000	0.705
16001	JUNCTION	13.36	610.24	0	08:11	0.387	14.833
16008	JUNCTION	2.34	17.68	0	08:10	0.051	0.410
16006	JUNCTION	4.24	13.01	0	08:10	0.095	0.305
11013	JUNCTION	5.71	5.71	0	08:09	0.124	0.124
11012	JUNCTION	0.00	246.09	0	08:07	0.000	7.320
11011	JUNCTION	19.33	240.45	0	08:07	0.426	7.198
16000	JUNCTION	0.00	568.11	0	08:11	0.000	13.748
11017	JUNCTION	18.48	18.48	0	08:10	0.501	0.501
19	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
20	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
21	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
19113	JUNCTION	17.45	17.45	0	08:09	0.375	0.375
32061	JUNCTION	0.00	13.65	0	08:10	0.000	0.303
32060	JUNCTION	13.67	13.67	0	08:09	0.303	0.303
32080	JUNCTION	11.28	11.28	0	08:09	0.245	0.245
32081	JUNCTION	8.31	19.57	0	08:09	0.181	0.426
32075	JUNCTION	9.95	74.56	0	08:10	0.216	1.742
D-17A	JUNCTION	10.64	104.63	0	08:10	0.233	2.399
34001	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
30003	JUNCTION	0.00	70.43	0	08:10	0.000	1.544
33001	JUNCTION	14.85	41.89	0	07:44	0.346	0.907
33002	JUNCTION	25.59	60.22	0	08:09	0.557	1.466
36045	JUNCTION	43.08	43.08	0	08:09	0.937	0.937
39	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
53115	JUNCTION	73.04	73.04	0	08:09	1.686	1.686
53132	JUNCTION	7.56	48.89	0	08:10	0.188	1.128
53140	JUNCTION	10.05	10.05	0	08:09	0.232	0.232
J33	JUNCTION	16.02	16.02	0	08:09	0.346	0.346
53103	JUNCTION	0.00	75.77	0	08:10	0.000	1.683
53110	JUNCTION	3.17	309.00	0	08:10	0.069	7.059
53305	JUNCTION	12.10	12.10	0	08:09	0.262	0.262
53302	JUNCTION	0.00	51.61	0	08:10	0.000	1.119
53301	JUNCTION	14.53	39.59	0	08:09	0.315	0.857
53300	JUNCTION	25.07	25.07	0	08:09	0.543	0.543
53310	JUNCTION	8.10	81.72	0	08:10	0.176	1.771
53316	JUNCTION	4.42	22.14	0	08:10	0.095	0.477
53320	JUNCTION	12.75	12.75	0	08:09	0.275	0.275
53165	JUNCTION	3.78	85.43	0	08:10	0.083	1.853
53166	JUNCTION	10.60	95.87	0	08:10	0.259	2.110
53315	JUNCTION	4.98	4.98	0	08:09	0.107	0.107
24025	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
53167	JUNCTION	2.46	98.30	0	08:10	0.055	2.165
53175	JUNCTION	0.00	500.54	0	08:10	0.000	19.813
53180	JUNCTION	19.30	19.30	0	08:09	0.430	0.430
53075	JUNCTION	25.58	25.58	0	08:09	0.567	0.567
53090	JUNCTION	2.46	132.37	0	08:10	0.053	3.037
53035	JUNCTION	4.09	4.09	0	08:09	0.091	0.091
53004	JUNCTION	0.00	81.60	0	08:10	0.000	1.818
53003	JUNCTION	33.72	81.69	0	08:09	0.746	1.819
53045	JUNCTION	6.43	6.43	0	08:09	0.147	0.147
39011	JUNCTION	0.00	19.63	0	08:10	0.000	0.433
48004	JUNCTION	0.00	368.03	0	08:10	0.000	9.403
36030	JUNCTION	7.22	146.95	0	08:10	0.156	3.255
36015	JUNCTION	11.86	11.86	0	08:09	0.269	0.269
38000	JUNCTION	18.89	18.89	0	08:09	0.421	0.421
36060	JUNCTION	14.22	14.22	0	08:09	0.330	0.330
D-20	JUNCTION	0.00	0.00	0	00:00	0.000	0.000

34005	JUNCTION	8.02	8.02	0	08:09	0.178	0.178
32031	JUNCTION	9.43	120.87	0	08:10	0.206	2.727
32030	JUNCTION	7.14	111.73	0	08:10	0.156	2.522
32045	JUNCTION	17.15	17.15	0	08:09	0.375	0.375
32025	JUNCTION	3.95	3.95	0	08:09	0.093	0.093
32010	JUNCTION	7.31	7.31	0	08:09	0.188	0.188
47003	JUNCTION	0.00	104.85	0	08:10	0.000	2.408
45005	JUNCTION	6.69	6.69	0	08:09	0.144	0.144
45001	JUNCTION	0.00	12.86	0	08:10	0.000	0.310
45000	JUNCTION	12.88	12.88	0	08:09	0.310	0.310
47006	JUNCTION	12.40	35.97	0	08:09	0.269	0.778
42002	JUNCTION	0.00	37.40	0	08:10	0.000	0.870
41000	JUNCTION	24.68	24.68	0	08:09	0.554	0.554
50115	JUNCTION	9.10	9.10	0	08:09	0.205	0.205
50030	JUNCTION	10.56	172.91	0	08:12	0.250	4.135
50027	JUNCTION	12.48	89.68	0	08:10	0.278	2.022
10035	JUNCTION	24.95	24.95	0	08:09	0.547	0.547
10038	JUNCTION	0.00	50.56	0	08:10	0.000	1.105
10018	JUNCTION	10.42	131.81	0	08:10	0.230	2.896
10020	JUNCTION	17.16	17.16	0	08:09	0.378	0.378
10005	JUNCTION	10.59	10.59	0	08:09	0.230	0.230
11008	JUNCTION	5.71	5.71	0	08:09	0.121	0.121
11003	JUNCTION	81.90	159.50	0	08:10	2.241	5.249
11000	JUNCTION	21.39	21.39	0	08:10	0.534	0.534
19066	JUNCTION	1.62	42.42	0	08:10	0.035	0.935
19070	JUNCTION	0.00	347.97	0	08:10	0.000	6.428
19020	JUNCTION	23.05	23.05	0	08:10	0.581	0.581
19075	JUNCTION	25.99	25.99	0	08:09	0.568	0.568
19043	JUNCTION	3.95	29.71	0	08:10	0.085	0.648
J17	JUNCTION	0.00	29.85	0	08:10	0.000	0.647
51010	JUNCTION	30.66	86.77	0	08:09	0.702	1.951
16	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
19078	JUNCTION	9.14	95.40	0	08:10	0.199	2.084
7280	JUNCTION	15.81	15.81	0	08:09	0.349	0.349
54015	JUNCTION	62.72	62.72	0	08:10	1.702	1.702
7137	JUNCTION	7.46	41.86	0	08:10	0.165	0.920
7117	JUNCTION	13.51	13.51	0	08:09	0.310	0.310
7208	JUNCTION	33.62	33.62	0	08:09	0.734	0.734
7258	JUNCTION	3.59	35.80	0	08:05	0.077	0.786
7243	JUNCTION	0.00	85.87	0	08:10	0.000	1.895
7220	JUNCTION	11.84	465.98	0	08:10	0.260	10.886
7242	JUNCTION	4.15	25.37	0	08:10	0.090	0.553
7227	JUNCTION	10.93	44.65	0	08:10	0.240	0.973
7247	JUNCTION	2.10	106.71	0	08:10	0.045	2.350
7248	JUNCTION	13.01	13.01	0	08:09	0.283	0.283
7337	JUNCTION	7.04	59.02	0	08:09	0.152	1.479
7250	JUNCTION	9.34	534.52	0	08:10	0.208	12.395
7305	JUNCTION	14.48	103.50	0	08:10	0.315	2.266
7340	JUNCTION	12.27	12.27	0	08:09	0.267	0.267
7266	JUNCTION	9.87	9.87	0	08:09	0.215	0.215
7272	JUNCTION	12.41	12.41	0	08:09	0.271	0.271
10042	JUNCTION	6.07	6.07	0	08:09	0.130	0.130
J22	JUNCTION	0.00	32.43	0	08:10	0.000	0.875
7080	JUNCTION	9.36	9.36	0	08:09	0.203	0.203
7105B	JUNCTION	0.00	888.34	0	08:11	0.000	18.229
7206	JUNCTION	9.65	225.37	0	08:10	0.211	5.610
7181	JUNCTION	49.43	49.43	0	08:09	1.099	1.099
7300	JUNCTION	10.02	89.24	0	08:10	0.216	1.952
7302	JUNCTION	13.19	36.11	0	08:10	0.304	0.801
J19	JUNCTION	0.00	29.91	0	08:10	0.000	0.648
J21	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
D-13	JUNCTION	3.35	286.00	0	08:10	0.076	6.434
19025	JUNCTION	6.13	6.13	0	08:09	0.133	0.133
19085	JUNCTION	14.78	382.31	0	08:11	0.326	7.080
53041A	JUNCTION	0.00	202.34	0	08:10	0.000	4.790
54000	JUNCTION	18.58	18.58	0	08:09	0.404	0.404
54001	JUNCTION	3.52	21.88	0	08:09	0.077	0.477
54070	JUNCTION	1.66	81.51	0	08:10	0.036	1.833
54060	JUNCTION	58.89	427.63	0	08:10	1.297	13.095
11020	JUNCTION	0.00	1252.06	0	08:10	0.000	30.330
19023	JUNCTION	0.00	541.90	0	08:10	0.000	12.350
19126A	JUNCTION	0.00	734.34	0	08:10	0.000	18.249
53400	JUNCTION	0.00	89.95	0	08:10	0.000	2.003
53401	JUNCTION	0.00	303.72	0	08:11	0.000	7.127
7288A	JUNCTION	0.00	3973.74	0	08:11	0.000	92.480
7276A	JUNCTION	0.00	3224.59	0	08:11	0.000	73.961
7182A	JUNCTION	0.00	2500.20	0	08:11	0.000	57.286
7180	JUNCTION	0.00	2500.09	0	08:11	0.000	57.306
7180A	JUNCTION	0.00	2452.45	0	08:11	0.000	56.219

7121	JUNCTION	88.41	2452.28	0	08:10	1.982	56.229
7121A	JUNCTION	0.00	781.83	0	08:10	0.000	17.400
7177A	JUNCTION	0.00	109.69	0	08:10	0.000	0.323
7165A	JUNCTION	0.00	160.46	0	08:10	0.000	3.619
7107	JUNCTION	12.44	681.41	0	08:10	0.268	18.224
7107A	JUNCTION	0.00	1568.98	0	08:11	0.000	36.427
7107B	JUNCTION	0.00	888.12	0	08:11	0.000	18.221
7069A	JUNCTION	0.00	680.31	0	08:11	0.000	15.306
7045	JUNCTION	14.72	638.82	0	08:10	0.322	14.609
17093	JUNCTION	0.00	7.43	0	08:10	0.000	0.159
17162A	JUNCTION	0.00	1122.60	0	08:11	0.000	27.325
17161A	JUNCTION	0.00	756.00	0	08:11	0.000	17.784
17091A	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
17088	JUNCTION	6.97	183.72	0	08:06	0.154	3.334
17053A	JUNCTION	5.12	5.12	0	08:09	0.113	0.113
17145	JUNCTION	0.00	73.63	0	08:10	0.000	1.597
17100B	JUNCTION	0.00	41.27	0	08:10	0.000	0.913
D-16	JUNCTION	5.73	196.32	0	08:11	0.130	4.453
D-21	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J1	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J2	JUNCTION	3.14	1131.33	0	08:14	0.068	33.331
J3	JUNCTION	0.00	1129.17	0	08:17	0.000	33.243
J4	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
43015	JUNCTION	0.00	980.81	0	08:16	0.000	28.523
42003	JUNCTION	0.00	1012.58	0	08:16	0.000	29.358
J5	JUNCTION	0.00	146.95	0	08:15	0.000	7.501
J6	JUNCTION	0.00	146.95	0	08:15	0.000	7.504
44001	JUNCTION	0.00	780.80	0	08:15	0.000	19.554
47025	JUNCTION	0.00	453.64	0	08:11	0.000	11.412
OUT17	JUNCTION	0.00	1129.68	0	08:11	0.000	27.480
J7	JUNCTION	0.00	727.03	0	08:14	0.000	18.154
46003	JUNCTION	0.00	771.32	0	08:14	0.000	19.289
J8	JUNCTION	0.00	370.88	0	08:12	0.000	9.533
J9	JUNCTION	5.27	460.82	0	09:02	0.116	14.711
50150A	JUNCTION	0.00	456.18	0	09:02	0.000	14.537
J10	JUNCTION	0.00	1320.58	0	08:10	0.000	33.359
J11	JUNCTION	0.00	1311.98	0	08:09	0.000	33.366
J12	JUNCTION	9.74	1312.09	0	08:09	0.217	33.373
J13	JUNCTION	0.00	54.32	0	08:09	0.000	1.195
J14	JUNCTION	0.00	1240.91	0	08:10	0.000	31.665
J23	JUNCTION	8.34	32.44	0	08:09	0.182	0.875
J24	JUNCTION	7.90	40.31	0	08:09	0.172	1.046
J25	JUNCTION	0.00	0.08	0	07:26	0.000	0.000
7163	JUNCTION	15.34	464.26	0	08:10	0.332	10.300
J26	JUNCTION	0.00	500.41	0	08:12	0.000	19.788
J28	JUNCTION	0.00	500.45	0	08:11	0.000	19.794
J29	JUNCTION	0.00	500.48	0	08:11	0.000	19.800
53185	JUNCTION	0.00	500.48	0	08:11	0.000	19.808
J30	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J31	JUNCTION	0.00	88.32	0	08:10	0.000	2.047
J32	JUNCTION	0.00	197.09	0	08:10	0.000	4.566
J34	JUNCTION	0.00	41.44	0	08:10	0.000	0.940
J35	JUNCTION	0.00	481.67	0	08:11	0.000	19.384
J36	JUNCTION	0.00	340.61	0	08:53	0.000	16.148
J37	JUNCTION	0.00	299.78	0	08:11	0.000	15.471
J38	JUNCTION	0.00	533.66	0	08:15	0.000	15.153
J39	JUNCTION	0.00	533.66	0	08:15	0.000	12.749
J40	JUNCTION	0.00	533.66	0	08:15	0.000	12.750
J41	JUNCTION	0.00	833.49	0	00:00	0.000	12.774
J42	JUNCTION	0.00	524.55	0	08:14	0.000	12.507
J43	JUNCTION	0.00	163.74	0	08:10	0.000	3.752
J44	JUNCTION	0.00	163.72	0	08:10	0.000	3.753
J45	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J46	JUNCTION	0.00	89.92	0	09:10	0.000	3.090
J47	JUNCTION	0.00	105.70	0	09:10	0.000	4.196
J48	JUNCTION	0.00	105.71	0	09:10	0.000	4.197
J50	JUNCTION	10.16	47.39	0	08:10	0.238	1.112
J51	JUNCTION	0.00	37.32	0	08:10	0.000	0.874
J52	JUNCTION	0.00	37.35	0	08:10	0.000	0.875
J53	JUNCTION	13.84	13.84	0	08:09	0.331	0.331
J54	JUNCTION	9.01	23.59	0	08:10	0.191	0.544
J55	JUNCTION	14.60	14.60	0	08:09	0.353	0.353
J56	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J57	JUNCTION	0.00	182.10	0	08:48	0.000	5.947
J58	JUNCTION	5.45	354.81	0	08:43	0.121	5.947
J59	JUNCTION	6.53	105.86	0	08:10	0.152	2.472
J60	JUNCTION	0.00	99.43	0	08:10	0.000	2.320
J61	JUNCTION	15.27	15.27	0	08:09	0.364	0.364
J62	JUNCTION	8.59	84.22	0	08:10	0.193	1.958

J63	JUNCTION	0.00	75.81	0	08:10	0.000	1.765
J64	JUNCTION	13.07	13.07	0	08:09	0.296	0.296
J65	JUNCTION	0.00	129.77	0	08:10	0.000	3.090
J66	JUNCTION	6.96	6.96	0	08:09	0.157	0.157
J67	JUNCTION	9.47	62.83	0	08:10	0.225	1.470
J68	JUNCTION	12.79	12.79	0	08:09	0.301	0.301
J69	JUNCTION	0.00	40.74	0	08:10	0.000	0.944
J70	JUNCTION	16.84	40.77	0	08:10	0.382	0.944
J71	JUNCTION	24.06	24.06	0	08:09	0.563	0.563
J72	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J73	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J74	JUNCTION	10.93	86.47	0	08:10	0.239	2.024
J75	JUNCTION	12.60	75.71	0	08:10	0.274	1.786
J76	JUNCTION	26.62	26.62	0	08:09	0.657	0.657
J77	JUNCTION	8.33	89.93	0	09:09	0.184	3.091
J78	JUNCTION	0.00	85.09	0	09:10	0.000	2.907
J79	JUNCTION	0.00	51.05	0	08:10	0.000	1.160
J80	JUNCTION	0.00	51.11	0	08:10	0.000	1.161
J81	JUNCTION	10.41	21.59	0	08:10	0.246	0.507
J82	JUNCTION	0.00	11.22	0	08:10	0.000	0.261
J83	JUNCTION	0.00	86.38	0	08:10	0.000	2.022
J84	JUNCTION	15.02	36.77	0	08:10	0.334	0.856
J85	JUNCTION	21.89	21.89	0	08:09	0.522	0.522
J86	JUNCTION	28.91	28.91	0	08:09	0.726	0.726
J87	JUNCTION	0.00	28.79	0	08:10	0.000	0.725
J88	JUNCTION	0.00	28.74	0	08:10	0.000	0.724
J89	JUNCTION	0.00	50.05	0	08:10	0.000	1.263
J90	JUNCTION	21.52	21.52	0	08:09	0.539	0.539
J91	JUNCTION	14.35	78.23	0	08:10	0.338	1.916
J92	JUNCTION	29.58	29.58	0	08:09	0.654	0.654
J93	JUNCTION	0.00	285.77	0	08:10	0.000	6.586
J94	JUNCTION	23.67	95.66	0	08:10	0.525	2.229
J95	JUNCTION	0.00	126.70	0	08:10	0.000	2.934
J96	JUNCTION	89.64	89.64	0	08:09	2.056	2.056
J97	JUNCTION	10.81	37.36	0	08:10	0.241	0.880
J98	JUNCTION	0.00	13.55	0	08:10	0.000	0.325
J99	JUNCTION	11.52	20.46	0	08:09	0.258	0.469
J100	JUNCTION	0.00	86.84	0	07:32	0.000	2.946
J101	JUNCTION	14.29	14.29	0	08:09	0.317	0.317
J102	JUNCTION	18.13	18.13	0	08:09	0.421	0.421
J103	JUNCTION	13.39	122.90	0	08:10	0.298	2.935
J104	JUNCTION	10.23	102.81	0	08:10	0.219	2.479
J105	JUNCTION	14.72	14.72	0	08:09	0.345	0.345
J106	JUNCTION	0.00	421.39	0	08:45	0.000	5.967
J107	JUNCTION	13.24	13.24	0	08:09	0.315	0.315
J108	JUNCTION	13.64	13.64	0	08:09	0.326	0.326
J109	JUNCTION	8.97	8.97	0	08:09	0.212	0.212
J110	JUNCTION	34.71	55.04	0	08:09	0.768	1.237
J111	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J112	JUNCTION	24.27	155.70	0	08:10	0.603	3.889
J113	JUNCTION	0.00	132.50	0	08:10	0.000	3.289
J114	JUNCTION	68.99	68.99	0	08:09	1.684	1.683
J115	JUNCTION	0.00	64.06	0	08:10	0.000	1.608
J116	JUNCTION	0.00	28.24	0	08:10	0.000	0.727
J117	JUNCTION	28.36	28.36	0	08:09	0.728	0.728
J118	JUNCTION	0.00	23.83	0	08:10	0.000	0.685
J120	JUNCTION	23.96	23.96	0	08:09	0.686	0.686
J121	JUNCTION	0.00	123.27	0	08:10	0.000	3.001
J122	JUNCTION	14.88	14.88	0	08:09	0.335	0.335
J123	JUNCTION	15.80	15.80	0	08:09	0.353	0.353
J124	JUNCTION	0.00	35.92	0	08:10	0.000	0.840
J125	JUNCTION	24.46	108.88	0	08:10	0.601	2.669
J126	JUNCTION	28.07	84.98	0	08:10	0.714	2.070
J127	JUNCTION	21.25	57.05	0	08:10	0.516	1.356
J128	JUNCTION	20.26	20.26	0	08:09	0.488	0.488
J129	JUNCTION	16.87	36.15	0	08:10	0.418	0.883
J130	JUNCTION	0.00	19.40	0	08:10	0.000	0.466
J131	JUNCTION	19.48	19.48	0	08:09	0.466	0.466
J132	JUNCTION	20.63	20.63	0	08:09	0.499	0.499
J133	JUNCTION	0.00	39.53	0	08:10	0.000	0.934
J134	JUNCTION	19.53	59.00	0	08:10	0.451	1.405
J135	JUNCTION	19.13	39.74	0	08:10	0.436	0.935
J136	JUNCTION	0.00	24.77	0	08:11	0.000	0.588
J137	JUNCTION	0.00	24.77	0	08:11	0.000	0.588
J138	JUNCTION	0.00	16.74	0	08:56	0.000	0.599
J139	JUNCTION	0.00	16.74	0	08:57	0.000	0.598
J140	JUNCTION	24.98	24.98	0	08:09	0.610	0.610
J141	JUNCTION	14.05	14.05	0	08:09	0.321	0.321
J142	JUNCTION	16.57	52.41	0	08:10	0.410	1.266

J143	JUNCTION	21.94	21.94	0	08:09	0.536	0.536
J144	JUNCTION	19.78	71.92	0	08:10	0.460	1.725
J145	JUNCTION	0.00	238.04	0	08:10	0.000	5.718
J146	JUNCTION	0.00	142.76	0	08:10	0.000	3.461
J147	JUNCTION	8.46	95.36	0	08:10	0.192	2.259
J148	JUNCTION	15.46	87.05	0	08:10	0.345	2.068
J149	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J150	JUNCTION	19.84	142.79	0	08:10	0.462	3.462
J151	JUNCTION	0.00	89.32	0	11:26	0.000	4.711
J152	JUNCTION	0.00	89.32	0	11:25	0.000	4.724
48002	JUNCTION	0.00	124.28	0	08:10	0.000	2.784
J153	JUNCTION	0.00	37.59	0	08:10	0.000	0.818
J154	JUNCTION	21.19	37.62	0	08:09	0.461	0.819
J155	JUNCTION	16.44	16.44	0	08:09	0.358	0.358
J156	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J157	JUNCTION	13.65	38.11	0	08:09	0.297	0.830
J158	JUNCTION	0.00	77.74	0	08:10	0.000	1.703
J159	JUNCTION	24.49	24.49	0	08:09	0.534	0.534
J160	JUNCTION	39.71	39.71	0	08:09	0.874	0.874
J161	JUNCTION	0.00	104.88	0	08:10	0.000	2.409
J162	JUNCTION	0.00	76.02	0	08:10	0.000	1.686
J163	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J164	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J165	JUNCTION	40.22	605.69	0	08:12	0.893	15.800
J167	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J169	JUNCTION	0.00	774.28	0	08:11	0.000	19.891
J170	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J171	JUNCTION	0.00	57.70	0	08:10	0.000	1.309
J172	JUNCTION	0.00	0.00	0	00:00	0.000	0.000
J173	JUNCTION	0.00	748.17	0	08:12	0.000	19.279
J174	JUNCTION	28.06	774.32	0	08:11	0.623	19.899
54010	JUNCTION	0.00	540.02	0	08:10	0.000	15.657
J175	JUNCTION	42.32	196.70	0	08:10	0.984	4.867
4001	OUTFALL	9.26	27.98	0	08:09	0.199	0.600
3002	OUTFALL	0.00	17.58	0	08:10	0.000	0.390
2003	OUTFALL	0.00	43.88	0	08:10	0.000	0.962
1002	OUTFALL	0.00	55.87	0	08:10	0.000	1.226
5033	OUTFALL	0.00	219.21	0	08:10	0.000	5.195
6003	OUTFALL	0.00	35.84	0	08:10	0.000	0.802
8021	OUTFALL	0.00	47.29	0	08:10	0.000	1.022
9011	OUTFALL	0.00	31.71	0	08:10	0.000	0.685
10060	OUTFALL	20.37	558.92	0	08:10	0.440	12.297
OF7	OUTFALL	0.00	196.45	0	08:10	0.000	4.863
13026	OUTFALL	0.00	96.63	0	08:10	0.000	2.514
14005	OUTFALL	0.00	41.59	0	08:10	0.000	0.914
15010	OUTFALL	0.00	28.79	0	08:10	0.000	0.635
18012	OUTFALL	1.65	50.69	0	08:10	0.036	1.111
20050	OUTFALL	196.14	491.75	0	08:09	4.577	11.426
21015	OUTFALL	4.74	73.36	0	08:10	0.102	1.593
22010	OUTFALL	8.56	30.16	0	08:09	0.184	0.649
23011	OUTFALL	0.00	45.48	0	08:10	0.000	1.062
25010	OUTFALL	10.54	32.98	0	08:10	0.229	0.762
26004	OUTFALL	0.00	54.08	0	08:10	0.000	1.212
27011	OUTFALL	0.00	56.03	0	08:10	0.000	1.235
29010	OUTFALL	0.00	67.51	0	08:10	0.000	1.485
28002	OUTFALL	0.00	20.91	0	08:10	0.000	0.455
30010	OUTFALL	5.19	75.52	0	08:10	0.114	1.658
31002	OUTFALL	0.00	5.06	0	08:10	0.000	0.112
34011	OUTFALL	14.52	23.48	0	08:10	0.349	0.546
32088	OUTFALL	0.00	119.90	0	08:10	0.000	2.743
33003	OUTFALL	0.00	60.22	0	08:09	0.000	1.465
35007	OUTFALL	0.00	73.24	0	08:10	0.000	1.629
36055	OUTFALL	0.00	291.74	0	08:10	0.000	6.415
37010	OUTFALL	0.00	45.39	0	08:10	0.000	1.049
38001	OUTFALL	0.00	18.85	0	08:10	0.000	0.421
39065	OUTFALL	0.00	527.34	0	08:11	0.000	12.188
39085	OUTFALL	11.29	35.25	0	08:10	0.257	0.835
52000	OUTFALL	73.11	73.11	0	08:10	2.910	2.910
7356	OUTFALL	44.19	4108.08	0	08:12	0.953	95.761
OF5	OUTFALL	0.00	1129.70	0	08:11	0.000	27.478
24110	OUTFALL	0.00	413.34	0	08:11	0.000	9.103
OF1	OUTFALL	0.00	1312.82	0	08:09	0.000	33.356
51045	OUTFALL	0.00	199.99	0	08:10	0.000	4.645
16045	OUTFALL	5.22	926.83	0	08:11	0.112	23.453
53006	OUTFALL	52.45	52.45	0	08:09	1.163	1.163
OF6	OUTFALL	0.00	540.03	0	08:10	0.000	15.656
49003	OUTFALL	0.00	107.30	0	08:10	0.000	2.378
OF2	OUTFALL	0.00	1129.13	0	08:18	0.000	33.220
J27	OUTFALL	0.00	500.37	0	08:12	0.000	19.781

J49	OUTFALL	0.00	105.70	0	09:10	0.000	4.195
OF3	OUTFALL	0.00	186.27	0	08:48	0.000	5.946
OF4	OUTFALL	0.00	89.32	0	11:26	0.000	4.709
OF8	OUTFALL	0.00	602.70	0	08:12	0.000	5.695
50150	STORAGE	7.43	732.79	0	08:10	0.173	16.845
53161	STORAGE	18.38	482.49	0	08:10	0.409	19.746
53160	STORAGE	39.17	338.20	0	08:10	0.866	16.905
53081	STORAGE	35.55	903.67	0	08:11	0.786	24.380
53080	STORAGE	16.54	535.20	0	08:11	0.366	13.072
53200	STORAGE	13.19	535.34	0	08:14	0.291	13.175
SU1	STORAGE	0.00	150.63	0	08:10	0.000	8.476
SU2	STORAGE	5.30	51.52	0	08:10	0.117	1.228
SU3	STORAGE	7.76	324.16	0	08:08	0.184	6.994
SU4	STORAGE	0.00	137.16	0	08:10	0.000	3.410
SU5	STORAGE	5.73	243.71	0	08:10	0.133	5.857

Node Surcharge Summary

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Meters	Min. Depth Below Rim Meters
7166	JUNCTION	1.01	1.706	0.000
7195	JUNCTION	2.40	1.740	0.000
7336	JUNCTION	1.32	1.261	0.000
7308	JUNCTION	2.89	1.142	0.000
19100	JUNCTION	1.06	1.250	0.000
20022	JUNCTION	0.15	1.650	0.000
20040	JUNCTION	0.21	1.700	0.000
7321	JUNCTION	2.71	0.731	0.519
19120	JUNCTION	0.95	0.298	0.902
19101	JUNCTION	1.63	2.158	2.232
11002	JUNCTION	10.45	1.355	0.000
10036	JUNCTION	0.19	0.041	1.759
11030	JUNCTION	1.77	1.258	0.000
7020	JUNCTION	1.95	1.800	0.000
12000	JUNCTION	0.64	0.905	0.895
12001	JUNCTION	1.18	1.518	0.282
16040	JUNCTION	0.13	0.240	1.560
14001	JUNCTION	0.13	0.586	1.214
17132	JUNCTION	1.51	0.394	1.406
17020	JUNCTION	0.17	0.891	0.859
19123	JUNCTION	0.31	0.384	0.866
19122	JUNCTION	1.80	1.250	0.000
19121	JUNCTION	1.81	1.279	0.000
32007	JUNCTION	0.24	0.539	1.261
17070	JUNCTION	0.21	0.064	1.736
17069	JUNCTION	1.33	0.809	0.941
17071	JUNCTION	2.79	1.763	0.000
17072	JUNCTION	2.84	1.845	0.000
33000	JUNCTION	0.98	1.800	0.000
29001	JUNCTION	0.29	0.471	1.329
26003	JUNCTION	0.30	0.600	1.200
37005	JUNCTION	0.21	0.308	1.492
37003	JUNCTION	0.87	0.458	1.342
37002	JUNCTION	0.85	0.937	0.863
53150	JUNCTION	21.01	0.498	0.752
41002	JUNCTION	17.64	1.639	0.000
41001	JUNCTION	14.78	1.774	0.000
19102	JUNCTION	2.10	1.424	1.596
19090	JUNCTION	1.61	1.570	0.000
19093	JUNCTION	1.80	1.574	0.000
19092	JUNCTION	1.71	1.550	0.000
19091	JUNCTION	1.64	1.490	0.000
13001	JUNCTION	2.52	0.821	0.979
11058	JUNCTION	0.01	0.001	1.244
12002	JUNCTION	3.93	1.280	0.520
49000	JUNCTION	0.84	0.631	1.169
47011	JUNCTION	1.96	0.142	1.483
50016	JUNCTION	1.69	0.511	1.289
53151	JUNCTION	22.69	0.608	0.612
53041	JUNCTION	0.20	0.289	1.931
50065	JUNCTION	0.20	0.123	1.352
50015	JUNCTION	1.19	0.765	1.035

5006	JUNCTION	2.40	0.660	1.040
5022	JUNCTION	1.11	0.380	1.320
11	JUNCTION	24.00	0.000	2.000
17002	JUNCTION	4.64	1.776	0.000
17006	JUNCTION	4.73	1.750	0.000
17015	JUNCTION	4.88	1.750	0.000
50066	JUNCTION	2.22	0.316	1.084
50031	JUNCTION	0.28	0.073	1.477
55	JUNCTION	24.00	0.000	2.000
7332	JUNCTION	0.64	1.257	0.000
20030	JUNCTION	0.45	1.645	0.000
7323	JUNCTION	2.79	1.389	0.000
7309	JUNCTION	2.96	1.161	0.000
11010	JUNCTION	0.14	0.283	0.967
19104	JUNCTION	2.77	0.710	0.000
19105	JUNCTION	3.31	0.709	0.000
19106	JUNCTION	3.69	0.602	0.000
19094	JUNCTION	1.82	0.980	0.000
19018	JUNCTION	1.53	0.712	0.838
7197	JUNCTION	1.79	1.750	0.000
7194	JUNCTION	1.45	1.750	0.000
7196	JUNCTION	2.89	1.700	0.000
7228	JUNCTION	1.18	0.181	1.619
16041	JUNCTION	0.07	0.027	1.773
16005	JUNCTION	1.04	1.204	0.696
19021	JUNCTION	0.73	0.172	1.627
19022	JUNCTION	0.84	0.095	1.699
11001	JUNCTION	3.91	1.250	0.000
17131	JUNCTION	1.19	0.322	1.478
19095	JUNCTION	1.48	1.253	0.000
7322	JUNCTION	2.77	1.069	0.181
4	JUNCTION	24.00	0.000	2.000
4000	JUNCTION	0.69	1.173	0.677
12005	JUNCTION	0.84	1.058	0.742
37	JUNCTION	24.00	0.000	2.000
14004	JUNCTION	0.71	0.050	1.750
16035	JUNCTION	1.31	0.199	0.901
33	JUNCTION	24.00	0.000	2.000
35	JUNCTION	24.00	0.000	2.000
36	JUNCTION	24.00	0.000	2.000
13000	JUNCTION	0.34	1.745	0.055
16006	JUNCTION	1.57	1.148	0.752
19	JUNCTION	24.00	0.000	2.000
20	JUNCTION	24.00	0.000	2.000
21	JUNCTION	24.00	0.000	2.000
34001	JUNCTION	24.00	0.000	0.000
33001	JUNCTION	1.58	1.802	0.000
33002	JUNCTION	1.76	1.724	0.076
39	JUNCTION	24.00	0.000	2.000
32031	JUNCTION	1.41	0.426	1.274
41000	JUNCTION	13.98	1.870	0.000
50030	JUNCTION	0.17	0.038	1.512
11008	JUNCTION	24.00	0.000	2.000
11000	JUNCTION	3.81	1.250	0.000
19020	JUNCTION	0.84	0.376	1.476
16	JUNCTION	24.00	0.000	2.000
7258	JUNCTION	0.15	0.063	0.737
7181	JUNCTION	1.68	1.800	0.000
53400	JUNCTION	0.66	0.949	2.706
J12	JUNCTION	0.36	0.193	0.657
J13	JUNCTION	19.70	0.914	0.586
J50	JUNCTION	13.59	0.250	2.000
J137	JUNCTION	11.68	1.445	0.000
J153	JUNCTION	1.02	0.840	1.870
53200	STORAGE	23.25	0.387	0.073
SU4	STORAGE	12.58	0.265	0.170
SU5	STORAGE	16.58	0.699	1.321

Node Flooding Summary

Flooding refers to all water that overflows a node, whether it ponds or not.

Node	Hours Flooded	Maximum Rate LPS	Time of Max Occurrence days hr:min	Total Flood Volume 10^6 ltr	Maximum Ponded Depth Meters
------	------------------	------------------------	--	--------------------------------------	--------------------------------------

7166	0.85	5.85	0	07:18	0.006	2.01
7195	1.54	28.83	0	08:09	0.040	2.04
7336	1.11	9.21	0	08:10	0.011	1.46
7308	1.98	49.69	0	09:56	0.043	1.59
19100	0.01	8.50	0	07:40	0.000	1.50
20022	0.07	26.49	0	08:08	0.000	2.00
20040	0.01	13.35	0	08:04	0.000	2.00
11002	3.81	35.44	0	08:10	0.106	1.55
11030	1.52	6.03	0	08:10	0.008	1.41
7020	0.01	2.30	0	07:30	0.000	2.00
19122	0.01	8.32	0	07:20	0.000	1.55
19121	1.75	14.91	0	08:09	0.029	1.48
17071	1.18	11.56	0	08:10	0.013	2.01
17072	2.75	27.28	0	07:55	0.097	2.10
33000	0.01	11.58	0	07:44	0.000	2.00
41002	7.71	7.17	0	08:10	0.029	1.84
41001	14.01	26.11	0	08:09	0.185	1.97
19090	0.01	18.88	0	07:39	0.000	1.82
19093	1.61	36.32	0	08:10	0.056	1.85
19092	0.01	23.82	0	07:37	0.000	1.85
19091	0.01	39.10	0	07:39	0.000	1.78
17002	1.61	18.93	0	08:10	0.027	2.03
17006	0.01	5.02	0	09:07	0.000	2.00
17015	0.01	5.60	0	09:04	0.000	2.00
7332	0.64	7.60	0	08:10	0.007	1.46
20030	0.21	34.51	0	08:04	0.005	2.00
7323	2.71	47.90	0	08:10	0.140	1.69
7309	2.53	30.50	0	09:55	0.061	1.61
19104	0.01	7.74	0	07:37	0.000	0.96
19105	2.81	40.43	0	10:22	0.051	0.96
19106	3.55	21.56	0	07:42	0.083	0.80
19094	0.05	34.89	0	07:41	0.001	1.52
7197	0.01	6.72	0	07:26	0.000	2.00
7194	0.04	5.56	0	07:40	0.000	2.00
7196	0.01	14.26	0	09:13	0.000	2.00
11001	0.01	9.94	0	07:25	0.000	1.45
19095	1.06	3.39	0	08:09	0.003	1.40
33001	0.44	9.90	0	07:44	0.002	2.00
41000	2.87	13.74	0	07:15	0.020	2.02
11000	0.01	3.01	0	07:30	0.000	1.45
J137	2.86	8.07	0	08:11	0.020	1.82

Storage Volume Summary

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	E&I Pcnt Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
50150	2.209	44	0	3.505	70	0 09:02	456.18
53161	0.356	88	0	0.392	96	0 08:11	481.67
53160	0.696	84	0	0.742	89	0 08:12	340.61
53081	0.834	80	0	0.901	87	0 08:12	902.43
53080	0.593	75	0	0.753	95	0 08:14	524.55
53200	0.410	82	0	0.480	96	0 08:15	833.49
SU1	0.865	42	0	0.986	48	0 08:15	146.95
SU2	0.151	17	0	0.250	29	0 12:20	16.64
SU3	1.094	22	0	1.401	28	0 08:49	421.39
SU4	0.464	61	0	0.630	83	0 09:10	86.84
SU5	1.178	26	0	1.742	38	0 11:26	89.32

Outfall Loading Summary

Outfall Node	Flow Freq. Pcnt.	Avg. Flow LPS	Max. Flow LPS	Total Volume 10^6 ltr
4001	99.51	7.77	27.98	0.600
3002	99.47	5.07	17.58	0.390
2003	99.49	12.38	43.88	0.962
1002	99.49	15.80	55.87	1.226

5033	99.48	67.31	219.21	5.195
6003	99.47	10.39	35.84	0.802
8021	99.48	13.26	47.29	1.022
9011	99.47	8.88	31.71	0.685
10060	99.52	158.89	558.92	12.297
OF7	99.43	62.92	196.45	4.863
13026	99.49	32.42	96.63	2.514
14005	99.43	11.73	41.59	0.914
15010	99.40	8.24	28.79	0.635
18012	99.50	14.39	50.69	1.111
20050	99.53	148.13	491.75	11.426
21015	99.50	20.66	73.36	1.593
22010	99.51	8.41	30.16	0.649
23011	99.42	13.78	45.48	1.062
25010	99.51	9.87	32.98	0.762
26004	99.43	15.72	54.08	1.212
27011	99.48	16.02	56.03	1.235
29010	99.43	19.26	67.51	1.485
28002	99.42	5.91	20.91	0.455
30010	99.50	21.47	75.52	1.658
31002	99.36	1.46	5.06	0.112
34011	99.50	7.08	23.48	0.546
32088	99.47	35.58	119.90	2.743
33003	99.47	19.00	60.22	1.465
35007	99.43	21.08	73.24	1.629
36055	99.48	83.09	291.74	6.415
37010	99.37	13.62	45.39	1.049
38001	99.45	5.44	18.85	0.421
39065	99.47	157.90	527.34	12.188
39085	99.50	10.79	35.25	0.835
52000	99.51	37.31	73.11	2.910
7356	99.53	1241.32	4108.08	95.761
OF5	99.46	356.63	1129.70	27.478
24110	99.43	118.42	413.34	9.103
OF1	99.43	432.03	1312.82	33.356
51045	99.44	60.09	199.99	4.645
16045	99.50	304.08	926.83	23.453
53006	99.52	14.91	52.45	1.163
OF6	99.49	203.59	540.03	15.656
49003	99.46	30.43	107.30	2.378
OF2	99.15	438.20	1129.13	33.220
J27	99.26	250.66	500.37	19.781
J49	99.38	53.29	105.70	4.195
OF3	99.96	75.66	186.27	5.946
OF4	81.86	73.27	89.32	4.709
OF8	79.03	103.03	602.70	5.695

System	98.71	4856.61	14912.42	371.607

Link Flow Summary

Link	Type	Maximum Flow LPS	Time of Max Occurrence days hr:min	Maximum Veloc m/sec	Max/ Full Flow	Max/ Full Depth

P-10002	CONDUIT	56.74	0 08:10	1.62	0.50	0.50
P-10003	CONDUIT	68.09	0 08:10	1.25	0.49	0.50
P-10005	CONDUIT	10.52	0 08:10	0.78	0.91	0.71
P-10007	CONDUIT	7.40	0 08:10	0.49	0.13	0.35
P-10006	CONDUIT	17.90	0 08:10	0.87	0.42	0.44
P-10004	CONDUIT	85.93	0 08:11	2.37	0.52	0.51
P-10015	CONDUIT	12.03	0 08:10	1.12	0.30	0.38
P-10016	CONDUIT	12.03	0 08:10	1.10	0.11	0.27
P-10017	CONDUIT	16.09	0 08:10	1.17	0.23	0.32
P-10010	CONDUIT	121.42	0 08:10	2.58	0.39	0.44
P-10018	CONDUIT	131.76	0 08:10	1.98	0.42	0.58
P-10019	CONDUIT	195.65	0 08:10	2.33	0.85	0.71
P-10027	CONDUIT	31.19	0 08:10	0.69	0.15	0.39
P-10026	CONDUIT	31.19	0 08:10	1.37	0.81	0.68
P-10022	CONDUIT	32.39	0 08:10	1.42	0.45	0.47
P-10023	CONDUIT	35.33	0 08:10	1.21	0.46	0.58
P-10021	CONDUIT	62.14	0 08:10	1.76	0.80	0.68
P-10020	CONDUIT	17.14	0 08:10	1.25	0.30	0.49
P-10025	CONDUIT	226.79	0 08:10	3.39	0.53	0.53
P-10030	CONDUIT	236.13	0 08:10	3.44	0.55	0.54

P-10032	CONDUIT	90.22	0	08:10	1.80	0.79	0.67
P-10031	CONDUIT	329.97	0	08:10	3.03	0.35	0.50
P-10033	CONDUIT	342.84	0	08:10	1.99	0.82	0.74
P-10034	CONDUIT	435.22	0	08:10	2.14	0.83	0.68
P-10040	CONDUIT	464.52	0	08:10	3.15	0.77	0.52
P-10041	CONDUIT	473.83	0	08:10	4.98	0.50	0.58
C70	CONDUIT	32.43	0	08:10	1.35	0.20	0.37
P-10045	CONDUIT	498.50	0	08:10	5.04	0.66	0.60
P-10053	CONDUIT	538.94	0	08:10	5.44	0.67	0.60
P-10055	CONDUIT	8.75	0	08:10	0.50	0.39	0.54
P-10056	CONDUIT	35.55	0	08:10	1.64	0.76	0.65
P-10057	CONDUIT	40.54	0	08:10	0.73	0.06	0.38
P-10035	CONDUIT	24.94	0	08:10	0.96	0.58	0.77
P-10037	CONDUIT	25.66	0	08:10	0.87	0.95	0.89
P-10036	CONDUIT	50.56	0	08:10	1.95	1.30	0.78
P-10038	CONDUIT	50.55	0	08:10	2.88	0.59	0.55
P-10039	CONDUIT	50.53	0	08:10	2.77	0.55	0.68
P-10052	CONDUIT	20.25	0	08:10	0.79	0.35	0.40
P-10050	CONDUIT	2.70	0	08:10	0.45	0.01	0.14
P-10051	CONDUIT	14.76	0	08:10	0.86	0.09	0.31
P-10042	CONDUIT	6.06	0	08:10	1.02	0.13	0.24
C69	CONDUIT	478.24	0	08:10	4.57	0.76	0.63
P-12000	CONDUIT	18.21	0	08:09	0.82	0.56	1.00
P-12001	CONDUIT	32.02	0	08:09	1.02	0.98	1.00
P-12002	CONDUIT	54.32	0	08:09	1.73	1.65	1.00
P-12005	CONDUIT	22.29	0	08:09	0.71	0.68	1.00
P-13000	CONDUIT	31.15	0	08:40	1.01	0.95	1.00
P-13001	CONDUIT	40.96	0	08:10	1.35	1.61	0.93
P-13002	CONDUIT	40.94	0	08:10	1.60	0.69	0.52
P-13003	CONDUIT	40.94	0	08:10	2.06	0.37	0.42
P-13004	CONDUIT	46.08	0	08:10	2.73	0.27	0.38
P-13010	CONDUIT	60.28	0	08:10	2.78	0.35	0.45
P-13011	CONDUIT	14.24	0	08:10	1.01	0.43	0.46
P-13015	CONDUIT	84.38	0	08:10	3.17	0.50	0.53
P-13025	CONDUIT	96.63	0	08:10	3.36	0.62	0.57
P-13005	CONDUIT	5.18	0	08:10	0.37	0.04	0.30
P-14000	CONDUIT	12.40	0	08:10	0.59	0.31	0.69
P-14001	CONDUIT	32.07	0	08:09	1.29	1.04	0.78
P-14002	CONDUIT	33.02	0	08:10	2.28	0.55	0.47
P-14003	CONDUIT	41.59	0	08:10	1.85	0.30	0.69
P-14004	CONDUIT	41.59	0	08:10	1.36	1.21	0.93
P-15005	CONDUIT	20.42	0	08:10	0.85	0.49	0.49
P-15000	CONDUIT	8.43	0	08:10	0.52	0.36	0.51
P-15001	CONDUIT	28.79	0	08:10	1.20	0.48	0.49
P-18000	CONDUIT	9.95	0	08:10	1.26	0.43	0.46
P-18005	CONDUIT	18.34	0	08:10	1.22	0.57	0.48
P-18001	CONDUIT	28.26	0	08:10	2.22	0.35	0.43
P-18010	CONDUIT	32.03	0	08:10	1.95	0.40	0.52
P-18011	CONDUIT	49.05	0	08:10	2.51	0.66	0.60
P-20000	CONDUIT	9.36	0	08:10	1.03	0.61	0.51
P-20001	CONDUIT	17.77	0	08:10	1.35	0.24	0.44
P-20002	CONDUIT	30.07	0	08:10	1.23	0.57	0.73
C68	CONDUIT	29.91	0	08:10	1.94	0.31	0.49
P-20006	CONDUIT	15.81	0	08:10	0.75	0.28	0.64
P-20003	CONDUIT	75.82	0	08:10	2.40	0.39	0.46
P-20011	CONDUIT	20.47	0	08:10	1.48	0.24	0.32
P-20012	CONDUIT	20.43	0	08:10	1.18	0.21	0.38
P-20013	CONDUIT	22.08	0	08:10	0.78	0.43	0.56
P-20010	CONDUIT	104.12	0	08:10	2.23	0.40	0.44
P-20015	CONDUIT	12.77	0	08:10	0.90	0.50	0.75
C63	CONDUIT	116.80	0	08:10	1.69	0.37	0.45
C64	CONDUIT	49.77	0	08:10	1.54	1.02	0.62
C65	CONDUIT	29.83	0	08:11	1.18	0.25	0.39
P-20021	CONDUIT	156.04	0	08:10	3.28	0.32	0.45
P-20020	CONDUIT	184.11	0	08:10	2.63	0.56	0.77
P-20022	CONDUIT	246.24	0	08:18	2.71	1.02	1.00
P-20030	CONDUIT	298.16	0	07:54	3.28	1.08	1.00
P-20035	CONDUIT	29.51	0	08:10	1.57	0.18	0.64
P-20040	CONDUIT	65.28	0	08:22	1.17	0.44	1.00
P-10001	CONDUIT	41.24	0	08:10	1.67	0.87	0.73
P-10000	CONDUIT	35.02	0	08:10	1.62	0.64	0.65
P-9005	CONDUIT	12.76	0	08:10	0.82	0.32	0.50
P-9010	CONDUIT	31.71	0	08:10	2.25	0.43	0.46
P-9001	CONDUIT	21.22	0	08:10	1.24	0.65	0.53
P-9000	CONDUIT	8.51	0	08:10	0.68	0.12	0.42
P-8016	CONDUIT	12.18	0	08:10	0.95	0.30	0.43
P-8015	CONDUIT	12.19	0	08:10	1.37	0.17	0.33
P-8020	CONDUIT	47.29	0	08:10	2.35	0.69	0.61
P-8011	CONDUIT	31.82	0	08:10	1.82	0.46	0.54

P-8010	CONDUIT	19.65	0	08:10	1.29	0.49	0.49
P-8002	CONDUIT	16.30	0	08:10	1.35	0.22	0.41
P-8000	CONDUIT	4.26	0	08:10	1.32	0.12	0.24
P-8001	CONDUIT	4.25	0	08:10	0.59	0.13	0.28
P-8006	CONDUIT	12.05	0	08:10	1.11	0.37	0.38
P-8005	CONDUIT	5.61	0	08:10	0.56	0.17	0.36
P-6002	CONDUIT	35.84	0	08:10	3.13	0.10	0.22
P-6001	CONDUIT	22.55	0	08:10	1.82	0.36	0.42
P-6000	CONDUIT	22.60	0	08:10	2.07	0.30	0.38
P-7006	CONDUIT	53.45	0	08:10	1.90	0.90	0.84
P-7003	CONDUIT	30.20	0	08:10	1.46	0.51	0.63
P-7005	CONDUIT	10.72	0	08:10	1.10	0.34	0.54
P-5011	CONDUIT	17.65	0	08:10	1.70	0.28	0.37
P-5010	CONDUIT	10.46	0	08:10	1.59	0.34	0.40
P-5012	CONDUIT	22.21	0	08:10	2.12	0.29	0.37
P-5030	CONDUIT	8.92	0	08:10	1.05	0.27	0.49
P-5016	CONDUIT	17.81	0	08:10	1.76	0.27	0.36
P-5015	CONDUIT	11.40	0	08:10	1.77	0.33	0.39
P-5021	CONDUIT	18.51	0	08:10	1.75	0.29	0.41
P-5020	CONDUIT	9.43	0	08:10	1.67	0.27	0.36
P-5013	CONDUIT	40.02	0	08:10	1.08	0.41	0.56
P-5031	CONDUIT	16.27	0	08:10	1.06	0.70	0.81
P-5017	CONDUIT	58.85	0	08:12	1.35	0.61	0.82
P-5026	CONDUIT	15.21	0	08:10	1.44	0.25	0.67
P-5025	CONDUIT	8.81	0	08:10	1.16	0.12	0.29
P-5022	CONDUIT	76.90	0	08:11	1.09	0.50	1.00
P-5032	CONDUIT	219.21	0	08:10	3.59	0.35	0.41
P-5027	CONDUIT	211.13	0	08:11	3.25	1.07	0.94
P-5006	CONDUIT	193.46	0	08:10	2.74	2.00	1.00
P-5005	CONDUIT	116.90	0	08:10	2.01	0.56	0.77
P-5003	CONDUIT	102.38	0	08:10	2.42	0.98	0.80
P-5002	CONDUIT	40.90	0	08:10	1.81	0.71	0.69
P-5001	CONDUIT	10.67	0	08:10	0.76	0.19	0.46
P-5000	CONDUIT	10.13	0	08:10	1.42	0.15	0.28
P-4000	CONDUIT	18.73	0	08:09	1.10	1.23	0.92
P-3000	CONDUIT	4.25	0	08:10	0.97	0.11	0.30
P-3001	CONDUIT	17.58	0	08:10	2.97	0.29	0.37
P-2000	CONDUIT	23.14	0	08:10	0.95	1.00	0.73
P-2001	CONDUIT	33.52	0	08:10	2.33	0.24	0.33
P-1000	CONDUIT	44.97	0	08:10	2.45	0.34	0.40
P-2002	CONDUIT	43.88	0	08:10	3.91	0.10	0.22
P-1001	CONDUIT	55.87	0	08:10	4.36	0.12	0.24
P-54017	CHANNEL	164.95	0	08:41	0.76	0.03	0.21
P-54016	CONDUIT	150.60	0	08:41	1.77	0.27	0.34
P-54015	CHANNEL	59.81	0	08:12	0.40	0.01	0.16
P-52001	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
P-48002	CHANNEL	239.42	0	08:10	1.20	0.03	0.40
P-49002	CONDUIT	107.30	0	08:10	2.35	0.70	0.62
C209	CONDUIT	76.02	0	08:10	1.78	1.15	0.82
P-49000	CONDUIT	35.90	0	08:09	1.14	1.19	1.00
C200	CONDUIT	53.52	0	09:15	1.30	0.52	1.00
P-48000	CONDUIT	93.34	0	08:10	1.03	0.60	0.55
P-48005	CONDUIT	128.87	0	08:11	1.30	0.05	0.18
P-47015	CONDUIT	17.81	0	08:10	1.04	0.46	0.66
P-47011	CONDUIT	85.23	0	08:10	0.77	0.83	1.00
P-47016	CONDUIT	22.76	0	08:11	0.94	0.59	0.92
P-47020	CONDUIT	5.14	0	08:10	0.43	0.13	0.54
P-47010	CONDUIT	45.15	0	08:10	0.99	0.39	0.72
P-47004	CONDUIT	35.82	0	08:10	1.44	0.51	0.51
P-47006	CONDUIT	35.84	0	08:10	1.52	0.84	0.70
P-47005	CONDUIT	23.58	0	08:10	1.13	0.61	0.63
P-47001	CONDUIT	14.66	0	08:10	0.94	0.17	0.50
P-47000	CONDUIT	9.05	0	08:10	0.95	0.31	0.34
P-46002	CONDUIT	49.91	0	08:10	1.33	0.38	0.71
P-46001	CONDUIT	39.57	0	08:10	1.62	0.58	0.50
P-46000	CONDUIT	20.59	0	08:10	1.77	0.27	0.41
P-45002	CONDUIT	23.50	0	08:10	0.91	0.12	0.62
P-45005	CONDUIT	6.68	0	08:10	0.66	0.06	0.20
P-45001	CONDUIT	12.82	0	08:10	0.92	0.42	0.46
P-45000	CONDUIT	12.86	0	08:10	0.92	0.43	0.46
P-44000	CONDUIT	12.18	0	08:10	0.96	0.16	0.63
P-43001	CONDUIT	66.11	0	08:10	1.26	0.33	0.70
P-43005	CONDUIT	26.09	0	08:10	1.94	0.41	0.44
P-43010	CONDUIT	31.29	0	08:10	2.48	0.37	0.42
P-43000	CONDUIT	8.79	0	08:10	1.00	0.11	0.25
P-42002	CONDUIT	37.39	0	08:10	1.45	0.21	0.65
P-42001	CONDUIT	37.40	0	08:10	1.43	0.90	0.53
P-42000	CONDUIT	24.06	0	08:10	0.98	0.92	0.73
P-41002	CONDUIT	22.87	0	07:15	1.29	1.88	1.00

P-41001	CONDUIT	18.24	0	17:05	1.03	1.17	1.00
P-41000	CONDUIT	16.67	0	07:15	0.94	1.09	1.00
P-40010	CONDUIT	115.41	0	08:10	2.68	0.74	0.82
P-40017	CONDUIT	54.40	0	08:10	1.85	0.53	0.58
P-40016	CONDUIT	32.85	0	08:10	2.15	0.48	0.49
P-40015	CONDUIT	23.59	0	08:10	1.81	0.30	0.43
P-40003	CONDUIT	47.33	0	08:10	1.38	0.80	0.66
P-40005	CONDUIT	9.42	0	08:10	0.61	0.41	0.52
P-40002	CONDUIT	38.06	0	08:10	1.45	0.30	0.53
P-40001	CONDUIT	24.63	0	08:10	2.13	0.33	0.40
P-40000	CONDUIT	5.57	0	08:10	0.62	0.15	0.33
P-39061	CONDUIT	35.94	0	08:10	1.02	0.85	0.67
P-39060	CONDUIT	28.10	0	08:10	1.10	0.24	0.53
P-39045	CONDUIT	48.78	0	08:10	1.13	0.33	0.38
P-39036	CONDUIT	28.86	0	08:10	0.81	0.14	0.33
P-39035	CONDUIT	13.93	0	08:10	0.81	0.60	0.54
P-39040	CONDUIT	14.96	0	08:10	1.02	0.46	0.47
P-39050	CONDUIT	235.08	0	08:10	2.57	0.60	0.56
P-39009	CONDUIT	211.57	0	08:10	3.44	0.50	0.54
P-39025	CONDUIT	14.12	0	08:10	0.88	0.35	0.51
P-39030	CONDUIT	134.47	0	08:10	3.40	0.45	0.55
P-39021	CONDUIT	52.96	0	08:10	2.65	0.68	0.61
P-39020	CONDUIT	27.66	0	08:10	1.51	0.54	0.57
P-39011	CONDUIT	19.59	0	08:10	1.25	0.46	0.50
P-39015	CONDUIT	7.70	0	08:10	0.63	0.26	0.41
P-39010	CONDUIT	11.93	0	08:10	1.01	0.23	0.40
P-39008	CONDUIT	71.54	0	08:10	1.55	0.70	0.62
P-39007	CONDUIT	64.36	0	08:10	2.53	0.48	0.51
P-39006	CONDUIT	37.94	0	08:10	2.18	0.17	0.38
P-39005	CONDUIT	25.73	0	08:10	2.26	0.18	0.28
P-39076	CONDUIT	24.02	0	08:10	1.05	0.45	0.47
P-39080	CONDUIT	6.74	0	08:10	0.76	0.22	0.33
P-39075	CONDUIT	17.35	0	08:10	0.94	0.58	0.57
P-39055	CONDUIT	527.34	0	08:11	2.18	0.57	0.54
P-39004	CONDUIT	476.70	0	08:11	2.13	0.51	0.51
P-39003	CONDUIT	232.51	0	08:10	2.14	0.79	0.81
P-39002	CONDUIT	205.22	0	08:10	2.26	0.34	0.47
P-39001	CONDUIT	176.82	0	08:10	2.71	0.23	0.37
P-39000	CONDUIT	140.96	0	08:10	3.55	0.27	0.35
P-38000	CONDUIT	18.85	0	08:10	0.87	0.81	0.65
P-37003	CONDUIT	45.39	0	08:10	1.48	1.31	0.95
P-37005	CONDUIT	16.18	0	08:10	0.58	0.70	1.00
P-37002	CONDUIT	29.20	0	08:10	0.93	1.26	1.00
P-37001	CONDUIT	15.25	0	08:10	0.71	0.21	0.65
P-37000	CONDUIT	11.51	0	08:10	0.92	0.50	0.42
P-36050	CONDUIT	38.37	0	08:10	2.52	0.32	0.54
P-36046	CONDUIT	81.29	0	08:10	1.43	0.71	0.75
P-36045	CONDUIT	43.06	0	08:10	2.98	0.36	0.55
P-36035	CONDUIT	29.22	0	08:10	1.96	0.36	0.49
P-36025	CONDUIT	30.39	0	08:10	2.74	0.25	0.41
P-36017	CONDUIT	29.70	0	08:10	2.47	0.35	0.41
P-36016	CONDUIT	20.78	0	08:10	1.73	0.34	0.41
P-36015	CONDUIT	11.84	0	08:10	0.66	0.15	0.39
P-36005	CONDUIT	23.07	0	08:10	1.36	0.54	0.53
P-36060	CONDUIT	14.10	0	08:10	0.94	0.47	0.48
P-36040	CONDUIT	291.74	0	08:10	3.03	0.64	0.58
P-36031	CONDUIT	179.14	0	08:10	2.77	0.39	0.57
P-36030	CONDUIT	146.92	0	08:10	3.54	0.29	0.40
P-36020	CONDUIT	139.78	0	08:10	4.84	0.64	0.57
P-36010	CONDUIT	96.30	0	08:10	3.51	0.51	0.55
P-36002	CONDUIT	53.64	0	08:10	1.87	0.69	0.57
P-36001	CONDUIT	30.73	0	08:10	1.22	0.32	0.51
P-36000	CONDUIT	7.78	0	08:10	1.05	0.39	0.44
P-35005	CONDUIT	69.57	0	08:10	1.36	0.27	0.36
P-35006	CONDUIT	73.24	0	08:10	1.41	0.28	0.36
P-35004	CONDUIT	63.48	0	08:10	2.72	0.47	0.48
P-35003	CONDUIT	49.95	0	08:10	2.23	0.42	0.47
P-35002	CONDUIT	39.85	0	08:10	2.00	0.34	0.43
P-35001	CONDUIT	26.59	0	08:10	1.64	0.24	0.37
P-35000	CONDUIT	14.55	0	08:10	0.87	0.35	0.37
P-33002	CONDUIT	60.22	0	08:09	1.93	1.54	0.98
P-33001	CONDUIT	38.21	0	08:20	1.22	1.19	1.00
P-33000	CONDUIT	30.03	0	07:40	0.99	1.02	1.00
P-32070	CONDUIT	24.13	0	08:10	0.89	1.01	0.81
P-32020	CONDUIT	5.23	0	08:10	0.51	0.12	0.28
P-32006	CONDUIT	15.35	0	08:10	0.88	0.17	0.64
P-32005	CONDUIT	9.55	0	08:10	1.50	0.12	0.26
P-32087	CONDUIT	119.90	0	08:10	3.53	0.15	0.27
P-32086	CONDUIT	108.89	0	08:10	1.79	0.54	0.41

P-32082	CONDUIT	19.53	0	08:10	1.75	0.24	0.55
P-32081	CONDUIT	19.54	0	08:10	1.93	0.30	0.36
P-32080	CONDUIT	11.26	0	08:10	1.24	0.17	0.33
P-32085	CONDUIT	105.29	0	08:10	1.51	0.27	0.45
P-32050	CONDUIT	108.54	0	08:10	2.09	1.11	0.69
P-32075	CONDUIT	74.52	0	08:10	1.59	0.35	0.63
P-32065	CONDUIT	64.71	0	08:10	2.53	0.92	0.76
P-32056	CONDUIT	22.34	0	08:10	1.20	0.32	0.57
P-32061	CONDUIT	13.63	0	08:10	0.99	0.89	0.73
P-32060	CONDUIT	13.65	0	08:10	0.98	0.90	0.74
P-32055	CONDUIT	8.75	0	08:10	0.76	0.33	0.39
P-32032	CONDUIT	174.88	0	08:11	1.57	0.12	0.23
P-34010	CONDUIT	8.97	0	08:10	0.57	0.10	0.20
C32	CONDUIT	137.98	0	08:10	4.19	0.25	0.34
P-34005	CONDUIT	8.01	0	08:10	0.61	0.46	0.43
P-34001	CONDUIT	13.80	0	08:10	0.75	0.37	0.40
C33	CONDUIT	0.00	0	00:00	0.00	0.00	0.03
P-32040	CONDUIT	17.12	0	08:10	1.37	0.20	0.30
C34	CONDUIT	9.38	0	08:10	0.17	0.01	0.15
P-32045	CONDUIT	17.12	0	08:10	1.79	0.25	0.34
P-32031	CONDUIT	120.87	0	08:10	1.75	1.77	0.94
P-32030	CONDUIT	111.64	0	08:10	2.04	0.41	0.72
P-32015	CONDUIT	104.69	0	08:10	3.50	0.39	0.44
P-32007	CONDUIT	26.78	0	08:08	0.94	1.15	0.86
P-32025	CONDUIT	3.93	0	08:10	0.57	0.17	0.27
P-32010	CONDUIT	7.25	0	08:10	0.68	0.31	0.37
P-32002	CONDUIT	95.88	0	08:09	2.83	0.55	0.48
P-32001	CONDUIT	62.08	0	08:10	2.51	0.89	0.74
P-32000	CONDUIT	41.06	0	08:10	1.52	1.02	0.81
P-31001	CONDUIT	5.06	0	08:10	0.76	0.15	0.27
P-31000	CONDUIT	5.07	0	08:10	1.03	0.18	0.32
C31	CONDUIT	190.82	0	08:11	1.72	0.11	0.23
P-30003	CONDUIT	70.40	0	08:10	1.85	0.30	0.38
P-30002	CONDUIT	70.43	0	08:10	2.07	0.22	0.35
P-30001	CONDUIT	36.06	0	08:10	1.59	0.09	0.26
P-30000	CONDUIT	19.09	0	08:10	1.74	0.10	0.21
P-29005	CONDUIT	29.17	0	08:10	1.39	0.73	0.63
P-29002	CONDUIT	67.51	0	08:10	1.91	0.80	0.68
P-29001	CONDUIT	38.39	0	08:10	1.27	1.17	0.92
P-29000	CONDUIT	28.48	0	08:10	1.07	0.71	0.81
P-28001	CONDUIT	20.91	0	08:10	1.11	0.64	0.58
P-28000	CONDUIT	20.96	0	08:10	1.33	0.37	0.50
P-27001	CONDUIT	224.90	0	08:11	2.22	0.11	0.22
P-27000	CONDUIT	20.88	0	08:10	1.69	0.36	0.42
P-27010	CONDUIT	56.03	0	08:10	2.49	0.44	0.47
P-27002	CONDUIT	41.31	0	08:10	2.04	0.33	0.43
P-27006	CONDUIT	41.27	0	08:10	1.97	0.73	0.63
P-27005	CONDUIT	13.32	0	08:10	0.89	0.23	0.48
P-26003	CONDUIT	54.08	0	08:10	1.74	1.17	0.97
P-26002	CONDUIT	45.29	0	08:10	1.53	0.98	0.92
P-26001	CONDUIT	24.63	0	08:10	1.07	0.61	0.70
P-26000	CONDUIT	15.39	0	08:10	1.03	0.33	0.48
P-25001	CONDUIT	22.47	0	08:10	3.29	0.03	0.11
P-25000	CONDUIT	22.47	0	08:10	0.91	0.17	0.28
P-25005	CONDUIT	15.64	0	08:10	0.87	0.11	0.22
P-23010	CONDUIT	45.48	0	08:10	1.09	0.66	0.57
P-23002	CONDUIT	31.83	0	08:11	0.83	0.47	0.53
P-23005	CONDUIT	9.83	0	08:10	0.65	0.23	0.35
P-23001	CONDUIT	22.15	0	08:10	1.11	0.68	0.61
P-23000	CONDUIT	18.50	0	08:10	0.99	0.57	0.57
P-22003	CONDUIT	21.60	0	08:10	2.03	0.29	0.37
P-22005	CONDUIT	9.95	0	08:10	0.92	0.30	0.38
P-22002	CONDUIT	11.67	0	08:10	1.34	0.16	0.32
P-22001	CONDUIT	9.31	0	08:10	1.47	0.13	0.26
P-22000	CONDUIT	6.32	0	08:10	1.24	0.09	0.22
P-21002	CONDUIT	68.65	0	08:10	2.74	0.51	0.51
P-21005	CONDUIT	0.00	0	00:00	0.00	0.00	0.32
P-21011	CONDUIT	37.28	0	08:10	1.78	0.72	0.63
P-21010	CONDUIT	23.35	0	08:10	0.90	0.25	0.52
P-21001	CONDUIT	22.76	0	08:10	1.29	0.44	0.55
P-21000	CONDUIT	7.42	0	08:10	0.73	0.14	0.36
P-7045	CONDUIT	1.82	0	08:10	0.26	0.01	0.09
P-7044	CONDUIT	622.69	0	08:10	1.96	0.47	0.68
P-7043	CONDUIT	603.56	0	08:10	2.80	0.49	0.49
P-7038	CONDUIT	557.48	0	08:10	2.68	0.43	0.48
P-7041	CONDUIT	57.51	0	08:10	1.26	0.70	0.62
P-7040	CONDUIT	36.74	0	08:10	0.93	0.46	0.55
C75	CONDUIT	166.62	0	08:10	3.26	0.16	0.29
P-7030	CONDUIT	476.09	0	08:10	2.13	0.52	0.50

P-7035	CONDUIT	72.05	0	08:10	1.39	0.82	0.69
P-7036	CONDUIT	95.56	0	08:10	1.30	0.79	0.63
P-7029	CONDUIT	192.32	0	08:12	0.77	0.31	0.42
P-7028	CONDUIT	191.12	0	08:11	0.71	0.52	0.44
P-7027	CONDUIT	167.11	0	08:11	0.59	0.27	0.45
P-7026	CONDUIT	167.11	0	08:10	0.69	0.27	0.41
P-7025	CONDUIT	136.34	0	08:10	0.71	0.22	0.34
P-7325	CONDUIT	190.02	0	08:10	3.13	0.48	0.49
P-7328	CONDUIT	198.13	0	08:10	2.03	0.20	0.42
P-7329	CONDUIT	420.77	0	08:10	2.51	0.56	0.63
P-7276	CONDUIT	3224.59	0	08:11	6.60	0.43	0.45
P-7351	CONDUIT	734.87	0	08:11	3.34	0.38	0.50
P-7350	CONDUIT	736.73	0	08:10	2.77	0.93	0.58
P-7270	CONDUIT	671.53	0	08:11	1.92	0.95	0.74
P-7285	CONDUIT	3239.85	0	08:11	3.68	0.44	0.73
P-7287	CONDUIT	39.84	0	08:08	1.01	0.32	0.41
P-7286	CONDUIT	10.44	0	08:10	0.40	0.08	0.30
P-7011	CONDUIT	17.56	0	08:10	1.27	0.44	0.73
P-7010	CONDUIT	4.72	0	08:10	0.59	0.44	0.46
P-7012	CONDUIT	10.12	0	08:10	1.52	0.25	0.40
P-7015	CONDUIT	1.71	0	08:10	0.57	0.11	0.23
P-7016	CONDUIT	4.79	0	08:10	0.35	0.06	0.55
P-7288A	CHANNEL	3966.47	0	08:11	1.36	0.12	0.67
P-7355	CHANNEL	4067.56	0	08:12	4.03	0.14	0.42
P-7020	CONDUIT	33.14	0	07:31	1.05	1.01	1.00
P-7018	CONDUIT	4056.59	0	08:12	3.03	0.41	0.57
P-7017	CONDUIT	58.16	0	08:10	1.24	0.71	0.75
P-7001	CONDUIT	13.08	0	08:10	1.27	0.42	0.56
P-7022	CONDUIT	0.00	0	00:00	0.00	0.00	0.23
P-7000	CONDUIT	8.48	0	08:10	1.09	0.43	0.45
P-7046	CONDUIT	18.45	0	08:10	0.64	0.04	0.47
P-7045A	CONDUIT	636.00	0	08:12	4.30	1.08	0.96
P-7117	CONDUIT	13.50	0	08:10	0.86	0.30	0.50
P-7116	CONDUIT	32.19	0	08:10	1.57	0.71	0.62
P-7115	CONDUIT	15.02	0	08:10	0.96	0.30	0.50
P-7112	CONDUIT	83.02	0	08:10	2.01	0.61	0.57
P-7111	CONDUIT	40.29	0	08:10	1.50	0.56	0.54
P-7110	CONDUIT	22.74	0	08:10	1.70	0.40	0.44
P-7101	CONDUIT	47.43	0	08:10	2.51	0.35	0.41
P-7100	CONDUIT	36.72	0	08:10	1.75	0.44	0.44
C14	CONDUIT	208.12	0	08:11	0.83	0.15	0.42
P-7120	CONDUIT	1587.85	0	08:12	4.58	0.26	0.35
P-7105	CONDUIT	586.44	0	08:11	1.97	0.35	0.47
P-7069	CONDUIT	774.35	0	08:11	2.80	0.41	0.45
P-7103	CONDUIT	632.24	0	08:11	2.98	0.68	0.57
P-7102	CONDUIT	620.73	0	08:11	2.58	0.78	0.64
P-7097	CONDUIT	595.04	0	08:11	2.37	0.77	0.66
P-7096	CONDUIT	4.95	0	08:10	1.01	0.22	0.32
P-7095	CONDUIT	547.58	0	08:10	2.81	0.36	0.53
P-7087	CONDUIT	540.56	0	08:10	3.29	0.54	0.47
P-7092	CONDUIT	51.64	0	08:10	1.91	0.19	0.29
P-7091	CONDUIT	43.27	0	08:10	2.42	0.32	0.39
P-7090	CONDUIT	26.93	0	08:10	2.48	0.30	0.38
P-7080	CONDUIT	9.35	0	08:10	1.54	0.13	0.29
P-7086	CONDUIT	415.01	0	08:10	2.40	0.42	0.49
P-7085	CONDUIT	406.48	0	08:10	2.49	0.47	0.47
P-7078	CONDUIT	387.49	0	08:10	3.86	0.27	0.39
P-7081	CONDUIT	81.01	0	08:10	2.01	0.59	0.55
P-7082	CONDUIT	58.94	0	08:10	1.87	0.28	0.46
P-7077	CONDUIT	275.88	0	08:10	2.80	0.34	0.38
P-7076	CONDUIT	241.84	0	08:10	1.93	0.51	0.46
P-7073	CONDUIT	216.87	0	08:10	2.21	0.44	0.46
P-7075	CONDUIT	98.26	0	08:10	1.82	0.26	0.38
P-7074	CONDUIT	77.09	0	08:10	1.80	0.65	0.58
P-7072	CONDUIT	41.79	0	08:10	1.22	0.13	0.30
P-7071	CONDUIT	39.50	0	08:10	1.52	0.33	0.40
P-7070	CONDUIT	23.78	0	08:11	1.12	0.18	0.34
P-7068	CONDUIT	153.37	0	08:10	1.50	0.17	0.39
P-7066	CONDUIT	135.40	0	08:10	2.26	0.13	0.27
P-7067	CONDUIT	17.49	0	08:10	1.66	0.29	0.37
P-7063	CONDUIT	108.80	0	08:10	1.85	0.16	0.26
P-7065	CONDUIT	23.98	0	08:10	1.74	0.23	0.32
P-7062	CONDUIT	81.60	0	08:10	1.45	0.12	0.25
P-7061	CONDUIT	78.79	0	08:10	1.48	0.14	0.24
P-7057	CONDUIT	77.38	0	08:10	1.38	0.14	0.25
P-7060	CONDUIT	2.79	0	08:10	0.74	0.16	0.27
P-7107A	CONDUIT	1569.09	0	08:11	4.08	0.33	0.37
P-7056	CONDUIT	73.12	0	08:10	1.38	0.12	0.24
P-7054	CONDUIT	64.11	0	08:10	1.29	0.12	0.23

P-7172_2	CONDUIT	781.78	0	08:10	3.06	0.37	0.42
P-7055	CONDUIT	16.27	0	08:10	1.09	0.47	0.48
P-7053	CONDUIT	47.87	0	08:10	1.13	0.21	0.31
P-7151	CONDUIT	8.41	0	08:10	0.76	0.23	0.38
P-7150	CONDUIT	4.67	0	08:10	0.70	0.29	0.40
P-7051	CONDUIT	46.28	0	08:10	1.10	0.20	0.31
P-7052	CONDUIT	4.13	0	08:10	0.81	0.11	0.22
P-7050	CONDUIT	30.15	0	08:10	0.85	0.13	0.27
P-7047	CONDUIT	806.50	0	08:11	4.69	0.50	0.59
P-17050	CONDUIT	118.33	0	08:04	2.40	0.34	0.46
P-17133	CONDUIT	6.99	0	08:10	0.35	0.11	0.61
P-24046	CONDUIT	26.27	0	08:10	1.63	0.44	0.51
P-50106	CONDUIT	21.20	0	08:10	2.70	0.19	0.30
C83	CONDUIT	41.44	0	08:10	1.85	0.49	0.47
P-54018	CONDUIT	375.65	0	08:40	1.94	0.12	0.30
P-54060	CONDUIT	427.12	0	08:10	4.22	0.87	0.51
P-54070	CONDUIT	80.69	0	08:11	1.72	0.16	0.29
P-54075	CHANNEL	79.87	0	08:10	0.88	0.01	0.11
P-17040	CONDUIT	210.65	0	08:04	3.93	0.58	0.49
P-17039	CONDUIT	183.92	0	08:04	2.86	0.59	0.56
P-17038	CONDUIT	170.63	0	08:04	2.79	0.55	0.54
P-17036	CONDUIT	170.63	0	08:03	2.88	0.55	0.53
P-17035	CONDUIT	154.28	0	08:03	2.70	0.50	0.51
P-17026	CONDUIT	154.28	0	08:03	2.94	0.94	0.70
P-17025	CONDUIT	117.12	0	08:02	2.50	0.52	0.64
P-17020	CONDUIT	106.81	0	08:01	2.70	1.01	0.80
P-17022	CONDUIT	41.36	0	08:10	1.56	0.63	0.79
P-17132	CONDUIT	38.56	0	08:10	1.28	1.71	0.92
P-17131	CONDUIT	22.97	0	08:11	0.73	0.71	1.00
P-17130	CONDUIT	15.31	0	08:11	0.83	0.47	0.76
P-17127	CONDUIT	388.20	0	08:10	4.20	0.08	0.20
P-17136	CONDUIT	7.13	0	08:10	1.04	0.35	0.41
P-17137	CONDUIT	21.07	0	08:10	1.11	0.64	0.58
C60	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C59	CONDUIT	22.70	0	08:10	0.95	0.84	0.71
C58	CONDUIT	281.38	0	08:10	3.91	0.60	0.63
P-24040	CONDUIT	0.00	0	00:00	0.00	0.00	0.16
P-24030	CONDUIT	130.83	0	08:10	1.34	0.70	0.59
P-24035	CONDUIT	13.90	0	08:10	1.54	0.23	0.33
P-24020	CONDUIT	103.59	0	08:10	1.55	0.64	0.58
P-24026	CONDUIT	24.54	0	08:10	1.87	0.33	0.50
P-7163	CONDUIT	354.04	0	08:10	1.49	1.03	0.79
P-7163A	CONDUIT	109.69	0	08:10	2.66	0.26	0.31
P-24010	CONDUIT	70.62	0	08:10	1.50	0.56	0.63
P-24015	CONDUIT	20.10	0	08:10	1.94	0.28	0.36
P-24002	CONDUIT	38.47	0	08:10	2.08	0.28	0.40
P-50110	CONDUIT	11.01	0	08:10	1.06	0.28	0.36
P-50107	CONDUIT	43.12	0	08:10	3.21	0.22	0.32
P-50115	CONDUIT	9.08	0	08:10	1.49	0.14	0.25
P-50100	CONDUIT	189.54	0	08:10	3.67	0.46	0.47
P-50120	CONDUIT	200.44	0	08:10	2.67	0.38	0.71
P-50066	CONDUIT	607.86	0	08:10	2.15	0.99	1.00
P-16030	CONDUIT	48.64	0	08:10	1.56	0.32	0.45
C219	CONDUIT	6.09	0	08:10	0.51	0.11	0.41
C11	CONDUIT	567.83	0	08:10	4.65	0.20	0.33
P-7121A_1	CONDUIT	2452.45	0	08:11	3.88	0.32	0.39
P-53132	CONDUIT	48.85	0	08:10	1.08	0.35	0.61
P-7180	CONDUIT	2500.00	0	08:11	5.41	0.36	0.43
C82	CONDUIT	41.41	0	08:10	1.67	0.27	0.38
P-53130	CONDUIT	22.77	0	08:10	1.11	0.28	0.43
P-53125_1	CONDUIT	181.13	0	08:10	2.53	0.54	0.46
P-53120	CONDUIT	15.41	0	08:10	0.63	0.32	0.50
P-53115	CONDUIT	73.00	0	08:10	1.69	0.19	0.32
P-53097	CONDUIT	48.29	0	08:10	1.22	0.53	0.55
P-54002	CONDUIT	32.30	0	08:11	0.79	0.05	0.20
P-54005	CONDUIT	10.89	0	08:10	0.48	0.48	0.47
P-54001	CONDUIT	21.48	0	08:11	1.00	0.07	0.19
P-54000	CHANNEL	18.36	0	08:10	0.36	0.00	0.07
P-24025	CHANNEL	0.00	0	00:00	0.00	0.00	0.33
C6	CONDUIT	3239.89	0	08:11	3.18	1.70	0.84
P-53041	CONDUIT	216.95	0	08:10	1.62	0.21	1.00
P-53066	CONDUIT	181.43	0	08:11	2.83	0.61	0.56
P-53061	CONDUIT	488.20	0	08:11	2.26	0.93	0.72
P-53070	CONDUIT	492.62	0	08:11	2.48	0.78	0.66
P-53071	CONDUIT	519.61	0	08:11	2.63	0.77	0.66
P-53075	CONDUIT	25.57	0	08:10	2.01	0.38	0.43
P-53080	CONDUIT	524.46	0	08:14	0.31	0.20	0.87
P-53200	CONDUIT	533.81	0	08:16	2.04	0.42	0.95
P-53151	CONDUIT	346.01	0	08:10	1.54	0.47	0.74

P-53081	CONDUIT	299.72	0	08:12	0.51	0.09	0.33
P-53160	CONDUIT	335.13	0	08:12	0.41	0.13	0.42
P-53168	CONDUIT	129.87	0	08:10	0.85	0.42	0.67
P-53161	CONDUIT	481.67	0	08:11	3.79	0.13	0.46
P-53175	CONDUIT	500.48	0	08:11	2.75	0.67	0.51
P-53180	CONDUIT	19.29	0	08:10	0.53	0.08	0.38
P-53155	CONDUIT	32.69	0	08:10	0.92	0.27	0.68
P-53150	CONDUIT	314.29	0	08:11	1.11	0.62	1.00
P-53110	CONDUIT	308.18	0	08:11	1.49	0.59	0.92
P-53170	CONDUIT	31.74	0	08:10	2.68	0.18	0.29
P-53167	CONDUIT	98.31	0	08:10	1.26	0.43	0.49
P-53166	CONDUIT	95.88	0	08:10	1.28	0.47	0.48
P-53165	CONDUIT	85.38	0	08:10	1.18	0.48	0.47
P-53310	CONDUIT	81.67	0	08:10	1.39	0.46	0.53
P-53316	CONDUIT	22.07	0	08:10	0.95	0.47	0.48
P-53315	CONDUIT	4.98	0	08:10	0.93	0.05	0.30
P-53320	CONDUIT	12.74	0	08:10	0.77	0.40	0.52
P-53302	CONDUIT	51.58	0	08:10	2.63	0.30	0.42
P-53305	CONDUIT	12.09	0	08:10	1.18	0.14	0.36
P-53301	CONDUIT	39.52	0	08:10	2.15	0.34	0.40
P-53300	CONDUIT	25.06	0	08:10	1.91	0.29	0.44
P-53103	CONDUIT	75.75	0	08:10	1.59	0.25	0.67
P-53102	CONDUIT	50.84	0	08:10	2.58	0.20	0.32
P-53101	CONDUIT	50.88	0	08:10	2.66	0.78	0.59
P-53105	CONDUIT	24.95	0	08:10	1.87	0.29	0.44
P-53136	CONDUIT	230.16	0	08:10	2.53	0.33	0.68
P-53140	CONDUIT	10.02	0	08:10	0.84	0.34	0.40
P-53135	CONDUIT	196.97	0	08:10	3.47	0.30	0.39
P-17021	CONDUIT	28.84	0	08:10	2.05	0.86	0.74
P-17015	CONDUIT	67.22	0	08:02	1.43	3.14	1.00
P-17006	CONDUIT	58.73	0	08:16	1.20	2.37	1.00
P-17002	CONDUIT	47.60	0	09:00	0.97	1.96	1.00
P-17005	CONDUIT	7.99	0	08:10	0.39	0.13	0.62
P-17001	CONDUIT	46.85	0	08:10	1.63	0.67	0.86
P-17000	CONDUIT	15.15	0	08:10	0.87	0.49	0.61
P-7302	CONDUIT	36.10	0	08:10	2.10	0.54	0.55
P-7301	CONDUIT	22.92	0	08:10	2.00	0.70	0.62
P-7268	CONDUIT	28.36	0	08:10	1.32	0.32	0.56
P-7273	CONDUIT	33.12	0	08:10	2.12	0.15	0.35
P-7267	CONDUIT	179.16	0	08:10	3.06	0.94	0.77
P-7265	CONDUIT	142.32	0	08:10	2.84	0.61	0.67
P-7269	CONDUIT	6.54	0	08:10	0.81	0.44	0.50
P-7271	CONDUIT	24.45	0	08:10	1.86	0.11	0.24
P-7272	CONDUIT	12.39	0	08:10	0.85	0.18	0.26
P-7266	CONDUIT	9.86	0	08:10	0.95	0.11	0.35
P-7260	CONDUIT	132.57	0	08:10	2.81	0.80	0.63
P-7261	CONDUIT	18.16	0	08:10	1.18	0.18	0.46
P-7336	CONDUIT	52.00	0	08:14	1.67	1.38	0.96
P-7335	CONDUIT	27.11	0	08:10	1.03	0.51	0.78
P-7340	CONDUIT	12.25	0	08:10	0.95	0.17	0.32
P-7339	CONDUIT	21.46	0	08:10	1.11	0.65	0.59
P-7337	CONDUIT	59.02	0	08:10	2.34	0.24	0.40
P-7338	CONDUIT	92.70	0	08:10	2.18	0.44	0.59
P-7341	CONDUIT	154.35	0	08:10	2.89	0.85	0.71
P-7343	CONDUIT	49.29	0	08:10	2.07	0.48	0.49
P-7342	CONDUIT	16.54	0	08:10	1.34	0.50	0.66
P-7332	CONDUIT	62.08	0	08:13	2.10	1.09	1.00
P-7331	CONDUIT	49.23	0	08:10	1.87	0.64	0.79
P-7330	CONDUIT	37.58	0	08:10	2.02	0.61	0.57
P-7308	CONDUIT	98.54	0	08:13	1.39	1.02	1.00
P-7327	CONDUIT	7.29	0	08:10	0.84	0.22	0.32
P-7326	CONDUIT	7.30	0	08:10	0.84	0.22	0.32
P-7306	CONDUIT	119.64	0	08:10	2.07	0.54	0.76
P-7305	CONDUIT	103.42	0	08:10	2.65	0.59	0.54
P-7300	CONDUIT	89.07	0	08:10	1.88	0.86	0.64
P-7298	CONDUIT	43.18	0	08:10	1.05	0.37	0.57
P-7309	CONDUIT	181.18	0	08:58	2.56	1.99	1.00
P-7323	CONDUIT	139.70	0	09:56	1.98	1.50	1.00
P-7322	CONDUIT	146.03	0	08:10	2.07	0.75	1.00
P-7321	CONDUIT	131.15	0	08:10	2.59	0.63	1.00
P-7320	CONDUIT	124.04	0	08:10	2.72	0.59	0.78
P-7315	CONDUIT	120.91	0	08:10	2.39	0.94	0.67
P-7314	CONDUIT	57.99	0	08:10	1.11	0.66	0.69
P-7313	CONDUIT	50.21	0	08:10	1.49	0.29	0.48
P-7312	CONDUIT	45.39	0	08:10	2.17	0.20	0.34
P-7311	CONDUIT	27.77	0	08:10	1.96	0.43	0.46
P-7310	CONDUIT	13.15	0	08:10	1.79	0.39	0.43
P-7319	CONDUIT	63.02	0	08:10	1.59	0.21	0.55
P-7318	CONDUIT	51.07	0	08:10	1.69	0.57	0.44

P-7317	CONDUIT	42.55	0	08:10	0.92	0.78	0.63
P-7316	CONDUIT	35.28	0	08:10	1.36	0.94	0.77
P-7299	CONDUIT	7.82	0	08:10	1.16	0.16	0.27
P-7295	CONDUIT	35.40	0	08:10	2.13	0.54	0.52
P-7297	CONDUIT	7.16	0	08:10	0.52	0.31	0.45
P-7296	CONDUIT	13.92	0	08:10	0.80	0.60	0.55
P-7294	CONDUIT	14.37	0	08:10	0.78	0.21	0.31
P-7293	CONDUIT	14.39	0	08:10	0.77	0.21	0.31
P-7291	CONDUIT	14.39	0	08:10	0.81	0.34	0.39
P-7292	CONDUIT	6.35	0	08:10	0.56	0.59	0.62
P-7290	CONDUIT	0.00	0	00:00	0.00	0.00	0.25
P-7252	CONDUIT	590.11	0	08:11	3.93	0.30	0.37
P-7251	CONDUIT	534.48	0	08:11	3.22	0.37	0.40
P-7258	CONDUIT	35.45	0	08:10	1.22	1.08	0.90
P-7259	CONDUIT	7.30	0	08:10	0.45	0.13	0.62
P-7256	CONDUIT	25.31	0	08:12	1.04	0.54	0.80
P-7255	CONDUIT	9.77	0	08:10	0.78	0.21	0.46
P-7257	CONDUIT	15.65	0	08:10	1.14	0.30	0.49
P-7247	CONDUIT	106.63	0	08:10	2.06	0.36	0.53
P-7230	CONDUIT	525.45	0	08:10	3.55	0.49	0.52
P-7233	CONDUIT	46.39	0	08:10	1.03	0.31	0.69
P-7143	CONDUIT	159.70	0	08:10	2.59	0.34	0.41
P-7145	CONDUIT	6.96	0	08:10	0.69	0.15	0.36
P-7146	CONDUIT	18.07	0	08:10	0.79	0.43	0.68
P-7131	CONDUIT	141.79	0	08:10	1.95	0.54	0.47
P-7142	CONDUIT	72.97	0	08:10	1.03	0.32	0.46
P-7141	CONDUIT	68.42	0	08:10	1.22	0.29	0.38
P-7128	CONDUIT	45.05	0	08:10	0.95	0.28	0.45
P-7129	CONDUIT	68.88	0	08:10	1.04	0.47	0.58
P-7130	CONDUIT	0.00	0	00:00	0.00	0.00	0.40
P-7125	CONDUIT	18.04	0	08:10	1.10	0.17	0.37
P-17065	CONDUIT	13.89	0	08:10	1.12	0.77	0.66
P-17066	CONDUIT	20.65	0	08:10	1.02	0.72	0.61
P-17067	CONDUIT	37.43	0	08:10	1.92	0.66	0.60
P-17068	CONDUIT	48.53	0	08:10	1.82	0.41	0.72
P-17070	CONDUIT	13.97	0	08:14	0.97	0.38	1.00
P-17072	CONDUIT	74.15	0	08:53	2.13	1.12	0.67
P-17071	CONDUIT	63.54	0	07:41	1.30	0.98	1.00
P-17069	CONDUIT	62.44	0	08:10	1.54	0.56	1.00
P-17054	CONDUIT	46.10	0	08:10	0.58	0.20	0.63
P-17087	CONDUIT	351.01	0	08:12	2.52	0.35	0.41
P-17095	CONDUIT	350.06	0	08:11	2.65	0.35	0.40
C23	CONDUIT	532.45	0	08:11	1.70	0.36	0.39
P-17061	CONDUIT	76.13	0	08:10	4.10	0.11	0.22
P-17074	CONDUIT	717.50	0	08:11	3.17	0.36	0.39
P-17090	CONDUIT	745.71	0	08:11	5.14	0.23	0.28
P-17091A	CONDUIT	0.00	0	00:00	0.00	0.00	0.03
P-17092	CONDUIT	7.43	0	08:10	0.40	0.00	0.23
P-17096	CONDUIT	366.93	0	08:11	2.53	0.25	0.36
P-17160	CONDUIT	366.87	0	08:11	3.26	0.28	0.30
P-17161	CONDUIT	366.84	0	08:12	3.32	0.28	0.66
P-17162	CONDUIT	366.92	0	08:12	1.36	0.44	0.59
P-17146	CONDUIT	43.04	0	08:10	1.46	0.94	0.88
P-17142	CONDUIT	18.15	0	08:10	1.32	0.23	0.32
P-17141	CONDUIT	18.15	0	08:10	1.47	0.16	0.30
P-17140	CONDUIT	30.59	0	08:10	0.85	0.16	0.51
P-17145	CONDUIT	491.60	0	08:10	3.18	0.12	0.29
P-17147	CONDUIT	524.90	0	08:10	2.18	0.26	0.40
P-17152	CONDUIT	20.74	0	08:10	0.84	0.95	0.73
P-17151	CONDUIT	20.88	0	08:10	1.11	0.30	0.61
P-17150	CONDUIT	7.26	0	08:10	1.05	0.22	0.41
P-17052	CONDUIT	11.10	0	08:10	0.49	0.34	0.68
P-17056	CONDUIT	24.51	0	08:10	1.35	0.53	0.56
C224	CONDUIT	12.75	0	08:10	1.79	0.30	0.43
P-17055	CONDUIT	12.18	0	08:10	0.98	0.22	0.42
P-17086	CONDUIT	22.51	0	08:10	1.11	0.70	0.62
P-17084	CONDUIT	235.61	0	08:11	1.52	0.60	0.54
P-17083	CONDUIT	213.40	0	08:11	2.50	0.55	0.53
P-17082	CONDUIT	203.85	0	08:10	2.99	0.28	0.44
P-17081	CONDUIT	101.80	0	08:40	1.86	0.30	0.38
P-17080	CONDUIT	99.84	0	08:40	1.83	0.30	0.37
P-17077	CONDUIT	89.16	0	08:40	2.19	0.33	0.40
P-17079	CONDUIT	17.49	0	08:10	0.97	0.60	0.56
P-17076	CONDUIT	76.68	0	08:40	2.32	0.18	0.34
P-17078	CONDUIT	17.50	0	08:10	1.22	0.30	0.47
P-17075	CONDUIT	76.73	0	08:40	1.76	0.56	0.42
P-17047	CONDUIT	18.67	0	08:10	0.67	0.77	0.83
P-17046	CONDUIT	13.12	0	08:10	0.75	0.39	0.54
P-17045	CONDUIT	13.13	0	08:10	1.19	0.24	0.38

P-17041	CONDUIT	8.30	0	08:10	0.48	0.15	0.63
P-17037	CONDUIT	14.30	0	08:10	0.86	0.94	0.89
P-17034	CONDUIT	18.17	0	08:10	0.75	1.08	0.72
P-17033	CONDUIT	9.85	0	08:10	0.49	0.42	0.61
P-17032	CONDUIT	36.04	0	08:10	0.81	0.41	0.60
P-17031	CONDUIT	17.92	0	08:10	0.81	0.14	0.35
P-17030	CONDUIT	13.67	0	08:10	1.01	0.48	0.44
P-17106	CONDUIT	33.09	0	08:10	1.09	0.67	0.59
P-17105	CONDUIT	22.69	0	08:10	0.99	0.46	0.47
P-17051	CONDUIT	130.44	0	08:05	1.70	0.53	0.68
P-7156	CONDUIT	13.77	0	08:10	0.45	0.10	0.61
P-7148	CONDUIT	249.01	0	08:10	2.32	0.78	0.64
P-7154	CONDUIT	32.69	0	08:10	0.86	0.42	0.72
P-7153	CONDUIT	32.72	0	08:10	1.53	0.42	0.45
P-7152	CONDUIT	20.50	0	08:10	1.12	0.26	0.40
P-7147	CONDUIT	188.96	0	08:10	2.14	0.36	0.54
P-7127	CONDUIT	0.00	0	00:00	0.00	0.00	0.15
P-19006	CONDUIT	202.74	0	08:10	3.00	0.69	0.59
P-19012	CONDUIT	62.33	0	08:10	1.36	0.70	0.62
P-19011	CONDUIT	44.22	0	08:10	1.08	0.51	0.56
P-19010	CONDUIT	21.56	0	08:10	1.01	0.76	0.64
P-19002	CONDUIT	120.24	0	08:10	2.11	0.48	0.51
P-19005	CONDUIT	79.44	0	08:10	1.56	0.42	0.47
P-19001	CONDUIT	27.61	0	08:10	1.11	0.92	0.74
P-19000	CONDUIT	22.44	0	08:10	1.00	0.64	0.67
P-17085	CONDUIT	269.25	0	08:10	3.77	0.16	0.30
P-17128	CONDUIT	14.62	0	08:10	1.42	0.28	0.36
C62	CONDUIT	137.53	0	08:10	1.83	0.46	0.48
C57	CONDUIT	8.99	0	08:10	0.60	0.06	0.19
C67	CONDUIT	29.88	0	08:10	1.49	0.44	0.43
C66	CONDUIT	29.85	0	08:10	1.94	0.45	0.49
P-17053A	CONDUIT	176.77	0	08:06	2.61	2.34	0.59
P-17088	CONDUIT	89.12	0	08:04	2.05	0.28	0.43
P-17053	CONDUIT	5.11	0	08:10	0.28	0.02	0.20
P-17088A	CONDUIT	66.99	0	08:04	1.68	0.20	0.30
C24	CONDUIT	64.91	0	08:04	0.70	0.19	0.57
P-17155	CONDUIT	641.37	0	08:11	2.27	0.28	0.36
P-17101	CONDUIT	33.78	0	08:10	2.59	0.13	0.24
P-17107	CONDUIT	0.69	0	08:10	0.60	0.01	0.08
C28	CONDUIT	248.93	0	08:10	2.13	0.09	0.24
P-17110	CONDUIT	285.79	0	08:11	2.62	0.15	0.23
P-17126	CONDUIT	26.79	0	08:10	1.12	0.87	0.71
P-17125	CONDUIT	329.20	0	08:10	4.10	0.07	0.18
P-7157	CONDUIT	23.38	0	08:10	0.63	0.35	0.70
P-7158	CONDUIT	326.48	0	08:10	2.34	0.46	0.50
P-7155	CONDUIT	295.46	0	08:10	2.29	0.43	0.47
P-24006	CONDUIT	18.85	0	08:10	2.14	0.23	0.32
P-24005	CONDUIT	13.68	0	08:10	1.89	0.13	0.28
P-24001	CONDUIT	19.64	0	08:10	2.08	0.25	0.34
P-24000	CONDUIT	13.77	0	08:10	1.64	0.18	0.31
P-19125A	CONDUIT	608.31	0	08:10	3.83	0.48	0.55
P-19130	CONDUIT	29.39	0	08:10	1.29	0.56	0.68
P-19103	CONDUIT	19.88	0	08:12	0.97	0.56	0.84
P-19121	CONDUIT	45.08	0	09:05	1.44	1.41	1.00
P-19031	CONDUIT	117.27	0	08:10	1.92	0.35	0.41
P-19122	CONDUIT	102.05	0	07:53	1.58	1.28	1.00
P-19031A	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
P-19044A	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
P-19123	CONDUIT	116.53	0	08:10	1.81	0.99	1.00
P-19044	CONDUIT	46.87	0	08:10	1.74	0.16	0.31
P-19120	CONDUIT	213.31	0	08:10	3.07	1.12	1.00
P-19107	CONDUIT	91.09	0	08:10	2.00	0.46	0.74
P-19094	CONDUIT	184.90	0	07:42	3.52	1.01	0.74
P-19062	CONDUIT	9.78	0	08:10	0.96	0.30	0.36
P-19114	CONDUIT	73.37	0	08:11	1.26	0.53	0.52
P-19112	CONDUIT	68.59	0	08:10	1.29	0.88	0.70
P-19110	CONDUIT	13.21	0	08:10	0.55	0.26	0.49
P-19111	CONDUIT	37.21	0	08:10	1.14	0.73	0.63
P-19113	CONDUIT	17.43	0	08:10	0.85	0.75	0.63
P-19050	CONDUIT	23.49	0	08:10	0.39	0.09	0.56
P-19092	CONDUIT	50.34	0	09:18	1.07	0.96	1.00
P-19091	CONDUIT	43.21	0	09:17	0.96	0.95	1.00
P-19090	CONDUIT	40.72	0	07:39	0.83	0.97	1.00
P-19095	CONDUIT	20.35	0	07:40	1.15	1.13	1.00
P-19093	CONDUIT	129.54	0	07:41	2.64	1.22	1.00
P-19106	CONDUIT	47.12	0	09:21	1.52	1.36	1.00
P-19105	CONDUIT	40.27	0	07:26	1.28	1.21	1.00
P-19023	CONDUIT	279.56	0	08:10	2.58	0.50	0.64
P-19104	CONDUIT	65.97	0	10:21	1.39	1.00	1.00

P-19102	CONDUIT	43.14	0	07:40	0.88	1.76	1.00
P-19070A	CONDUIT	237.17	0	08:11	2.19	0.39	0.64
P-19023A	CONDUIT	261.18	0	08:10	3.16	0.50	0.52
P-19101	CONDUIT	30.69	0	07:40	0.63	1.14	1.00
P-19100	CONDUIT	26.06	0	07:40	0.53	1.02	1.00
P-19126	CONDUIT	517.83	0	08:10	3.16	0.29	0.40
P-19125	CONDUIT	563.88	0	08:10	3.64	0.32	0.38
P-19086	CONDUIT	1165.82	0	08:10	4.57	0.52	0.42
P-19067	CONDUIT	944.19	0	08:11	4.30	0.26	0.38
P-19115	CONDUIT	171.49	0	08:10	3.12	0.20	0.30
P-19057	CONDUIT	385.03	0	08:11	1.96	0.49	0.46
P-19056	CONDUIT	325.49	0	08:11	1.81	0.28	0.43
P-19070	CONDUIT	347.70	0	08:11	1.84	0.73	0.63
P-19085	CONDUIT	382.31	0	08:11	1.95	0.49	0.46
P-19082	CONDUIT	111.37	0	08:10	1.27	0.47	0.74
P-19075	CONDUIT	25.91	0	08:10	1.16	0.79	0.67
P-19076	CONDUIT	46.40	0	08:10	1.45	0.66	0.62
P-19077	CONDUIT	51.24	0	08:10	1.52	0.76	0.65
P-19078	CONDUIT	95.34	0	08:10	1.91	0.41	0.46
P-19081	CONDUIT	35.08	0	08:10	1.24	0.42	0.56
P-19080	CONDUIT	22.96	0	08:10	1.18	0.70	0.60
P-11020A	CONDUIT	568.11	0	08:11	3.86	0.55	0.52
P-19052	CONDUIT	271.58	0	08:11	3.23	0.54	0.52
P-19051	CONDUIT	271.57	0	08:10	3.20	0.55	0.53
P-19053	CONDUIT	561.72	0	08:11	2.50	0.51	0.51
P-19055	CONDUIT	290.10	0	08:11	2.16	0.96	0.79
P-19063	CONDUIT	73.20	0	08:10	2.23	0.45	0.47
P-19064	CONDUIT	11.21	0	08:10	0.69	0.97	0.87
P-19066	CONDUIT	42.41	0	08:10	1.33	0.18	0.33
P-19065	CONDUIT	40.80	0	08:10	1.75	0.52	0.48
P-19061	CONDUIT	17.55	0	08:10	0.80	0.11	0.35
P-19060	CONDUIT	7.80	0	08:10	0.89	0.04	0.18
P-19018	CONDUIT	312.83	0	08:10	2.51	1.86	0.97
P-19019	CONDUIT	353.86	0	08:10	4.34	0.53	0.51
P-19022	CONDUIT	41.43	0	08:10	1.36	1.43	0.93
P-19021	CONDUIT	33.52	0	08:10	1.07	1.15	1.00
P-19020	CONDUIT	23.06	0	08:10	1.30	1.22	1.00
P-19045	CONDUIT	188.14	0	08:10	1.92	0.82	0.59
P-19040	CONDUIT	12.89	0	08:10	1.20	0.30	0.37
P-19042	CONDUIT	12.89	0	08:10	0.79	0.56	0.51
P-19041	CONDUIT	25.77	0	08:10	1.34	0.20	0.32
P-19043	CONDUIT	29.68	0	08:10	1.46	0.23	0.33
P-19036	CONDUIT	163.78	0	08:10	1.66	0.52	0.60
P-19035	CONDUIT	117.21	0	08:10	1.62	0.37	0.47
P-19032	CONDUIT	23.89	0	08:10	1.83	0.21	0.31
P-19030	CONDUIT	93.40	0	08:10	2.16	0.25	0.41
P-19027	CONDUIT	61.94	0	08:10	2.47	0.31	0.38
P-19025	CONDUIT	6.13	0	08:10	0.47	0.10	0.31
P-19029	CONDUIT	40.03	0	08:10	1.36	0.63	0.58
P-19026	CONDUIT	22.00	0	08:10	1.17	0.35	0.41
P-19017	CONDUIT	308.42	0	08:10	2.27	0.58	0.80
C61	CONDUIT	137.53	0	08:10	2.62	0.33	0.36
P-7176	CONDUIT	35.70	0	08:10	1.38	0.94	0.77
P-7175	CONDUIT	24.86	0	08:10	1.22	0.44	0.62
P-7172_1	CONDUIT	781.83	0	08:10	3.10	0.36	0.42
P-7164	CONDUIT	13.96	0	08:10	0.27	0.27	0.68
P-7161	CONDUIT	435.18	0	08:10	2.11	0.40	0.68
P-7162	CONDUIT	80.22	0	08:10	1.54	0.49	0.69
P-7159	CONDUIT	355.50	0	08:10	2.65	0.52	0.48
P-7160	CONDUIT	14.74	0	08:10	0.43	0.23	0.66
P-7135	CONDUIT	12.13	0	08:10	0.90	0.31	0.45
C52	CONDUIT	1312.82	0	08:09	5.14	0.61	0.56
P-50065	CONDUIT	402.23	0	08:11	2.29	0.82	1.00
P-50064	CONDUIT	393.97	0	08:12	2.63	0.64	0.84
P-50063	CONDUIT	388.96	0	08:11	2.36	1.01	0.74
P-50062	CONDUIT	373.07	0	08:11	3.17	0.70	0.69
P-50061	CONDUIT	347.04	0	08:11	3.47	0.65	0.60
P-50060	CONDUIT	347.11	0	08:11	2.84	1.03	0.72
P-50096	CONDUIT	14.86	0	08:10	1.90	0.19	0.30
P-50095	CONDUIT	14.87	0	08:10	2.18	0.13	0.27
P-50072	CONDUIT	89.37	0	08:10	2.89	0.42	0.45
P-50071	CONDUIT	33.94	0	08:10	2.27	0.25	0.34
P-50070	CONDUIT	12.24	0	08:10	1.15	0.08	0.27
P-50085	CONDUIT	55.50	0	08:10	3.38	0.53	0.52
P-50077	CONDUIT	36.35	0	08:10	2.54	0.36	0.47
P-50080	CONDUIT	10.71	0	08:10	1.47	0.39	0.43
P-50076	CONDUIT	25.66	0	08:10	1.75	0.53	0.47
P-50075	CONDUIT	19.83	0	08:10	1.40	0.32	0.46
P-50045	CONDUIT	89.18	0	08:10	1.42	0.50	0.55

P-50055	CONDUIT	121.73	0	08:10	3.05	0.51	0.64
P-50041	CONDUIT	344.03	0	08:11	2.41	1.02	0.85
P-50040	CONDUIT	200.49	0	08:12	1.49	0.94	0.81
P-50031	CONDUIT	185.86	0	08:12	1.57	1.19	0.89
P-50030	CONDUIT	172.94	0	08:12	1.11	0.81	1.00
P-50035	CONDUIT	14.00	0	08:10	1.65	0.18	0.64
P-50050	CONDUIT	26.59	0	08:10	1.38	0.65	0.59
P-50020	CONDUIT	23.80	0	08:10	1.50	0.52	0.50
P-50017	CONDUIT	42.84	0	08:10	2.51	0.60	0.53
P-50016	CONDUIT	41.51	0	08:10	1.57	1.69	0.79
P-50015	CONDUIT	30.08	0	08:10	0.96	1.23	1.00
P-50018	CONDUIT	21.73	0	08:10	1.03	0.49	0.64
P-50025	CONDUIT	61.36	0	08:10	2.33	0.96	0.78
P-50026	CONDUIT	77.22	0	08:10	2.05	0.62	0.73
P-50027	CONDUIT	89.30	0	08:10	1.98	1.06	0.90
P-50028	CONDUIT	95.00	0	08:10	2.97	0.42	0.59
P-50011	CONDUIT	163.27	0	08:13	1.27	0.78	0.91
P-50010	CONDUIT	55.73	0	08:10	0.96	0.45	0.63
P-50001	CONDUIT	34.28	0	08:10	0.82	0.25	0.41
P-50005	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
P-50000	CONDUIT	28.05	0	08:10	0.97	0.39	0.43
P-24057	CONDUIT	24.77	0	08:10	1.44	0.56	0.54
P-24056	CONDUIT	13.88	0	08:10	1.04	0.30	0.46
P-24055	CONDUIT	7.68	0	08:10	0.89	0.15	0.32
P-24050	CONDUIT	35.12	0	08:10	1.42	0.21	0.38
P-24065	CONDUIT	17.26	0	08:10	2.10	0.21	0.31
P-24060	CONDUIT	71.77	0	08:10	2.35	0.41	0.45
P-24075	CONDUIT	17.55	0	08:10	1.80	0.26	0.35
P-24070	CONDUIT	99.00	0	08:10	1.25	0.25	0.50
P-24087	CONDUIT	23.46	0	08:10	1.87	0.37	0.42
P-24086	CONDUIT	13.35	0	08:10	1.18	0.27	0.39
P-24085	CONDUIT	6.10	0	08:10	0.63	0.25	0.35
P-24080	CONDUIT	131.15	0	08:10	1.30	0.88	0.60
P-24090	CONDUIT	133.22	0	08:10	1.09	0.59	0.72
P-24091	CONDUIT	413.34	0	08:11	2.07	0.78	0.67
P-24105	CONDUIT	272.29	0	08:10	2.12	0.70	0.75
P-24095	CONDUIT	195.62	0	08:10	1.92	0.69	0.61
P-24100	CONDUIT	27.60	0	08:10	0.97	0.65	0.56
P-24045	CONDUIT	8.21	0	08:10	0.79	0.15	0.37
P-7167	CONDUIT	146.36	0	08:10	1.52	0.64	0.58
P-7168	CONDUIT	156.22	0	08:10	1.22	0.51	0.75
C12	CONDUIT	681.29	0	08:11	1.94	0.61	0.54
P-7171	CONDUIT	34.54	0	08:10	0.89	0.66	0.54
C10	CONDUIT	109.67	0	08:11	3.05	0.07	0.18
P-7165	CONDUIT	711.29	0	08:10	3.17	0.26	0.38
P-7136	CONDUIT	34.41	0	08:10	1.49	0.35	0.48
P-16032	CONDUIT	81.76	0	08:10	1.43	0.25	0.65
P-16027	CONDUIT	774.52	0	08:12	1.64	0.53	0.41
P-16026_1	CONDUIT	748.16	0	08:12	1.32	0.36	0.47
P-16035	CONDUIT	871.88	0	08:11	4.44	1.34	1.00
P-16041	CONDUIT	29.71	0	08:10	1.02	1.15	0.87
P-16040	CONDUIT	25.99	0	08:10	0.83	1.12	1.00
P-16036	CHANNEL	921.97	0	08:11	2.42	0.08	0.31
P-51022	CONDUIT	94.95	0	08:10	1.04	0.97	0.77
P-51021	CONDUIT	86.50	0	08:10	0.98	0.84	0.75
P-51020	CONDUIT	86.66	0	08:10	1.20	0.66	0.62
P-51026	CONDUIT	19.69	0	08:10	0.55	0.33	0.51
P-51025	CONDUIT	3.55	0	08:10	0.22	0.05	0.28
P-51015	CONDUIT	27.96	0	08:10	1.05	1.03	0.79
P-51001	CONDUIT	28.17	0	08:10	0.84	0.68	0.65
P-51035	CONDUIT	22.91	0	08:10	0.98	0.28	0.36
P-51005	CONDUIT	28.22	0	08:10	1.24	0.68	0.68
P-51027	CONDUIT	50.93	0	08:10	1.48	0.71	0.49
P-51035A	CONDUIT	39.34	0	08:10	1.54	0.27	0.46
P-51030	CONDUIT	8.07	0	08:10	0.37	0.33	0.66
P-51040	CONDUIT	177.12	0	08:10	1.72	1.61	0.62
P-51023	CONDUIT	141.41	0	08:11	1.38	0.74	0.61
P-51010	CONDUIT	86.71	0	08:10	1.34	0.49	0.57
P-51010A	CONDUIT	0.00	0	00:00	0.00	0.00	0.08
P-51041	CONDUIT	199.99	0	08:10	2.21	0.59	0.55
P-50149	CONDUIT	62.71	0	08:10	1.29	0.74	0.68
P-50148	CONDUIT	55.35	0	08:10	1.23	0.62	0.61
P-50147	CONDUIT	40.95	0	08:10	2.50	0.53	0.52
P-50146	CONDUIT	26.11	0	08:10	1.86	0.34	0.46
P-50141	CONDUIT	117.65	0	08:10	1.83	0.75	0.86
P-50140	CONDUIT	47.76	0	08:10	1.18	0.42	0.58
P-50132	CONDUIT	35.96	0	08:10	2.04	0.32	0.39
P-50135	CONDUIT	26.18	0	08:10	2.42	0.30	0.38
P-50131	CONDUIT	9.80	0	08:10	1.32	0.18	0.29

P-50130	CONDUIT	4.48	0	08:10	0.87	0.05	0.22
P-50105	CONDUIT	15.40	0	08:10	1.93	0.20	0.30
P-7166	CONDUIT	97.43	0	08:10	1.42	1.32	0.94
P-7170	CONDUIT	34.54	0	08:10	1.32	0.55	0.53
P-53096	CONDUIT	40.14	0	08:10	1.20	0.40	0.48
P-53095	CONDUIT	28.61	0	08:10	1.21	0.41	0.49
P-53090	CONDUIT	132.28	0	08:10	2.86	0.63	0.62
P-53089	CONDUIT	81.68	0	08:10	1.83	0.71	0.60
P-53088	CONDUIT	65.87	0	08:10	1.46	0.64	0.61
P-53087	CONDUIT	48.05	0	08:10	1.19	0.99	0.77
P-53086	CONDUIT	29.55	0	08:10	0.82	0.59	0.69
P-53085	CONDUIT	22.36	0	08:10	1.16	0.47	0.59
P-53047	CONDUIT	87.50	0	08:10	1.81	0.47	0.45
P-53041A	CONDUIT	202.23	0	08:10	4.11	0.25	0.67
P-53040	CONDUIT	115.00	0	08:11	3.10	0.24	0.37
P-16015A	CONDUIT	563.10	0	08:13	1.37	0.20	0.46
C215	CONDUIT	605.66	0	08:12	2.26	0.50	0.58
P-53046	CONDUIT	15.80	0	08:10	1.64	0.12	0.28
P-53045	CONDUIT	6.42	0	08:10	0.92	0.15	0.27
P-53030	CONDUIT	109.79	0	08:11	2.07	0.74	0.48
P-53035	CONDUIT	4.08	0	08:10	0.21	0.03	0.42
P-53020	CONDUIT	99.02	0	08:11	1.31	0.94	0.73
P-53025	CONDUIT	19.64	0	08:10	0.69	0.85	0.85
P-53013	CONDUIT	64.41	0	08:11	0.98	0.52	0.65
P-53015	CONDUIT	21.21	0	08:10	0.77	0.91	0.82
P-53012	CONDUIT	43.44	0	08:11	1.03	1.03	0.80
P-53011	CONDUIT	28.12	0	08:10	0.73	0.67	0.75
P-53010	CONDUIT	11.12	0	08:10	0.62	0.28	0.55
C5	CONDUIT	0.65	0	08:11	0.40	0.00	0.03
P-53004	CONDUIT	81.57	0	08:10	2.59	0.15	0.33
P-53003	CHANNEL	81.60	0	08:10	0.95	0.01	0.11
P-53002	CONDUIT	48.00	0	08:10	1.30	0.20	0.28
P-53001	CONDUIT	30.24	0	08:10	1.10	0.56	0.55
P-53000	CONDUIT	18.29	0	08:10	0.84	0.75	0.65
P-11037	CONDUIT	51.86	0	08:10	1.19	0.61	0.60
P-11036	CONDUIT	16.21	0	08:10	0.72	0.49	0.67
P-11038	CONDUIT	22.88	0	08:10	0.77	0.49	0.59
P-11035	CONDUIT	15.30	0	08:10	1.05	1.00	0.77
P-11011	CONDUIT	240.43	0	08:07	2.68	0.75	0.79
P-11010	CONDUIT	221.64	0	08:11	2.43	1.07	0.82
P-11007	CONDUIT	158.64	0	08:12	1.77	0.76	0.94
P-11003	CONDUIT	159.06	0	08:10	2.04	0.77	0.77
P-11006	CONDUIT	9.75	0	08:10	0.42	0.33	0.70
P-11002	CONDUIT	70.01	0	09:26	2.23	2.55	1.00
P-11005	CONDUIT	1.41	0	08:10	0.20	0.05	0.28
P-11001	CONDUIT	21.39	0	08:10	0.68	0.78	1.00
P-11000	CONDUIT	21.81	0	07:27	0.78	0.94	1.00
P-11017	CONDUIT	18.17	0	08:10	0.88	0.41	0.44
P-11020	CONDUIT	683.63	0	08:11	4.50	0.55	0.53
P-11021	CONDUIT	683.55	0	08:11	2.28	0.38	0.66
P-11015	CONDUIT	35.07	0	08:08	1.41	0.10	0.28
P-11012	CONDUIT	245.02	0	08:08	2.36	1.08	0.93
P-11013	CONDUIT	5.70	0	08:10	0.63	0.19	0.59
P-11031	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
P-11030	CONDUIT	24.10	0	08:10	1.61	1.26	0.80
P-11016	CONDUIT	914.22	0	08:12	2.45	1.17	0.80
P-11025	CONDUIT	39.35	0	08:08	0.82	0.24	0.45
P-11032	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
P-11045	CONDUIT	917.36	0	08:13	3.16	0.78	0.62
P-11026	CONDUIT	91.12	0	08:10	1.85	0.60	0.46
P-11033	CONDUIT	98.03	0	08:10	2.83	0.27	0.35
P-11046	CONDUIT	920.65	0	08:13	5.16	0.83	0.60
P-11047	CONDUIT	922.25	0	08:13	6.08	0.46	0.53
P-11048	CONDUIT	929.07	0	08:13	5.74	0.63	0.56
P-11050	CONDUIT	12.37	0	08:10	0.45	0.07	0.34
C225	CONDUIT	16.91	0	08:10	1.21	0.40	0.74
P-11051	CONDUIT	112.56	0	08:10	1.41	0.49	0.68
P-11040	CONDUIT	162.73	0	08:10	1.48	0.57	0.65
P-11034	CONDUIT	162.73	0	08:10	2.03	0.36	0.50
P-11041	CONDUIT	1202.25	0	08:10	6.58	0.57	0.62
P-11056	CONDUIT	9.13	0	08:10	0.40	0.29	0.68
P-11055	CONDUIT	1211.39	0	08:10	6.29	0.81	0.64
C56	CONDUIT	54.34	0	08:09	1.73	2.56	1.00
C55	CONDUIT	1253.60	0	08:14	3.62	0.83	1.00
P-16023	CONDUIT	605.64	0	08:12	2.03	0.88	0.64
C214	CONDUIT	605.68	0	08:12	2.19	0.83	0.60
P-16022	CONDUIT	109.15	0	08:12	1.35	0.11	0.24
P-16021	CONDUIT	569.93	0	08:13	1.83	0.66	0.67
P-16008	CONDUIT	17.65	0	08:10	1.30	0.98	0.72

P-16020	CONDUIT	563.16	0	08:13	1.81	0.86	0.66
P-16016	CONDUIT	104.23	0	08:13	1.19	0.16	0.25
P-16001	CHANNEL	608.58	0	08:12	1.95	0.08	0.27
P-16000	CHANNEL	567.98	0	08:11	1.44	0.07	0.32
P-16007	CONDUIT	15.34	0	08:10	1.06	0.85	0.76
P-16006	CONDUIT	13.01	0	08:10	1.66	1.54	1.00
P-16005	CONDUIT	8.77	0	08:10	1.12	1.03	1.00
P-16009	CONDUIT	30.07	0	08:10	0.89	0.30	0.69
P-16011	CONDUIT	12.46	0	08:10	1.12	0.20	0.39
P-16010	CONDUIT	12.49	0	08:10	1.74	0.14	0.28
P-16025	CONDUIT	143.93	0	08:10	1.68	0.14	0.25
P-16031	CONDUIT	81.77	0	08:10	2.47	0.51	0.48
P-7282	CONDUIT	77.88	0	08:10	3.02	0.41	0.39
P-7275	CONDUIT	3111.17	0	08:11	6.23	0.41	0.45
P-7182	CONDUIT	3107.00	0	08:11	5.49	0.39	0.42
C223	CONDUIT	0.00	0	00:00	0.00	0.00	0.25
P-7280	CONDUIT	15.79	0	08:10	0.94	0.10	0.29
P-7181	CONDUIT	49.43	0	08:09	1.60	1.47	0.96
P-7137	CONDUIT	41.79	0	08:10	1.08	0.29	0.38
P-7237	CONDUIT	30.99	0	08:10	1.44	0.84	0.65
P-7236	CONDUIT	23.11	0	08:10	1.20	0.43	0.59
P-7235	CONDUIT	6.07	0	08:10	0.70	0.07	0.32
P-7232	CONDUIT	12.98	0	08:10	0.90	0.27	0.47
P-7231	CONDUIT	12.99	0	08:10	1.29	0.27	0.36
P-7229	CONDUIT	479.31	0	08:10	3.18	0.58	0.53
P-7220	CONDUIT	465.95	0	08:10	2.85	0.62	0.56
P-7248	CONDUIT	13.01	0	08:10	1.48	0.12	0.24
P-7246	CONDUIT	91.67	0	08:10	2.05	0.53	0.47
P-7243	CONDUIT	85.87	0	08:10	2.33	0.53	0.52
P-7245	CONDUIT	60.51	0	08:10	2.65	0.45	0.47
P-7242	CONDUIT	25.36	0	08:10	1.60	0.21	0.37
P-7241	CONDUIT	21.25	0	08:10	1.40	0.32	0.35
P-7240	CONDUIT	21.30	0	08:10	1.40	0.21	0.35
P-7227	CONDUIT	44.59	0	08:10	1.58	0.82	0.84
P-7226	CONDUIT	33.73	0	08:10	2.18	0.87	0.82
P-7225	CONDUIT	25.03	0	08:10	1.96	0.74	0.68
P-7228	CONDUIT	49.81	0	08:10	1.59	1.07	1.00
P-7211	CONDUIT	404.75	0	08:10	2.37	0.66	0.58
P-7209	CONDUIT	300.44	0	08:10	1.99	0.37	0.53
P-7210	CONDUIT	14.94	0	08:10	0.35	0.21	0.61
P-7219	CONDUIT	104.35	0	08:10	1.64	0.82	0.84
P-7218	CONDUIT	87.85	0	08:10	2.37	0.65	0.71
P-7217	CONDUIT	69.43	0	08:10	2.51	0.52	0.55
P-7216	CONDUIT	42.29	0	08:10	2.05	0.69	0.62
P-7215	CONDUIT	22.39	0	08:10	0.96	0.90	0.69
P-7208	CONDUIT	33.59	0	08:10	1.29	0.58	0.77
P-7207	CONDUIT	272.07	0	08:10	2.35	0.34	0.43
P-7206	CONDUIT	225.33	0	08:10	1.78	0.54	0.46
P-7205	CONDUIT	215.79	0	08:10	1.51	0.47	0.50
P-7198	CONDUIT	184.31	0	08:10	1.77	0.20	0.40
P-7201	CONDUIT	57.74	0	08:10	1.71	0.64	0.65
P-7202	CONDUIT	16.64	0	08:10	0.74	0.72	0.68
P-7200	CONDUIT	34.93	0	08:10	1.56	0.70	0.67
P-7196	CONDUIT	126.69	0	08:10	2.09	1.85	0.80
P-7197	CONDUIT	33.31	0	07:26	0.68	0.84	1.00
P-7195	CONDUIT	104.59	0	09:13	1.48	1.40	1.00
P-7194	CONDUIT	110.68	0	08:09	2.25	0.99	1.00
P-7192	CONDUIT	92.62	0	08:10	2.24	0.66	0.81
P-7193	CONDUIT	24.27	0	08:10	1.05	0.74	0.70
P-7191	CONDUIT	40.24	0	08:10	1.92	0.52	0.64
P-7190	CONDUIT	22.29	0	08:10	1.43	0.19	0.35
P-7283	CONDUIT	77.86	0	08:10	3.93	0.20	0.41
P-7126	CONDUIT	34.74	0	08:10	1.07	0.21	0.34
P-7140	CONDUIT	62.58	0	08:10	1.20	0.26	0.36
P-7138	CONDUIT	56.69	0	08:10	1.18	0.24	0.34
P-7139	CONDUIT	15.00	0	08:10	0.63	0.31	0.49
P-48004	CONDUIT	364.60	0	08:12	2.98	0.50	0.45
P-48010	CONDUIT	370.88	0	08:12	2.96	0.30	0.46
P-48015	CONDUIT	458.06	0	09:02	1.55	0.36	0.48
P-50090	CONDUIT	125.39	0	08:10	2.49	0.43	0.47
P-19126A	CONDUIT	734.35	0	08:10	4.43	0.66	0.57
P-19131_1	CONDUIT	42.62	0	08:10	1.09	0.58	0.54
P-19131_2	CONDUIT	83.41	0	08:10	1.32	2.31	0.84
P-19057A	CONDUIT	22.18	0	07:26	0.64	0.25	0.50
C1	CONDUIT	104.88	0	08:10	4.82	0.24	0.25
C2	CONDUIT	89.96	0	08:10	1.75	0.28	1.00
C3	CONDUIT	89.95	0	08:10	2.61	0.23	0.66
C4	CONDUIT	81.55	0	08:10	2.29	0.31	0.36
P-53060_1	CONDUIT	303.72	0	08:11	6.19	5.05	1.00

P-53060_2	CONDUIT	303.75	0	08:11	1.85	0.81	0.73
C7	CONDUIT	3224.69	0	08:11	6.94	0.38	0.43
C8	CONDUIT	106.52	0	08:10	2.22	0.64	0.64
C9	CONDUIT	37.09	0	08:10	1.45	0.92	0.76
P-7183_1	CONDUIT	2500.20	0	08:11	5.40	0.31	0.36
P-7183_2	CONDUIT	2500.04	0	08:11	5.37	0.29	0.43
P-7121A_2	CONDUIT	2452.75	0	08:11	4.32	0.31	0.36
P-7169_1	CONDUIT	160.46	0	08:10	1.27	1.04	0.74
P-7169_2	CONDUIT	160.46	0	08:10	2.67	0.34	0.40
C13	CONDUIT	888.40	0	08:12	2.32	0.40	0.45
C15	CONDUIT	566.23	0	08:11	2.32	0.66	0.54
C16	CONDUIT	888.12	0	08:11	2.59	0.31	0.42
C17	CONDUIT	680.21	0	08:11	2.64	0.34	0.43
C18	CONDUIT	56.04	0	07:49	0.46	0.09	0.57
C19	CONDUIT	8.62	0	08:14	0.16	0.04	0.92
C20	CONDUIT	1122.58	0	08:11	2.90	0.31	0.38
C21	CONDUIT	756.02	0	08:11	2.70	0.33	0.45
C22	CONDUIT	756.00	0	08:11	4.64	0.10	0.30
C25	CONDUIT	97.73	0	08:04	2.31	0.34	0.42
C26	CONDUIT	73.59	0	08:10	1.34	1.02	0.73
C27	CONDUIT	418.17	0	08:10	3.82	0.10	0.23
C29	CONDUIT	42.04	0	08:10	1.84	1.09	0.68
C30	CONDUIT	196.20	0	08:11	1.75	0.12	0.23
C35	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C36	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C37	CHANNEL	1129.17	0	08:17	1.27	0.30	0.53
C38	CHANNEL	1129.13	0	08:18	1.77	0.15	0.43
C39	CHANNEL	1010.97	0	08:18	0.98	0.24	0.59
C40	CHANNEL	980.35	0	08:17	1.15	0.21	0.52
C41	CONDUIT	146.95	0	08:15	1.99	0.41	0.67
C42	CHANNEL	778.96	0	08:16	0.97	0.20	0.50
C43	CHANNEL	0.00	0	00:00	0.00	0.00	0.25
C44	CONDUIT	127.19	0	08:11	1.40	0.85	1.00
C45	CONDUIT	1129.70	0	08:11	3.36	0.41	0.44
C46	CONDUIT	326.44	0	08:12	2.72	0.40	0.44
C47	CONDUIT	370.81	0	08:12	1.59	0.56	0.77
C48	CHANNEL	461.56	0	08:56	0.53	0.19	0.55
C49	CHANNEL	725.98	0	08:14	0.62	0.17	0.63
C50	CHANNEL	770.24	0	08:15	0.76	0.37	0.58
C51	CONDUIT	456.19	0	09:02	1.74	0.37	0.43
C53	CONDUIT	1320.58	0	08:10	3.80	1.09	0.74
C54	CONDUIT	1311.98	0	08:09	3.03	1.16	0.96
P-11057_1	CONDUIT	1240.91	0	08:10	5.46	0.67	0.79
P-11057_2	CONDUIT	1236.58	0	08:12	4.07	0.96	0.94
P-20005_1	CONDUIT	29.92	0	08:10	1.62	0.86	0.57
P-20005_2	CONDUIT	0.00	0	00:00	0.00	0.00	0.24
C71	CONDUIT	32.42	0	08:10	0.95	0.52	0.48
C72	CONDUIT	40.30	0	08:10	1.21	0.21	0.51
C73	CONDUIT	0.19	0	09:12	0.03	0.00	0.23
P-7037_1	CONDUIT	482.66	0	08:11	2.31	0.50	0.48
C74	CONDUIT	232.58	0	08:08	4.61	0.43	0.57
C76	CONDUIT	500.37	0	08:12	3.82	0.25	0.34
C77	CONDUIT	500.41	0	08:12	4.22	0.18	0.31
C78	CONDUIT	500.45	0	08:11	5.01	0.15	0.28
C79	CONDUIT	500.48	0	08:11	4.41	0.33	0.35
C80	CONDUIT	0.00	0	00:00	0.00	0.00	0.18
P-53116_1	CONDUIT	88.32	0	08:10	2.27	0.23	0.29
P-53116_2	CONDUIT	88.29	0	08:10	1.50	0.14	0.40
C81	CONDUIT	16.00	0	08:10	1.23	0.39	0.43
C84	CONDUIT	533.66	0	08:15	2.89	0.49	0.62
C85	CONDUIT	533.66	0	08:15	5.06	0.31	0.44
C86	CONDUIT	320.11	0	00:00	1.31	1.08	1.00
C87	CONDUIT	516.61	0	00:00	1.28	1.11	1.00
C88	CONDUIT	163.68	0	08:11	2.23	0.45	0.47
C89	CONDUIT	163.74	0	08:10	2.02	0.57	0.51
C90	CONDUIT	0.00	0	00:00	0.00	0.00	0.08
C91	CONDUIT	163.72	0	08:10	2.71	0.56	0.54
C92	CONDUIT	89.92	0	09:10	2.08	0.09	0.25
C93	CONDUIT	105.70	0	09:10	2.22	0.15	0.22
C94	CONDUIT	105.70	0	09:10	2.31	0.03	0.12
C95	CONDUIT	16.64	0	12:24	2.12	1.29	1.00
C96	CONDUIT	0.00	0	00:00	0.00	0.00	0.17
C97	CONDUIT	46.23	0	08:10	1.51	0.33	1.00
C98	CONDUIT	37.31	0	08:10	1.96	0.11	0.60
C99	CONDUIT	37.32	0	08:10	1.57	0.01	0.07
C100	CONDUIT	13.82	0	08:10	1.57	0.08	0.23
C101	CONDUIT	23.53	0	08:10	1.95	0.20	0.29
C102	CONDUIT	0.00	0	00:00	0.00	0.00	0.15
C103	CONDUIT	14.58	0	08:10	1.51	0.08	0.25

C104	CONDUIT	186.27	0	08:48	3.21	0.15	0.26
C105	CONDUIT	182.10	0	08:48	3.39	0.03	0.12
C106	CONDUIT	105.86	0	08:10	1.58	0.26	0.35
C107	CONDUIT	99.41	0	08:10	1.90	0.12	0.29
C108	CONDUIT	84.22	0	08:10	2.27	0.18	0.28
C109	CONDUIT	75.77	0	08:10	2.13	0.15	0.28
C110	CONDUIT	15.24	0	08:10	1.85	0.21	0.31
C111	CONDUIT	13.04	0	08:10	1.64	0.20	0.30
C112	CONDUIT	6.95	0	08:10	0.62	0.02	0.12
C113	CONDUIT	129.76	0	08:10	5.09	0.01	0.07
C114	CONDUIT	62.80	0	08:10	1.93	0.15	0.26
C115	CONDUIT	40.70	0	08:10	1.24	0.15	0.26
C116	CONDUIT	40.74	0	08:10	1.20	0.16	0.27
C117	CONDUIT	23.96	0	08:10	0.87	0.12	0.23
C118	CONDUIT	12.75	0	08:10	1.13	0.32	0.39
C119	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C120	CONDUIT	0.00	0	00:00	0.00	0.00	0.11
C121	CONDUIT	89.92	0	09:10	2.84	0.09	0.20
C122	CONDUIT	85.09	0	09:10	3.13	0.11	0.23
C123	CONDUIT	51.04	0	08:10	1.47	0.14	0.62
C124	CONDUIT	51.05	0	08:10	2.27	0.39	0.36
C125	CONDUIT	21.56	0	08:10	1.02	0.10	0.34
C126	CONDUIT	11.20	0	08:10	1.75	0.08	0.19
C127	CONDUIT	86.38	0	08:10	2.23	0.53	0.38
C128	CHANNEL	86.21	0	08:11	0.10	0.01	0.54
C129	CONDUIT	75.60	0	08:10	1.48	0.31	0.47
C130	CONDUIT	26.47	0	08:10	1.79	0.46	0.48
C131	CONDUIT	36.69	0	08:10	1.37	0.09	0.29
C132	CONDUIT	21.79	0	08:10	1.00	0.38	0.35
C133	CONDUIT	28.79	0	08:10	1.09	0.55	0.53
C134	CONDUIT	28.74	0	08:10	1.11	0.33	0.39
C135	CONDUIT	28.70	0	08:11	0.72	0.08	0.24
C136	CONDUIT	21.49	0	08:10	1.36	0.16	0.27
C137	CONDUIT	49.91	0	08:11	0.99	0.19	0.28
C138	CONDUIT	29.55	0	08:10	2.72	0.30	0.38
C139	CONDUIT	285.72	0	08:10	1.63	0.48	0.49
C140	CONDUIT	190.21	0	08:10	1.35	0.10	0.24
C141	CONDUIT	126.54	0	08:10	1.33	0.30	0.37
C142	CONDUIT	89.46	0	08:10	1.39	0.25	0.34
C143	CONDUIT	37.26	0	08:10	1.03	0.17	0.28
C144	CONDUIT	86.84	0	07:32	0.70	0.25	1.00
C145	CONDUIT	14.23	0	08:10	0.79	0.01	0.06
C146	CONDUIT	11.22	0	08:10	1.22	0.24	0.33
C147	CONDUIT	6.85	0	08:10	0.75	0.24	0.33
C148	CONDUIT	102.75	0	08:10	2.23	0.14	0.27
C149	CONDUIT	14.69	0	08:10	0.58	0.04	0.22
C150	CONDUIT	78.11	0	08:10	1.93	0.13	0.24
C151	CONDUIT	122.85	0	08:10	2.50	0.17	0.28
C152	CONDUIT	421.39	0	08:45	2.63	0.13	0.58
C153	CONDUIT	13.49	0	08:11	0.74	0.11	0.22
C154	CONDUIT	0.00	0	00:00	0.00	0.00	0.09
C155	CONDUIT	13.15	0	08:10	0.85	0.16	0.27
C156	CONDUIT	13.55	0	08:10	0.86	0.16	0.27
C157	CONDUIT	8.94	0	08:10	0.67	0.09	0.24
C158	CONDUIT	20.35	0	08:10	1.23	0.18	0.28
C159	CONDUIT	54.99	0	08:10	1.42	0.46	0.74
C160	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C161	CONDUIT	132.03	0	08:11	1.03	0.40	0.46
C162	CONDUIT	68.74	0	08:10	1.27	0.91	0.72
C163	CONDUIT	63.99	0	08:11	1.08	0.29	0.40
C164	CONDUIT	28.24	0	08:10	1.08	0.55	0.53
C165	CONDUIT	28.14	0	08:11	1.01	0.36	0.41
C166	CONDUIT	23.83	0	08:10	1.21	0.26	0.32
C167	CONDUIT	23.84	0	08:10	0.96	0.51	0.50
C168	CONDUIT	14.85	0	08:10	2.41	0.14	0.25
C169	CONDUIT	15.73	0	08:10	1.12	0.43	0.46
C170	CONDUIT	108.62	0	08:11	1.48	0.72	0.63
C171	CONDUIT	84.64	0	08:10	1.78	0.74	0.64
C172	CONDUIT	56.95	0	08:10	1.80	0.44	0.62
C173	CONDUIT	35.88	0	08:10	1.50	0.51	0.49
C174	CONDUIT	20.19	0	08:10	1.04	0.66	0.59
C175	CONDUIT	35.93	0	08:10	1.28	0.20	0.30
C176	CONDUIT	19.33	0	08:10	0.93	0.07	0.24
C177	CONDUIT	19.40	0	08:10	1.18	0.22	0.28
C178	CONDUIT	0.00	0	00:00	0.00	0.00	0.20
C179	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C180	CONDUIT	58.95	0	08:10	1.63	0.28	0.36
C181	CONDUIT	14.65	0	08:11	0.67	0.30	0.35
C180_1	CONDUIT	20.61	0	08:10	1.10	0.22	0.59

C180_2	CONDUIT	39.53	0	08:10	1.38	1.05	0.86
C182	CONDUIT	24.77	0	08:11	0.86	0.22	0.31
C183	CONDUIT	24.77	0	08:11	0.40	0.04	0.57
C184	CONDUIT	16.74	0	08:57	1.14	0.15	0.26
C185	CONDUIT	24.91	0	08:10	2.36	0.29	0.37
C186	CONDUIT	0.00	0	00:00	0.00	0.00	0.28
C187	CONDUIT	14.02	0	08:10	1.24	0.32	0.39
C188	CONDUIT	21.84	0	08:10	0.83	0.42	0.53
C189	CONDUIT	52.21	0	08:10	1.39	0.50	0.52
C190	CONDUIT	142.76	0	08:10	1.74	0.52	0.51
C191	CONDUIT	95.31	0	08:10	2.76	0.26	0.35
C192	CONDUIT	238.03	0	08:10	1.55	0.03	0.56
C193	CONDUIT	86.97	0	08:10	3.05	0.35	0.42
C194	CONDUIT	0.00	0	00:00	0.00	0.00	0.22
C195	CONDUIT	71.72	0	08:10	2.15	0.54	0.48
C196	CONDUIT	142.76	0	08:10	3.26	0.35	0.42
C197	CONDUIT	123.27	0	08:10	3.10	0.29	0.39
C198	CONDUIT	89.32	0	11:25	0.56	0.44	1.00
C199	CONDUIT	89.32	0	11:26	2.92	0.13	0.25
P-48001_1	CONDUIT	124.28	0	08:10	1.33	0.67	0.57
P-48001_2	CONDUIT	124.28	0	08:10	2.27	0.61	0.38
C201	CONDUIT	37.59	0	08:10	1.82	0.40	0.72
C202	CONDUIT	16.43	0	08:10	0.88	0.29	0.40
C203	CONDUIT	0.00	0	00:00	0.00	0.00	0.16
C204	CONDUIT	0.00	0	00:00	0.00	0.00	0.14
C205	CONDUIT	38.08	0	08:10	1.94	0.26	0.42
C206	CONDUIT	39.67	0	08:10	2.56	0.49	0.49
C207	CONDUIT	77.71	0	08:10	2.56	0.36	0.44
C208	CONDUIT	104.85	0	08:10	1.33	0.02	0.15
C210	CONDUIT	76.01	0	08:10	2.00	0.84	0.72
C211	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C212	CONDUIT	0.00	0	00:00	0.00	0.00	0.13
C213	CONDUIT	16.74	0	08:58	0.71	0.11	0.52
C216	CONDUIT	24.46	0	08:10	1.49	0.31	0.37
C217	CONDUIT	0.00	0	00:00	0.00	0.00	0.20
C218	CONDUIT	605.63	0	08:13	3.37	0.60	0.43
P-16028_1	CONDUIT	865.49	0	08:11	1.98	0.36	0.38
P-16028_2	CONDUIT	865.44	0	08:11	4.77	0.90	0.87
P-16026_2	CONDUIT	774.32	0	08:11	1.31	0.96	0.49
C220	CONDUIT	16.30	0	08:10	0.86	0.66	0.61
C221	CONDUIT	17.43	0	08:10	0.61	0.11	0.61
C222	CONDUIT	0.00	0	00:00	0.00	0.00	0.20
P-7281_1	CONDUIT	57.70	0	08:10	2.35	0.28	0.38
P-7281_2	CONDUIT	57.60	0	08:10	1.93	0.33	0.44
C226	CONDUIT	9.08	0	08:10	0.74	0.22	0.66
P-16026_3	CONDUIT	748.17	0	08:12	2.45	0.10	0.28
P-16026_5	CONDUIT	774.28	0	08:11	1.13	0.95	0.56
C227	CONDUIT	540.03	0	08:10	7.22	0.05	0.15
C228_1	CONDUIT	155.19	0	08:11	1.14	0.48	0.49
C228_2	CONDUIT	196.45	0	08:10	1.45	0.56	0.48
C229	CONDUIT	602.70	0	08:12	4.39	0.04	0.14
C228	CONDUIT	44.81	0	08:10	1.87	0.49	0.71
Q-24040	CONDUIT	168.30	0	08:10	2.21	0.28	0.48
P-47003	CONDUIT	104.74	0	08:10	1.00	0.06	0.19
OR1	ORIFICE	0.00	0	00:00			0.00
OR2	ORIFICE	0.00	0	00:00			0.00
HIGHWOOD-STAGE1	ORIFICE	144.38	0	09:02			
HIGHWOOD-STAGE2	ORIFICE	311.80	0	09:02			
FORESTER-SLATER-ORIFICE1	ORIFICE	151.69	0	08:43			1.00
OR3	ORIFICE	44.98	0	09:10			1.00
OR4	ORIFICE	16.74	0	08:56			1.00
LANCASTER_POND_ORIFICE1	ORIFICE	89.32	0	11:26			1.00
HIGHWOOD-STAGE3	ORIFICE	0.00	0	00:00			
W1	WEIR	0.00	0	00:00			0.00
W2	WEIR	146.95	0	08:15			0.29
W3	WEIR	146.95	0	08:15			0.24
BECKTON_PONDA_WEIR_1	WEIR	409.12	0	08:11			1.00
BECKTON_PONDA_WEIR_2	WEIR	72.55	0	08:11			0.04
BECKTON_PONDB_WEIR_2	WEIR	254.46	0	08:53			1.00
BECKTON_PONDC_WEIR1	WEIR	765.46	0	00:00			1.00
BECKTON_PONDB_WEIR_1	WEIR	148.12	0	00:00			0.87
BECKTON_PONDC_WEIR2	WEIR	224.16	0	08:11			0.89
BECKTON_PONDD_WEIR1	WEIR	519.21	0	08:15			0.55
BECKTON_PONDD_WEIR2	WEIR	14.46	0	08:15			0.04
BECKTON_PONDE_WEIR1	WEIR	520.12	0	08:14			1.00
BECKTON_PONDE_WEIR2	WEIR	4.43	0	08:14			0.03
FORESTER-SLATER_WEIR2	WEIR	199.31	0	08:43			0.08
SILVERSHORES_POND1_WEIR2	WEIR	40.11	0	09:10			0.03
LANCASTER_POND_WEIR2	WEIR	0.00	0	00:00			0.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	--- Dry	Fraction Up Dry	of Down Dry	Time Sub Crit	in Sup Crit	Flow Up Crit	Class Down Crit	Avg. Froude Number	Avg. Flow Change
P-10002	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.55	0.0000
P-10003	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.07	0.0000
P-10005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.92	0.0000
P-10007	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.60	0.0000
P-10006	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.95	0.0000
P-10004	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.24	0.0000
P-10015	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.47	0.0000
P-10016	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.50	0.0000
P-10017	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.48	0.0000
P-10010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.32	0.0000
P-10018	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.64	0.0000
P-10019	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.77	0.0000
P-10027	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.65	0.0000
P-10026	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.44	0.0000
P-10022	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.52	0.0000
P-10023	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-10021	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.65	0.0000
P-10020	1.00	0.00	0.00	0.00	0.00	0.14	0.00	0.86	2.01	0.0000
P-10025	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.75	0.0000
P-10030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.67	0.0000
P-10032	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.55	0.0000
P-10031	1.00	0.00	0.00	0.00	0.00	0.50	0.00	0.49	2.89	0.0000
P-10033	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.21	0.0000
P-10034	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.24	0.0000
P-10040	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.10	0.0000
P-10041	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.70	0.0000
C70	1.00	0.00	0.00	0.00	0.00	0.95	0.00	0.04	1.76	0.0000
P-10045	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.69	0.0000
P-10053	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.97	0.0000
P-10055	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.58	0.0000
P-10056	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.74	0.0000
P-10057	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.68	0.0000
P-10035	1.00	0.00	0.00	0.00	0.22	0.78	0.00	0.00	0.99	0.0000
P-10037	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.82	0.0000
P-10036	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.98	0.0004
P-10038	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	3.26	0.0000
P-10039	1.00	0.01	0.00	0.00	0.00	0.07	0.00	0.92	3.35	0.0000
P-10052	1.00	0.00	0.00	0.00	0.02	0.00	0.00	0.97	0.84	0.0000
P-10050	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.0000
P-10051	1.00	0.00	0.00	0.00	0.93	0.07	0.00	0.00	0.93	0.0000
P-10042	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.63	0.0000
C69	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.28	0.0000
P-12000	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.0000
P-12001	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.75	0.0000
P-12002	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.33	0.0001
P-12005	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.61	0.0000
P-13000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.0000
P-13001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.90	0.0001
P-13002	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.62	0.0000
P-13003	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.32	0.0000
P-13004	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.24	0.0000
P-13010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.14	0.0000
P-13011	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.22	0.0000
P-13015	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.28	0.0000
P-13025	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.35	0.0000
P-13005	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.20	0.0000
P-14000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.0000
P-14001	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.38	0.0000
P-14002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.76	0.0000
P-14003	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.23	0.0000
P-14004	1.00	0.00	0.00	0.00	0.05	0.94	0.00	0.00	1.25	0.0000
P-15005	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.0000
P-15000	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.58	0.0000
P-15001	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.27	0.0000
P-18000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.77	0.0000
P-18005	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.44	0.0000
P-18001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.78	0.0000
P-18010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.27	0.0000

P-18011	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.75	0.0000
P-20000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.36	0.0000
P-20001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.67	0.0000
P-20002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.16	0.0000
C68	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.21	0.0000
P-20006	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.0000
P-20003	1.00	0.01	0.00	0.00	0.00	0.17	0.00	0.82	2.58	0.0000
P-20011	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.87	0.0000
P-20012	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.39	0.0000
P-20013	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.0000
P-20010	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.01	0.0000
P-20015	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.56	0.0000
C63	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.38	0.0000
C64	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.32	0.0029
C65	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.26	0.0000
P-20021	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.98	0.0000
P-20020	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.18	0.0000
P-20022	1.00	0.00	0.00	0.00	0.01	0.25	0.00	0.74	2.17	0.0000
P-20030	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	2.45	0.0000
P-20035	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.83	0.0000
P-20040	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.71	0.0000
P-10001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.57	0.0000
P-10000	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.75	0.0000
P-9005	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.97	0.0000
P-9010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.72	0.0000
P-9001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.42	0.0000
P-9000	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.89	0.0000
P-8016	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.19	0.0000
P-8015	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.93	0.0000
P-8020	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.56	0.0000
P-8011	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.07	0.0000
P-8010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.53	0.0000
P-8002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.74	0.0000
P-8000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.45	0.0000
P-8001	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.89	0.0000
P-8006	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.46	0.0000
P-8005	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.0000
P-6002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.29	0.0000
P-6001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.29	0.0000
P-6000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.73	0.0000
P-7006	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.65	0.0000
P-7003	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.61	0.0000
P-7005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.40	0.0000
P-5011	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.27	0.0000
P-5010	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.35	0.0000
P-5012	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.82	0.0000
P-5030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.47	0.0000
P-5016	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.37	0.0000
P-5015	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.64	0.0000
P-5021	1.00	0.00	0.00	0.00	0.00	0.01	0.00	0.99	2.33	0.0000
P-5020	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.60	0.0000
P-5013	1.00	0.01	0.00	0.00	0.03	0.96	0.00	0.00	1.05	0.0000
P-5031	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.59	0.0000
P-5017	1.00	0.00	0.00	0.00	0.07	0.92	0.00	0.00	1.34	0.0000
P-5026	1.00	0.00	0.00	0.00	0.07	0.01	0.00	0.92	2.06	0.0000
P-5025	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.74	0.0000
P-5022	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.76	0.0000
P-5032	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.06	0.0000
P-5027	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.62	0.0000
P-5006	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.59	0.0001
P-5005	1.00	0.00	0.00	0.00	0.03	0.96	0.00	0.00	1.33	0.0000
P-5003	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.20	0.0000
P-5002	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.89	2.13	0.0000
P-5001	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.92	0.0000
P-5000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.15	0.0000
P-4000	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	1.14	0.0000
P-3000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.67	0.0000
P-3001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	4.57	0.0000
P-2000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.92	0.0000
P-2001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.91	0.0000
P-1000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.80	0.0000
P-2002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.39	0.0000
P-1001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	5.75	0.0000
P-54017	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.52	0.0000
P-54016	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.47	0.0000
P-54015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.0000
P-52001	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-48002	1.00	0.00	0.00	0.00	0.79	0.20	0.00	0.00	0.96	0.0000
P-49002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.08	0.0000

C209	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.60	0.0000
P-49000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86	0.0000
C200	1.00	0.00	0.00	0.00	0.77	0.22	0.00	0.00	0.87	0.0001
P-48000	1.00	0.00	0.00	0.00	0.81	0.00	0.00	0.19	0.82	0.0000
P-48005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.28	0.0000
P-47015	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.26	0.0000
P-47011	1.00	0.00	0.00	0.00	0.85	0.00	0.00	0.15	0.24	0.0000
P-47016	1.00	0.01	0.00	0.00	0.45	0.20	0.00	0.35	1.06	0.0000
P-47020	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.58	0.0000
P-47010	1.00	0.00	0.00	0.00	0.80	0.00	0.00	0.19	0.65	0.0000
P-47004	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.50	0.0000
P-47006	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.59	0.0000
P-47005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.22	0.0000
P-47001	1.00	0.00	0.00	0.00	0.84	0.15	0.00	0.00	0.97	0.0000
P-47000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000
P-46002	1.00	0.00	0.00	0.00	0.84	0.15	0.00	0.00	0.59	0.0000
P-46001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.69	0.0000
P-46000	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.89	2.72	0.0000
P-45002	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.02	0.20	0.0000
P-45005	1.00	0.00	0.00	0.00	0.94	0.06	0.00	0.00	0.90	0.0000
P-45001	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.12	0.0000
P-45000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.12	0.0000
P-44000	1.00	0.00	0.00	0.00	0.95	0.04	0.00	0.00	0.38	0.0000
P-43001	1.00	0.00	0.00	0.00	0.85	0.15	0.00	0.00	0.62	0.0000
P-43005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.39	0.0000
P-43010	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.12	0.0000
P-43000	1.00	0.00	0.00	0.00	0.00	0.07	0.00	0.92	1.64	0.0000
P-42002	1.00	0.01	0.00	0.00	0.85	0.15	0.00	0.00	0.52	0.0000
P-42001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.46	0.0000
P-42000	1.00	0.00	0.00	0.00	0.01	0.00	0.00	0.99	0.98	0.0000
P-41002	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.10	0.0001
P-41001	1.00	0.00	0.00	0.00	0.81	0.00	0.00	0.19	0.29	0.0000
P-41000	1.00	0.00	0.00	0.00	0.69	0.00	0.00	0.30	0.37	0.0003
P-40010	1.00	0.00	0.00	0.00	0.80	0.20	0.00	0.00	0.88	0.0000
P-40017	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.82	0.0000
P-40016	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.53	0.0000
P-40015	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.25	0.0000
P-40003	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000
P-40005	1.00	0.00	0.00	0.00	0.12	0.00	0.00	0.88	0.89	0.0000
P-40002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.53	0.0000
P-40001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.75	0.0000
P-40000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.0000
P-39061	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.93	0.0000
P-39060	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.16	0.0000
P-39045	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.07	0.0000
P-39036	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.80	0.0000
P-39035	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.92	0.0000
P-39040	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.22	0.0000
P-39050	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.92	0.0000
P-39009	1.00	0.00	0.00	0.00	0.00	0.33	0.00	0.66	3.21	0.0000
P-39025	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	1.06	0.0000
P-39030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.09	0.0000
P-39021	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.88	0.0000
P-39020	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.68	0.0000
P-39011	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.46	0.0000
P-39015	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.81	0.0000
P-39010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.32	0.0000
P-39008	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-39007	1.00	0.00	0.00	0.00	0.00	0.07	0.00	0.93	2.84	0.0000
P-39006	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.59	0.0000
P-39005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.05	0.0000
P-39076	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.13	0.0000
P-39080	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.97	1.11	0.0000
P-39075	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	1.03	0.0000
P-39055	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-39004	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.28	0.0000
P-39003	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-39002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.83	0.0000
P-39001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.32	0.0000
P-39000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.42	0.0000
P-38000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.0000
P-37003	1.00	0.01	0.00	0.00	0.07	0.93	0.00	0.00	1.25	0.0000
P-37005	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.60	0.0000
P-37002	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.79	0.0000
P-37001	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.0000
P-37000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.17	0.0000
P-36050	1.00	0.00	0.00	0.00	0.00	0.25	0.00	0.75	4.16	0.0000
P-36046	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.06	0.0000
P-36045	1.00	0.00	0.00	0.00	0.00	0.24	0.00	0.76	4.23	0.0000

P-36035	1.00	0.00	0.00	0.00	0.00	0.14	0.00	0.85	2.90	0.0000
P-36025	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.88	4.30	0.0000
P-36017	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.15	0.0000
P-36016	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.22	0.0000
P-36015	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.49	0.0000
P-36005	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.98	1.59	0.0000
P-36060	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.12	0.0000
P-36040	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.23	0.0000
P-36031	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.21	0.0000
P-36030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.33	0.0000
P-36020	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.64	0.0000
P-36010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.61	0.0000
P-36002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.87	0.0000
P-36001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.28	0.0000
P-36000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.51	0.0000
P-35005	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-35006	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.27	0.0000
P-35004	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.90	0.0000
P-35003	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.41	0.0000
P-35002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.25	0.0000
P-35001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.98	0.0000
P-35000	1.00	0.00	0.00	0.00	0.11	0.89	0.00	0.00	1.03	0.0000
P-33002	1.00	0.00	0.00	0.00	0.10	0.90	0.00	0.00	1.37	0.0001
P-33001	1.00	0.00	0.00	0.00	0.20	0.79	0.00	0.00	0.93	0.0001
P-33000	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.83	0.0001
P-32070	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.0000
P-32020	1.00	0.00	0.00	0.00	0.11	0.00	0.00	0.88	0.90	0.0000
P-32006	1.00	0.00	0.00	0.00	0.95	0.04	0.00	0.00	0.96	0.0000
P-32005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.36	0.0000
P-32087	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.64	0.0000
P-32086	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.51	0.0000
P-32082	1.00	0.01	0.00	0.00	0.00	0.15	0.00	0.84	2.77	0.0000
P-32081	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.60	0.0000
P-32080	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.73	0.0000
P-32085	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.20	0.0000
P-32050	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.70	0.0005
P-32075	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.51	0.0000
P-32065	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.60	0.0000
P-32056	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.36	0.0000
P-32061	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.17	0.0000
P-32060	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.16	0.0000
P-32055	1.00	0.00	0.00	0.00	0.55	0.44	0.00	0.00	0.99	0.0000
P-32032	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-34010	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.0000
C32	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	4.24	0.0000
P-34005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.74	0.0000
P-34001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.86	0.0000
C33	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-32040	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.78	0.0000
C34	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.16	0.0000
P-32045	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.46	0.0000
P-32031	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.93	0.0001
P-32030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.48	0.0000
P-32015	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.52	0.0000
P-32007	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.90	0.0001
P-32025	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.89	0.0000
P-32010	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.91	0.0000
P-32002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.70	0.0000
P-32001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.59	0.0000
P-32000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.57	0.0000
P-31001	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.17	0.0000
P-31000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.65	0.0000
C31	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.35	0.0000
P-30003	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.78	0.0000
P-30002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.07	0.0000
P-30001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.83	0.0000
P-30000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.42	0.0000
P-29005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.0000
P-29002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.79	0.0000
P-29001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	0.0000
P-29000	1.00	0.00	0.00	0.00	0.04	0.95	0.00	0.00	1.13	0.0000
P-28001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-28000	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.58	0.0000
P-27001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.78	0.0000
P-27000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.14	0.0000
P-27010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.68	0.0000
P-27002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.27	0.0000
P-27006	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.12	0.0000
P-27005	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.10	0.0000

P-26003	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.69	0.0000
P-26002	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.55	0.0000
P-26001	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.16	0.0000
P-26000	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.23	0.0000
P-25001	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	5.89	0.0000
P-25000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.02	0.0000
P-25005	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.07	0.0000
P-23010	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.0000
P-23002	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.77	0.0000
P-23005	1.00	0.00	0.00	0.00	0.10	0.00	0.00	0.90	0.91	0.0000
P-23001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.21	0.0000
P-23000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.10	0.0000
P-22003	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.69	0.0000
P-22005	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-22002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.90	0.0000
P-22001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.32	0.0000
P-22000	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.08	0.0000
P-21002	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.84	0.0000
P-21005	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-21011	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.84	0.0000
P-21010	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.63	0.0000
P-21001	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.40	0.0000
P-21000	1.00	0.00	0.00	0.00	0.23	0.77	0.00	0.00	0.99	0.0000
P-7045	1.00	0.00	0.01	0.00	0.00	0.00	0.98	0.00	0.38	0.0000
P-7044	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.67	0.0000
P-7043	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.70	0.0000
P-7038	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.65	0.0000
P-7041	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.12	0.0000
P-7040	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.87	0.0000
C75	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.05	0.0000
P-7030	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-7035	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.19	0.0000
P-7036	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.97	0.0000
P-7029	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.47	0.0000
P-7028	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.0000
P-7027	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.0000
P-7026	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.41	0.0000
P-7025	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.48	0.0000
P-7325	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.63	0.0000
P-7328	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.44	0.0000
P-7329	1.00	0.00	0.00	0.00	0.00	0.12	0.00	0.88	1.77	0.0000
P-7276	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.29	0.0000
P-7351	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.22	0.0000
P-7350	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.56	0.0005
P-7270	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.0000
P-7285	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.52	0.0000
P-7287	1.00	0.00	0.00	0.00	0.03	0.00	0.00	0.97	0.97	0.0000
P-7286	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43	0.0000
P-7011	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.46	0.0000
P-7010	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.82	0.0000
P-7012	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.27	0.0000
P-7015	1.00	0.00	0.00	0.00	0.04	0.96	0.00	0.00	1.09	0.0000
P-7016	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.31	0.0000
P-7288A	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.48	0.0000
P-7355	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.03	0.0000
P-7020	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.25	0.0001
P-7018	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.17	0.0008
P-7017	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.97	1.10	0.0000
P-7001	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.57	0.0000
P-7022	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-7000	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.52	0.0000
P-7046	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.32	0.0000
P-7045A	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.82	0.0000
P-7117	1.00	0.00	0.00	0.00	0.04	0.95	0.00	0.00	1.06	0.0000
P-7116	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.69	0.0000
P-7115	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.15	0.0000
P-7112	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.83	0.0000
P-7111	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.53	0.0000
P-7110	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.09	0.0000
P-7101	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.86	0.0000
P-7100	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.95	0.0000
C14	1.00	0.01	0.00	0.00	0.96	0.00	0.03	0.00	0.53	0.0000
P-7120	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.57	0.0000
P-7105	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.12	0.0000
P-7069	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.62	0.0000
P-7103	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.86	0.0000
P-7102	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.49	0.0000
P-7097	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.37	0.0000
P-7096	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.64	0.0000

P-7095	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.79	0.0000
P-7087	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.12	0.0000
P-7092	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.06	0.0000
P-7091	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.80	0.0000
P-7090	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.26	0.0000
P-7080	1.00	0.00	0.00	0.00	0.00	0.06	0.00	0.94	2.56	0.0000
P-7086	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.52	0.0000
P-7085	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.63	0.0000
P-7078	1.00	0.00	0.00	0.00	0.00	0.12	0.00	0.88	3.36	0.0000
P-7081	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.85	0.0000
P-7082	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.91	0.0000
P-7077	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.11	0.0000
P-7076	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000
P-7073	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.65	0.0000
P-7075	1.00	0.00	0.00	0.00	0.00	0.12	0.00	0.88	1.80	0.0000
P-7074	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.62	0.0000
P-7072	1.00	0.00	0.00	0.00	0.00	0.13	0.00	0.86	1.48	0.0000
P-7071	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.61	0.0000
P-7070	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.34	0.0000
P-7068	1.00	0.00	0.00	0.00	0.06	0.93	0.00	0.00	1.13	0.0000
P-7066	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.02	0.0000
P-7067	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.22	0.0000
P-7063	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.67	0.0000
P-7065	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.20	0.0000
P-7062	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000
P-7061	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.37	0.0000
P-7057	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.26	0.0000
P-7060	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.32	0.0000
P-7107A	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.20	0.0000
P-7056	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.29	0.0000
P-7054	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.23	0.0000
P-7172_2	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.81	0.0000
P-7055	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.30	0.0000
P-7053	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.08	0.0000
P-7151	1.00	0.00	0.00	0.00	0.80	0.19	0.00	0.00	0.98	0.0000
P-7150	1.00	0.00	0.00	0.00	0.22	0.78	0.00	0.00	1.01	0.0000
P-7051	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.06	0.0000
P-7052	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.36	0.0000
P-7050	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.0000
P-7047	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.60	0.0000
P-17050	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.14	0.0000
P-17133	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.35	0.0000
P-24046	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.89	2.18	0.0000
P-50106	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.95	0.0000
C83	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.97	0.0000
P-54018	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.35	0.0000
P-54060	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.08	0.0000
P-54070	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.38	0.0000
P-54075	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.77	0.0000
P-17040	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.41	0.0000
P-17039	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.33	0.0000
P-17038	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.32	0.0000
P-17036	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.41	0.0000
P-17035	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.29	0.0000
P-17026	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.43	0.0000
P-17025	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.22	0.0000
P-17020	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.52	0.0000
P-17022	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.30	0.0000
P-17132	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.87	0.0001
P-17131	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.66	0.0000
P-17130	1.00	0.00	0.00	0.00	0.79	0.21	0.00	0.00	0.92	0.0000
P-17127	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.49	0.0000
P-17136	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.53	0.0000
P-17137	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.22	0.0000
C60	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C59	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.0000
C58	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.08	0.0000
P-24040	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-24030	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.95	0.0000
P-24035	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.16	0.0000
P-24020	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.25	0.0000
P-24026	1.00	0.11	0.00	0.00	0.00	0.08	0.00	0.81	2.39	0.0000
P-7163	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.86	0.0000
P-7163A	1.00	0.24	0.66	0.00	0.00	0.11	0.00	0.00	0.27	0.0000
P-24010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.27	0.0000
P-24015	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.60	0.0000
P-24002	1.00	0.01	0.00	0.00	0.00	0.09	0.00	0.91	2.86	0.0000
P-50110	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.42	0.0000
P-50107	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4.08	0.0000

P-50115	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.38	0.0000
P-50100	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.20	0.0000
P-50120	1.00	0.00	0.00	0.00	0.00	0.19	0.12	0.00	2.14	0.0000
P-50066	1.00	0.00	0.00	0.00	0.86	0.02	0.00	0.12	0.50	0.0000
P-16030	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.56	0.0000
C219	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.68	0.0000
C11	1.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	3.79	0.0000
P-7121A_1	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.83	0.0000
P-53132	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.0000
P-7180	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.71	0.0000
C82	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.77	0.0000
P-53130	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.24	0.0000
P-53125_1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.04	0.0000
P-53120	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.63	0.0000
P-53115	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.59	0.0000
P-53097	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.13	0.0000
P-54002	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.69	0.0000
P-54005	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.0000
P-54001	1.00	0.01	0.00	0.00	0.03	0.97	0.00	0.00	1.13	0.0000
P-54000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.37	0.0000
P-24025	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C6	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.97	0.0000
P-53041	1.00	0.00	0.00	0.00	0.48	0.52	0.00	0.00	0.98	0.0000
P-53066	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.31	0.0000
P-53061	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.35	0.0000
P-53070	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.51	0.0000
P-53071	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.61	0.0000
P-53075	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.51	0.0000
P-53080	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.0000
P-53200	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.44	0.0115
P-53151	1.00	0.00	0.01	0.00	0.00	0.00	0.98	0.00	0.29	0.0000
P-53081	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.01	0.35	0.0001
P-53160	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.27	0.0000
P-53168	1.00	0.00	0.00	0.00	0.97	0.00	0.00	0.03	0.36	0.0000
P-53161	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.73	0.0000
P-53175	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.74	0.0000
P-53180	1.00	0.00	0.00	0.00	0.95	0.00	0.00	0.05	0.37	0.0000
P-53155	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.27	0.0000
P-53150	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.0000
P-53110	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.35	0.0000
P-53170	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.56	0.0000
P-53167	1.00	0.00	0.00	0.00	0.09	0.04	0.00	0.86	1.10	0.0000
P-53166	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.04	0.0000
P-53165	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.93	0.0000
P-53310	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.11	0.0000
P-53316	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.0000
P-53315	1.00	0.00	0.00	0.00	0.03	0.86	0.00	0.11	1.95	0.0000
P-53320	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.86	0.0000
P-53302	1.00	0.00	0.00	0.00	0.00	0.09	0.00	0.90	3.55	0.0000
P-53305	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.57	0.0000
P-53301	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.47	0.0000
P-53300	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.30	0.0000
P-53103	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.19	0.0000
P-53102	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.99	0.0000
P-53101	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.95	0.0000
P-53105	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.19	0.0000
P-53136	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.08	0.0000
P-53140	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.08	0.0000
P-53135	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.03	0.0000
P-17021	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.25	0.0000
P-17015	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.57	0.0003
P-17006	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.25	0.0003
P-17002	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.32	0.0003
P-17005	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.23	0.0000
P-17001	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.92	0.0000
P-17000	1.00	0.00	0.00	0.00	0.77	0.22	0.00	0.00	0.98	0.0000
P-7302	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.97	2.48	0.0000
P-7301	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.50	0.0000
P-7268	1.00	0.00	0.00	0.00	0.02	0.43	0.00	0.55	1.72	0.0000
P-7273	1.00	0.00	0.00	0.00	0.00	0.05	0.00	0.95	2.85	0.0000
P-7267	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.56	0.0000
P-7265	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.50	0.0000
P-7269	1.00	0.00	0.00	0.00	0.01	0.01	0.00	0.98	1.14	0.0000
P-7271	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.46	0.0000
P-7272	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.07	0.0000
P-7266	1.00	0.00	0.00	0.00	0.08	0.36	0.00	0.55	1.57	0.0000
P-7260	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.48	0.0000
P-7261	1.00	0.00	0.00	0.00	0.06	0.74	0.00	0.19	1.73	0.0000
P-7336	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.34	0.0000

P-7335	1.00	0.00	0.00	0.00	0.24	0.76	0.00	0.00	0.99	0.0000
P-7340	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.88	1.46	0.0000
P-7339	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.22	0.0000
P-7337	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.44	0.0000
P-7338	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.02	0.0000
P-7341	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.45	0.0000
P-7343	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.19	0.0000
P-7342	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.51	0.0000
P-7332	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.02	0.0000
P-7331	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.99	0.0000
P-7330	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.24	0.0000
P-7308	1.00	0.01	0.00	0.00	0.16	0.00	0.00	0.83	1.10	0.0002
P-7327	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.19	0.0000
P-7326	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.19	0.0000
P-7306	1.00	0.00	0.00	0.00	0.07	0.92	0.00	0.00	1.75	0.0000
P-7305	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.45	0.0000
P-7300	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.64	0.0000
P-7298	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.0000
P-7309	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.96	0.0001
P-7323	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.72	0.0001
P-7322	1.00	0.00	0.00	0.00	0.15	0.84	0.00	0.00	1.50	0.0000
P-7321	1.00	0.00	0.00	0.00	0.15	0.85	0.00	0.00	2.21	0.0000
P-7320	1.00	0.00	0.00	0.00	0.07	0.93	0.00	0.00	2.51	0.0000
P-7315	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.07	0.0000
P-7314	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.95	0.0000
P-7313	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.47	0.0000
P-7312	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.47	0.0000
P-7311	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.37	0.0000
P-7310	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.56	0.0000
P-7319	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.56	0.0000
P-7318	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.69	0.0000
P-7317	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.0000
P-7316	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.40	0.0000
P-7299	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.78	0.0000
P-7295	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.44	0.0000
P-7297	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.64	0.0000
P-7296	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.0000
P-7294	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.94	0.0000
P-7293	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.90	0.0000
P-7291	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.0000
P-7292	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.64	0.0000
P-7290	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-7252	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.69	0.0000
P-7251	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.13	0.0000
P-7258	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	0.0000
P-7259	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.53	0.0000
P-7256	1.00	0.00	0.00	0.00	0.03	0.96	0.00	0.00	1.17	0.0000
P-7255	1.00	0.00	0.00	0.00	0.42	0.58	0.00	0.00	1.00	0.0000
P-7257	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.41	0.0000
P-7247	1.00	0.00	0.00	0.00	0.04	0.96	0.00	0.00	1.34	0.0000
P-7230	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.29	0.0000
P-7233	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.65	0.0000
P-7143	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.19	0.0000
P-7145	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.0000
P-7146	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.70	0.0000
P-7131	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.54	0.0000
P-7142	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.82	0.0000
P-7141	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.08	0.0000
P-7128	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.0000
P-7129	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.84	0.0000
P-7130	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-7125	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.27	0.0000
P-17065	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.38	0.0000
P-17066	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.11	0.0000
P-17067	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.10	0.0000
P-17068	1.00	0.00	0.00	0.00	0.08	0.92	0.00	0.00	2.02	0.0000
P-17070	1.00	0.00	0.00	0.00	0.10	0.01	0.00	0.89	1.27	0.0000
P-17072	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.10	0.0000
P-17071	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.81	0.0001
P-17069	1.00	0.00	0.00	0.00	0.15	0.84	0.00	0.00	1.44	0.0000
P-17054	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.36	0.0000
P-17087	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.75	0.0000
P-17095	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.85	0.0000
C23	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.96	0.0000
P-17061	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	5.11	0.0000
P-17074	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.93	0.0000
P-17090	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.66	0.0000
P-17091A	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-17092	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.25	0.0000

P-17096	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.74	0.0000
P-17160	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.50	0.0000
P-17161	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.28	0.0000
P-17162	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.78	0.0000
P-17146	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.06	0.0000
P-17142	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.65	0.0000
P-17141	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.93	0.0000
P-17140	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.83	0.0000
P-17145	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.23	0.0000
P-17147	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-17152	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.87	0.0000
P-17151	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.27	0.0000
P-17150	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.51	0.0000
P-17052	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.43	0.0000
P-17056	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.40	0.0000
C224	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.74	0.0000
P-17055	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.26	0.0000
P-17086	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	0.0000
P-17084	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.97	0.0000
P-17083	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.90	0.0000
P-17082	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.49	0.0000
P-17081	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.65	0.0000
P-17080	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.63	0.0000
P-17077	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.07	0.0000
P-17079	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.09	0.0000
P-17076	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.23	0.0000
P-17078	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.49	0.0000
P-17075	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.58	0.0000
P-17047	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.49	0.0000
P-17046	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.0000
P-17045	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.56	0.0000
P-17041	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.34	0.0000
P-17037	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.55	0.0000
P-17034	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.69	0.0000
P-17033	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.51	0.0000
P-17032	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.71	0.0000
P-17031	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.91	0.0000
P-17030	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-17106	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.06	0.0000
P-17105	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.06	0.0000
P-17051	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.20	0.0000
P-7156	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.33	0.0000
P-7148	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.59	0.0000
P-7154	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.57	0.0000
P-7153	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.67	0.0000
P-7152	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.30	0.0000
P-7147	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.67	0.0000
P-7127	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-19006	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.36	0.0000
P-19012	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	0.0000
P-19011	1.00	0.00	0.00	0.00	0.54	0.46	0.00	0.00	0.99	0.0000
P-19010	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.06	0.0000
P-19002	1.00	0.00	0.00	0.00	0.00	0.10	0.00	0.89	1.93	0.0000
P-19005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.37	0.0000
P-19001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.11	0.0000
P-19000	1.00	0.00	0.00	0.00	0.04	0.95	0.00	0.00	1.08	0.0000
P-17085	1.00	0.00	0.00	0.00	0.00	0.12	0.00	0.88	3.79	0.0000
P-17128	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.91	0.0000
C62	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.45	0.0000
C57	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.78	0.0000
C67	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.69	0.0000
C66	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.19	0.0000
P-17053A	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.59	0.0330
P-17088	1.00	0.00	0.00	0.00	0.00	0.33	0.00	0.67	2.27	0.0004
P-17053	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.35	0.0000
P-17088A	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.60	0.0002
C24	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.46	0.0000
P-17155	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.30	0.0000
P-17101	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	3.41	0.0000
P-17107	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.69	0.0000
C28	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.62	0.0000
P-17110	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.03	0.0000
P-17126	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.14	0.0000
P-17125	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.56	0.0000
P-7157	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.43	0.0000
P-7158	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.58	0.0000
P-7155	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.59	0.0000
P-24006	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.02	0.0000
P-24005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.84	0.0000

P-24001	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.87	0.0000
P-24000	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.35	0.0000
P-19125A	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.51	0.0000
P-19130	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.24	0.0000
P-19103	1.00	0.00	0.00	0.00	0.17	0.08	0.00	0.75	1.18	0.0000
P-19121	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.0001
P-19031	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.63	0.0000
P-19122	1.00	0.00	0.00	0.00	0.10	0.89	0.00	0.00	1.13	0.0000
P-19031A	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-19044A	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-19123	1.00	0.00	0.00	0.00	0.05	0.94	0.00	0.00	1.36	0.0000
P-19044	1.00	0.00	0.00	0.00	0.00	0.07	0.00	0.92	2.12	0.0000
P-19120	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.39	0.0000
P-19107	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.71	0.0000
P-19094	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.13	0.0001
P-19062	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.27	0.0000
P-19114	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.06	0.0000
P-19112	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.05	0.0000
P-19110	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.60	0.0000
P-19111	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.08	0.0000
P-19113	1.00	0.00	0.00	0.00	0.01	0.00	0.00	0.98	0.91	0.0000
P-19050	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.30	0.0000
P-19092	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.53	0.0003
P-19091	1.00	0.00	0.00	0.00	0.10	0.00	0.00	0.90	0.89	0.0003
P-19090	1.00	0.00	0.00	0.00	0.11	0.00	0.00	0.88	0.84	0.0002
P-19095	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.47	0.0001
P-19093	1.00	0.01	0.00	0.00	0.10	0.00	0.00	0.89	2.02	0.0001
P-19106	1.00	0.00	0.00	0.00	0.10	0.00	0.00	0.89	1.10	0.0003
P-19105	1.00	0.00	0.00	0.00	0.20	0.79	0.00	0.00	0.93	0.0002
P-19023	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.90	0.0000
P-19104	1.00	0.00	0.00	0.00	0.20	0.79	0.00	0.00	0.95	0.0002
P-19102	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.57	0.0001
P-19070A	1.00	0.00	0.01	0.00	0.03	0.95	0.00	0.00	1.33	0.0000
P-19023A	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.43	0.0000
P-19101	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.31	0.0001
P-19100	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.44	0.0001
P-19126	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.13	0.0000
P-19125	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.48	0.0000
P-19086	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.70	0.0000
P-19067	1.00	0.00	0.00	0.00	0.00	0.16	0.00	0.84	3.04	0.0000
P-19115	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.84	0.0000
P-19057	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.29	0.0000
P-19056	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.17	0.0000
P-19070	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.13	0.0000
P-19085	1.00	0.00	0.00	0.00	0.19	0.80	0.00	0.00	1.03	0.0000
P-19082	1.00	0.00	0.00	0.00	0.65	0.34	0.00	0.00	0.98	0.0000
P-19075	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.22	0.0000
P-19076	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.40	0.0000
P-19077	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.45	0.0000
P-19078	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.68	0.0000
P-19081	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.17	0.0000
P-19080	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.26	0.0000
P-11020A	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.52	0.0000
P-19052	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.47	0.0000
P-19051	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.45	0.0000
P-19053	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.50	0.0000
P-19055	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.47	0.0000
P-19063	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.18	0.0000
P-19064	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.64	0.0000
P-19066	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.38	0.0000
P-19065	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.82	0.0000
P-19061	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.0000
P-19060	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.35	0.0000
P-19018	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.04	0.0001
P-19019	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.38	0.0000
P-19022	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.04	0.0000
P-19021	1.00	0.00	0.00	0.00	0.67	0.33	0.00	0.00	0.89	0.0000
P-19020	1.00	0.00	0.00	0.00	0.04	0.00	0.00	0.95	1.34	0.0000
P-19045	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.37	0.0001
P-19040	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.58	0.0000
P-19042	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.91	0.0000
P-19041	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.56	0.0000
P-19043	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.67	0.0000
P-19036	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.20	0.0000
P-19035	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.30	0.0000
P-19032	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.36	0.0000
P-19030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.96	0.0000
P-19027	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.64	0.0000
P-19025	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.0000

P-19029	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.35	0.0000
P-19026	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.33	0.0000
P-19017	1.00	0.00	0.00	0.00	0.00	0.02	0.98	0.00	1.47	0.0000
C61	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.35	0.0000
P-7176	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.41	0.0000
P-7175	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.38	0.0000
P-7172_1	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.84	0.0000
P-7164	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.10	0.0000
P-7161	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-7162	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.16	0.0000
P-7159	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.81	0.0000
P-7160	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.26	0.0000
P-7135	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.07	0.0000
C52	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.97	0.0000
P-50065	1.00	0.00	0.00	0.00	0.19	0.10	0.00	0.70	1.43	0.0000
P-50064	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.78	0.0000
P-50063	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.55	0.0001
P-50062	1.00	0.00	0.00	0.00	0.00	0.15	0.00	0.84	2.57	0.0000
P-50061	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.52	0.0000
P-50060	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.99	0.0000
P-50096	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.79	0.0000
P-50095	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.36	0.0000
P-50072	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.88	0.0000
P-50071	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.79	0.0000
P-50070	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.60	0.0000
P-50085	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.90	0.0000
P-50077	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.09	0.0000
P-50080	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.11	0.0000
P-50076	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.10	0.0000
P-50075	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.70	0.0000
P-50045	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.80	0.0000
P-50055	1.00	0.01	0.00	0.00	0.00	0.00	0.09	0.90	3.14	0.0000
P-50041	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.59	0.0000
P-50040	1.00	0.00	0.00	0.00	0.17	0.82	0.00	0.00	1.00	0.0000
P-50031	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.01	0.0000
P-50030	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.68	0.0000
P-50035	1.00	0.00	0.00	0.00	0.04	0.07	0.00	0.89	2.62	0.0000
P-50050	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.52	0.0000
P-50020	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.72	0.0000
P-50017	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.89	0.0000
P-50016	1.00	0.00	0.00	0.00	0.02	0.98	0.00	0.00	1.29	0.0001
P-50015	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.67	0.0000
P-50018	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.15	0.0000
P-50025	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.37	0.0000
P-50026	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.98	0.0000
P-50027	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.77	0.0000
P-50028	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.97	3.02	0.0000
P-50011	1.00	0.00	0.00	0.00	0.26	0.74	0.00	0.00	0.98	0.0000
P-50010	1.00	0.00	0.00	0.00	0.11	0.00	0.00	0.88	0.96	0.0000
P-50001	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.0000
P-50005	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-50000	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.98	0.0000
P-24057	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.63	0.0000
P-24056	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.22	0.0000
P-24055	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.28	0.0000
P-24050	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.52	0.0000
P-24065	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.03	0.0000
P-24060	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.35	0.0000
P-24075	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.45	0.0000
P-24070	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.0000
P-24087	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.35	0.0000
P-24086	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.54	0.0000
P-24085	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86	0.0000
P-24080	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.0000
P-24090	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.70	0.0000
P-24091	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.26	0.0000
P-24105	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.33	0.0000
P-24095	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.38	0.0000
P-24100	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.94	0.0000
P-24045	1.00	0.00	0.00	0.00	0.17	0.83	0.00	0.00	1.06	0.0000
P-7167	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.12	0.0000
P-7168	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.61	0.0000
C12	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.99	0.0000
P-7171	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.80	0.0000
C10	1.00	0.24	0.00	0.00	0.00	0.00	0.00	0.76	0.35	0.0000
P-7165	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.96	0.0000
P-7136	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.52	0.0000
P-16032	1.00	0.00	0.00	0.00	0.93	0.06	0.00	0.00	0.70	0.0000
P-16027	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.85	0.0000

P-16026_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.62	0.0000
P-16035	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.23	0.0000
P-16041	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.97	0.0000
P-16040	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.83	0.0000
P-16036	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.56	0.0000
P-51022	1.00	0.00	0.00	0.00	0.98	0.00	0.00	0.01	0.76	0.0000
P-51021	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.73	0.0000
P-51020	1.00	0.00	0.00	0.00	0.11	0.02	0.00	0.87	1.02	0.0000
P-51026	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.50	0.0000
P-51025	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.26	0.0000
P-51015	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.01	0.0000
P-51001	1.00	0.00	0.00	0.00	0.22	0.00	0.00	0.78	0.91	0.0000
P-51035	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.08	0.0000
P-51005	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.22	0.0000
P-51027	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.41	0.0000
P-51035A	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.89	1.91	0.0000
P-51030	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33	0.0000
P-51040	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.12	0.0000
P-51023	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.96	0.0000
P-51010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.14	0.0000
P-51010A	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-51041	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.65	0.0000
P-50149	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.14	0.0000
P-50148	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.09	0.0000
P-50147	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.89	0.0000
P-50146	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.27	0.0000
P-50141	1.00	0.00	0.00	0.00	0.73	0.09	0.00	0.17	0.85	0.0000
P-50140	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.11	0.0000
P-50132	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.38	0.0000
P-50135	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.18	0.0000
P-50131	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.97	0.0000
P-50130	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.47	0.0000
P-50105	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.82	0.0000
P-7166	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.95	0.0000
P-7170	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.35	0.0000
P-53096	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.17	0.0000
P-53095	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.25	0.0000
P-53090	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.41	0.0000
P-53089	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.63	0.0000
P-53088	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.30	0.0000
P-53087	1.00	0.00	0.00	0.00	0.07	0.93	0.00	0.00	1.07	0.0000
P-53086	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.79	0.0000
P-53085	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.23	0.0000
P-53047	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.56	0.0000
P-53041A	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	4.09	0.0000
P-53040	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.95	0.0000
P-16015A	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.75	0.0000
C215	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.25	0.0000
P-53046	1.00	0.00	0.00	0.00	0.00	0.08	0.00	0.92	2.68	0.0000
P-53045	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.42	0.0000
P-53030	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.79	0.0000
P-53035	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.23	0.0000
P-53020	1.00	0.00	0.00	0.00	0.34	0.66	0.00	0.00	0.99	0.0000
P-53025	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.43	0.0000
P-53013	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.83	0.0000
P-53015	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.64	0.0000
P-53012	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.91	0.0000
P-53011	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.71	0.0000
P-53010	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.64	0.0000
C5	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-53004	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.67	0.0000
P-53003	1.00	0.00	0.00	0.00	0.92	0.08	0.00	0.00	0.87	0.0000
P-53002	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.42	0.0000
P-53001	1.00	0.00	0.00	0.00	0.11	0.89	0.00	0.00	1.02	0.0000
P-53000	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.85	0.0000
P-11037	1.00	0.00	0.00	0.00	0.19	0.81	0.00	0.00	1.06	0.0000
P-11036	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.0000
P-11038	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.0000
P-11035	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.23	0.0000
P-11011	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.01	0.0000
P-11010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.81	0.0000
P-11007	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.32	0.0000
P-11003	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.58	0.0000
P-11006	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.25	0.0000
P-11002	1.00	0.00	0.00	0.00	0.77	0.22	0.00	0.00	0.76	0.0001
P-11005	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.28	0.0000
P-11001	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.24	0.0001
P-11000	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.73	0.0002
P-11017	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.97	0.0000

P-11020	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.98	0.0000
P-11021	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.01	1.41	0.0000
P-11015	1.00	0.00	0.19	0.00	0.45	0.36	0.00	0.00	0.70	0.0000
P-11012	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.70	0.0000
P-11013	1.00	0.00	0.00	0.00	0.21	0.00	0.00	0.78	0.99	0.0000
P-11031	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-11030	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.71	0.0001
P-11016	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.25	0.0000
P-11025	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.33	0.0000
P-11032	1.00	0.85	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-11045	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.80	0.0000
P-11026	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.57	0.0000
P-11033	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.77	0.0000
P-11046	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.28	0.0000
P-11047	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	4.02	0.0000
P-11048	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.73	0.0000
P-11050	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.36	0.0000
C225	1.00	0.00	0.00	0.00	0.92	0.07	0.00	0.00	0.50	0.0000
P-11051	1.00	0.00	0.00	0.00	0.41	0.59	0.00	0.00	0.99	0.0000
P-11040	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.89	0.0000
P-11034	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.70	0.0000
P-11041	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	4.12	0.0000
P-11056	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.15	0.0000
P-11055	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.86	0.0000
C56	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.02	0.0001
C55	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.96	0.0000
P-16023	1.00	0.01	0.00	0.00	0.01	0.98	0.00	0.00	1.05	0.0000
C214	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.22	0.0000
P-16022	1.00	0.00	0.00	0.00	0.13	0.87	0.00	0.00	1.12	0.0000
P-16021	1.00	0.00	0.00	0.00	0.40	0.59	0.00	0.00	0.99	0.0000
P-16008	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.48	0.0000
P-16020	1.00	0.00	0.00	0.00	0.20	0.79	0.00	0.00	0.99	0.0000
P-16016	1.00	0.00	0.00	0.00	0.77	0.22	0.00	0.00	0.96	0.0000
P-16001	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.27	0.0000
P-16000	1.00	0.01	0.00	0.00	0.95	0.05	0.00	0.00	0.93	0.0000
P-16007	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.27	0.0000
P-16006	1.00	0.00	0.00	0.00	0.05	0.94	0.00	0.00	1.53	0.0000
P-16005	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.35	0.0000
P-16009	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.45	0.0000
P-16011	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.45	0.0000
P-16010	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.64	0.0000
P-16025	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.39	0.0000
P-16031	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.38	0.0000
P-7282	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.22	0.0000
P-7275	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	3.09	0.0000
P-7182	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.68	0.0000
C223	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-7280	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.14	0.0000
P-7181	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.20	0.0000
P-7137	1.00	0.00	0.00	0.00	0.10	0.89	0.00	0.00	1.02	0.0000
P-7237	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.48	0.0000
P-7236	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.36	0.0000
P-7235	1.00	0.00	0.00	0.00	0.26	0.74	0.00	0.00	1.02	0.0000
P-7232	1.00	0.00	0.00	0.00	0.23	0.76	0.00	0.00	1.03	0.0000
P-7231	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.74	0.0000
P-7229	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.11	0.0000
P-7220	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.83	0.0000
P-7248	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.14	0.0000
P-7246	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.84	0.0000
P-7243	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.19	0.0000
P-7245	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.84	0.0000
P-7242	1.00	0.00	0.00	0.00	0.00	0.12	0.00	0.88	2.47	0.0000
P-7241	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.68	0.0000
P-7240	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.69	0.0000
P-7227	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.71	0.0000
P-7226	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.27	0.0000
P-7225	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.39	0.0000
P-7228	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.62	0.0000
P-7211	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.51	0.0000
P-7209	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.42	0.0000
P-7210	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.27	0.0000
P-7219	1.00	0.00	0.00	0.00	0.98	0.01	0.00	0.00	0.87	0.0000
P-7218	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.10	0.0000
P-7217	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.54	0.0000
P-7216	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.13	0.0000
P-7215	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.03	0.0000
P-7208	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.79	0.0000
P-7207	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.83	0.0000
P-7206	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.23	0.0000

P-7205	1.00	0.00	0.00	0.00	0.14	0.85	0.00	0.00	1.01	0.0000
P-7198	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.38	0.0000
P-7201	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.32	0.0000
P-7202	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.73	0.0000
P-7200	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.56	0.0000
P-7196	1.00	0.00	0.00	0.00	0.04	0.95	0.00	0.00	1.25	0.0001
P-7197	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.29	0.0001
P-7195	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.69	0.0001
P-7194	1.00	0.00	0.00	0.00	0.09	0.90	0.00	0.00	1.31	0.0000
P-7192	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.31	0.0000
P-7193	1.00	0.00	0.00	0.00	0.68	0.32	0.00	0.00	1.03	0.0000
P-7191	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.96	0.0000
P-7190	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.82	0.0000
P-7283	1.00	0.00	0.00	0.00	0.00	0.07	0.00	0.93	4.96	0.0000
P-7126	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.08	0.0000
P-7140	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.09	0.0000
P-7138	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.09	0.0000
P-7139	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.62	0.0000
P-48004	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.10	0.0000
P-48010	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.10	0.0000
P-48015	1.00	0.00	0.00	0.00	0.76	0.05	0.00	0.19	0.98	0.0000
P-50090	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.18	0.0000
P-19126A	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.88	0.0000
P-19131_1	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.99	0.0000
P-19131_2	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.84	0.0001
P-19057A	1.00	0.05	0.00	0.00	0.19	0.00	0.00	0.76	0.56	0.0000
C1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	6.01	0.0000
C2	1.00	0.00	0.00	0.00	0.34	0.32	0.00	0.34	1.58	0.0000
C3	1.00	0.00	0.00	0.00	0.04	0.95	0.00	0.00	2.61	0.0000
C4	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.26	0.0000
P-53060_1	1.00	0.00	0.00	0.00	0.11	0.89	0.00	0.00	1.19	0.0095
P-53060_2	1.00	0.01	0.00	0.00	0.01	0.06	0.00	0.93	1.24	0.0000
C7	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.54	0.0000
C8	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.93	0.0000
C9	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.49	0.0000
P-7183_1	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.81	0.0000
P-7183_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.68	0.0000
P-7121A_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.14	0.0000
P-7169_1	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.83	0.0000
P-7169_2	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.27	0.0000
C13	1.00	0.00	0.00	0.00	0.05	0.95	0.00	0.00	1.08	0.0000
C15	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.35	0.0000
C16	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.37	0.0000
C17	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.54	0.0000
C18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.17	0.0000
C19	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.04	0.0000
C20	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.59	0.0000
C21	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.49	0.0000
C22	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.28	0.0000
C25	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.88	0.0000
C26	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.99	0.0000
C27	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.00	0.0000
C29	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.95	0.0001
C30	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.36	0.0000
C35	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C36	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C37	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.61	0.0000
C38	1.00	0.01	0.00	0.00	0.23	0.77	0.00	0.00	1.00	0.0000
C39	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.44	0.0000
C40	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.59	0.0000
C41	1.00	0.15	0.00	0.00	0.18	0.45	0.00	0.22	1.22	0.0000
C42	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.45	0.0000
C43	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C44	1.00	0.00	0.00	0.00	0.97	0.03	0.00	0.00	0.13	0.0000
C45	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.85	0.0000
C46	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.80	1.47	0.0000
C47	1.00	0.00	0.00	0.00	0.89	0.11	0.00	0.00	0.52	0.0000
C48	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.30	0.0000
C49	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.26	0.0000
C50	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.34	0.0000
C51	1.00	0.00	0.12	0.00	0.03	0.84	0.00	0.00	0.92	0.0000
C53	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.12	0.0001
C54	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.54	0.0000
P-11057_1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.19	0.0000
P-11057_2	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.98	2.25	0.0000
P-20005_1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.83	0.0000
P-20005_2	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C71	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.91	0.0000
C72	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.30	0.0000

C73	1.00	0.00	0.84	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.0000
P-7037_1	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.42	0.0000	
C74	1.00	0.00	0.00	0.00	0.00	0.03	0.00	0.96	4.19	0.0000	
C76	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.79	0.0000	
C77	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	3.20	0.0000	
C78	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	4.03	0.0000	
C79	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	3.31	0.0000	
C80	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
P-53116_1	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.23	0.0000	
P-53116_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000	
C81	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.52	0.0000	
C84	1.00	0.00	0.00	0.00	0.41	0.59	0.00	0.00	1.27	0.0000	
C85	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.24	0.0000	
C86	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0002	
C87	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.0001	
C88	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.81	0.0000	
C89	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.55	0.0000	
C90	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
C91	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.25	0.0000	
C92	1.00	0.00	0.00	0.00	0.02	0.97	0.00	0.00	1.86	0.0000	
C93	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.19	0.0000	
C94	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	2.47	0.0000	
C95	1.00	0.01	0.00	0.00	0.77	0.23	0.00	0.00	0.42	0.0000	
C96	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
C97	1.00	0.00	0.00	0.00	0.75	0.25	0.00	0.00	0.44	0.0000	
C98	1.00	0.00	0.00	0.00	0.72	0.28	0.00	0.00	0.81	0.0000	
C99	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.14	0.0000	
C100	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.26	0.0000	
C101	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.49	0.0000	
C102	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
C103	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.27	0.0000	
C104	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.96	0.0002	
C105	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.45	0.0000	
C106	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.33	0.0000	
C107	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.75	0.0000	
C108	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.26	0.0000	
C109	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.16	0.0000	
C110	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.69	0.0000	
C111	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.40	0.0000	
C112	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.88	0.0000	
C113	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	6.66	0.0000	
C114	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.03	0.0000	
C115	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.29	0.0000	
C116	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.24	0.0000	
C117	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.99	0.0000	
C118	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.48	0.0000	
C119	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
C120	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000	
C121	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.15	0.0000	
C122	1.00	0.00	0.03	0.00	0.00	0.97	0.00	0.00	3.44	0.0000	
C123	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.01	0.45	0.0000	
C124	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.50	0.0000	
C125	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.19	0.0000	
C126	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	2.84	0.0000	
C127	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.24	0.0000	
C128	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.02	0.0000	
C129	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.26	0.0000	
C130	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.14	0.0000	
C131	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.50	0.0000	
C132	1.00	0.00	0.00	0.00	0.01	0.98	0.00	0.00	1.11	0.0000	
C133	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.11	0.0000	
C134	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.18	0.0000	
C135	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.72	0.0000	
C136	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.71	0.0000	
C137	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.93	0.0000	
C138	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.58	0.0000	
C139	1.00	0.00	0.00	0.00	0.00	0.03	0.00	0.96	1.06	0.0000	
C140	1.00	0.00	0.00	0.00	0.00	0.11	0.00	0.89	1.20	0.0000	
C141	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.04	0.0000	
C142	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.19	0.0000	
C143	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.04	0.0000	
C144	1.00	0.02	0.00	0.00	0.97	0.00	0.00	0.01	0.10	0.0013	
C145	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.33	0.0000	
C146	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.71	0.0000	
C147	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.04	0.0000	
C148	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.16	0.0000	
C149	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.65	0.0000	
C150	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.94	0.0000	
C151	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.35	0.0000	

C152	1.00	0.00	0.00	0.00	0.20	0.04	0.00	0.76	2.14	0.0018
C153	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.95	0.0000
C154	1.00	0.35	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C155	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.06	0.0000
C156	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.08	0.0000
C157	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.0000
C158	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.51	0.0000
C159	1.00	0.00	0.00	0.00	0.96	0.03	0.00	0.00	0.86	0.0000
C160	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C161	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.72	0.0000
C162	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.02	0.0000
C163	1.00	0.01	0.00	0.00	0.07	0.05	0.00	0.88	1.07	0.0000
C164	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.11	0.0000
C165	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.05	0.0000
C166	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.41	0.0000
C167	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.0000
C168	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.83	0.0000
C169	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.35	0.0000
C170	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.16	0.0000
C171	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.55	0.0000
C172	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.68	0.0000
C173	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.57	0.0000
C174	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.15	0.0000
C175	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.37	0.0000
C176	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.10	0.0000
C177	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.44	0.0000
C178	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C179	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C180	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.60	0.0000
C181	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.73	0.0000
C180_1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.36	0.0000
C180_2	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.39	0.0000
C182	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	0.92	0.0000
C183	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.15	0.0000
C184	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.99	1.47	0.0000
C185	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.15	0.0000
C186	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C187	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.61	0.0000
C188	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.0000
C189	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.31	0.0000
C190	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.35	0.0000
C191	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.75	0.0000
C192	1.00	0.00	0.00	0.00	0.99	0.01	0.00	0.00	0.14	0.0000
C193	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.08	0.0000
C194	1.00	0.02	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C195	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.10	0.0000
C196	1.00	0.00	0.00	0.00	0.00	0.02	0.00	0.97	3.13	0.0000
C197	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.96	0.0000
C198	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.01	0.00	0.0001
C199	1.00	0.18	0.00	0.00	0.00	0.82	0.00	0.00	2.69	0.0000
P-48001_1	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.95	0.0000
P-48001_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.91	0.0000
C201	1.00	0.00	0.00	0.00	0.09	0.91	0.00	0.00	1.96	0.0000
C202	1.00	0.00	0.00	0.00	0.26	0.73	0.00	0.00	1.00	0.0000
C203	1.00	0.02	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C204	1.00	0.04	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C205	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.14	0.0000
C206	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.01	0.0000
C207	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.39	0.0000
C208	1.00	0.01	0.00	0.00	0.00	0.99	0.00	0.00	1.47	0.0000
C210	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.76	0.0000
C211	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C212	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C213	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.54	0.0000
C216	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.78	0.0000
C217	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
C218	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.25	0.0000
P-16028_1	1.00	0.00	0.00	0.00	0.01	0.99	0.00	0.00	1.19	0.0000
P-16028_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	2.85	0.0000
P-16026_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.57	0.0000
C220	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.77	0.0000
C221	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.49	0.0000
C222	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0000
P-7281_1	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.53	0.0000
P-7281_2	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.96	0.0000
C226	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.28	0.0000
P-16026_3	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.64	0.0000
P-16026_5	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.45	0.0000
C227	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	6.57	0.0000

C228_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.0000
C228_2	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.96	0.0000
C229	1.00	0.21	0.00	0.00	0.01	0.78	0.00	0.00	3.29	0.0000
C228	1.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	1.68	0.0000
Q-24040	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.78	0.0000
P-47003	1.00	0.00	0.00	0.00	0.77	0.23	0.00	0.00	0.96	0.0000

Conduit Surcharge Summary

Conduit	----- Both Ends	Hours Full Upstream	----- Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
P-10036	0.01	0.01	0.01	0.93	0.01
P-12000	0.64	0.64	0.64	0.01	0.01
P-12001	1.18	1.18	1.18	0.01	0.01
P-12002	3.93	3.93	3.93	1.52	1.51
P-12005	0.84	0.84	0.84	0.01	0.01
P-13000	0.34	0.34	0.34	0.01	0.01
P-13001	0.01	0.01	0.01	3.06	0.01
P-14001	0.01	0.01	0.01	0.60	0.01
P-14004	0.01	0.01	0.01	0.93	0.01
C64	0.01	0.01	0.01	0.01	0.01
P-20022	0.15	0.15	0.15	0.07	0.07
P-20030	0.01	0.01	0.01	0.73	0.01
P-20040	0.21	0.21	0.21	0.01	0.01
P-5022	1.11	1.11	1.11	0.01	0.01
P-5027	0.01	0.01	0.01	0.32	0.01
P-5006	2.40	2.40	2.40	2.36	2.31
P-4000	0.01	0.01	0.01	0.84	0.01
C209	0.01	0.01	0.01	0.86	0.01
P-49000	0.84	0.84	0.84	0.93	0.84
C200	1.02	1.02	1.02	0.01	0.01
P-47011	1.96	1.96	1.96	0.01	0.01
P-41002	17.70	17.70	17.70	17.64	17.64
P-41001	14.87	14.87	14.87	14.01	14.01
P-41000	13.98	13.98	13.98	2.93	2.97
P-37003	0.01	0.01	0.01	1.12	0.01
P-37005	0.21	0.21	0.21	0.01	0.01
P-37002	0.85	0.85	0.85	1.05	0.84
P-33002	0.01	0.01	0.01	1.88	0.01
P-33001	1.58	1.58	1.58	0.61	0.61
P-33000	0.98	0.98	0.98	0.01	0.01
P-32070	0.01	0.01	0.01	0.05	0.01
P-32050	0.01	0.01	0.01	0.27	0.01
P-32031	0.01	0.01	0.01	1.91	0.01
P-32007	0.01	0.01	0.01	0.47	0.01
P-32000	0.01	0.01	0.01	0.11	0.01
P-29001	0.01	0.01	0.01	0.56	0.01
P-26003	0.01	0.01	0.01	0.54	0.01
P-7020	1.95	1.95	1.95	0.01	0.01
P-7045A	0.01	0.01	0.01	0.48	0.01
P-17020	0.01	0.01	0.01	0.10	0.01
P-17132	0.01	0.01	0.01	1.91	0.01
P-17131	1.19	1.19	1.19	0.01	0.01
P-7163	0.01	0.01	0.01	0.47	0.01
P-50066	2.22	2.22	2.22	0.01	0.01
C6	0.01	0.01	0.01	1.86	0.01
P-53041	0.20	0.20	0.20	0.01	0.01
P-53150	20.98	20.98	20.98	0.01	0.01
P-17015	0.17	0.17	0.17	6.55	0.17
P-17006	4.72	4.72	4.72	3.57	3.53
P-17002	4.63	4.63	4.64	2.08	2.05
P-7336	0.01	0.01	0.01	1.49	0.01
P-7332	0.64	0.64	0.64	0.90	0.64
P-7308	2.89	2.89	2.89	0.32	0.34
P-7309	2.57	2.57	2.58	3.52	2.57
P-7323	2.79	2.79	2.79	2.73	2.73
P-7322	2.77	2.77	2.77	0.01	0.01
P-7321	2.71	2.71	2.71	0.01	0.01
P-7258	0.01	0.01	0.01	0.49	0.01
P-17070	0.21	0.21	0.21	0.01	0.01
P-17072	0.01	0.01	0.01	2.79	0.01
P-17071	2.79	2.79	2.79	0.01	0.01
P-17069	1.33	1.33	1.33	0.01	0.01

P-17034	0.01	0.01	0.01	0.31	0.01
P-17053A	0.01	0.01	0.01	1.83	0.01
P-19121	1.81	1.81	1.81	1.85	1.80
P-19122	0.31	0.31	0.31	1.85	0.31
P-19123	0.31	0.31	0.31	0.01	0.01
P-19120	0.95	0.95	0.95	1.28	0.95
P-19094	0.01	0.01	0.01	0.45	0.01
P-19092	1.75	1.75	1.75	0.01	0.03
P-19091	1.67	1.67	1.67	0.01	0.01
P-19090	1.60	1.60	1.60	0.01	0.01
P-19095	1.48	1.48	1.48	0.74	0.74
P-19093	1.80	1.80	1.80	1.88	1.74
P-19106	1.82	1.82	1.82	2.13	0.18
P-19105	3.66	3.66	3.66	2.94	2.92
P-19104	2.77	2.77	2.77	0.01	0.02
P-19102	2.44	2.44	2.44	1.60	1.39
P-19101	1.63	1.63	1.63	0.01	0.01
P-19100	1.06	1.06	1.06	0.01	0.01
P-19018	0.01	0.01	0.01	2.00	0.01
P-19022	0.01	0.01	0.01	1.35	0.01
P-19021	0.73	0.73	0.73	0.74	0.72
P-19020	0.70	0.70	0.70	1.01	0.70
P-50065	0.20	0.20	0.20	0.01	0.01
P-50063	0.01	0.01	0.01	0.06	0.01
P-50060	0.01	0.01	0.01	0.15	0.01
P-50041	0.01	0.01	0.01	0.11	0.01
P-50031	0.01	0.01	0.01	0.70	0.01
P-50030	0.17	0.17	0.17	0.01	0.01
P-50016	0.01	0.01	0.01	1.91	0.01
P-50015	1.19	1.19	1.19	0.94	0.92
P-50027	0.01	0.01	0.01	0.26	0.01
P-16035	1.31	1.31	1.31	1.37	1.31
P-16041	0.01	0.01	0.01	0.51	0.01
P-16040	0.07	0.07	0.07	0.41	0.07
P-51015	0.01	0.01	0.01	0.26	0.01
P-51040	0.01	0.01	0.01	1.63	0.01
P-7166	0.01	0.01	0.01	1.11	0.01
P-53012	0.01	0.01	0.01	0.15	0.01
P-11035	0.01	0.01	0.01	0.03	0.01
P-11010	0.01	0.01	0.01	0.44	0.01
P-11002	3.02	3.02	3.02	13.48	3.02
P-11001	3.90	3.90	3.91	0.01	0.01
P-11000	3.81	3.81	3.81	0.01	0.01
P-11012	0.01	0.01	0.01	0.50	0.01
P-11030	0.01	0.01	0.01	1.76	0.01
P-11016	0.01	0.01	0.01	0.81	0.01
C56	19.70	19.70	19.70	2.46	2.46
C55	0.06	0.06	0.06	0.01	0.01
P-16006	0.28	0.28	0.28	1.59	0.28
P-16005	1.04	1.04	1.04	0.11	0.11
P-7181	0.01	0.01	0.01	1.77	0.01
P-7228	1.18	1.18	1.18	0.35	0.35
P-7196	0.01	0.01	0.01	2.97	0.01
P-7197	1.79	1.79	1.79	0.01	0.01
P-7195	2.40	2.40	2.40	1.82	1.82
P-7194	1.45	1.45	1.45	0.01	0.01
P-19131_2	0.01	0.01	0.01	3.54	0.01
C2	0.66	0.66	0.66	0.01	0.01
P-53060_1	1.95	1.95	1.95	16.88	1.95
P-7169_1	0.01	0.01	0.01	0.64	0.01
C26	0.01	0.01	0.01	0.16	0.01
C29	0.01	0.01	0.01	0.28	0.01
C44	17.63	17.63	17.63	0.01	0.01
C53	0.01	0.01	0.01	0.50	0.01
C54	0.01	0.01	0.01	0.73	0.01
C86	23.99	23.99	23.99	0.01	0.01
C87	23.25	23.25	23.25	0.01	0.01
C95	16.66	16.66	16.66	16.72	16.65
C97	13.59	13.59	13.59	0.01	0.01
C144	12.58	12.58	12.58	0.01	0.01
C180_2	0.01	0.01	0.01	0.16	0.01
C198	20.85	20.85	20.85	0.01	0.01

Analysis begun on: Wed Apr 02 09:24:52 2014
 Analysis ended on: Wed Apr 02 09:28:23 2014
 Total elapsed time: 00:03:31