

BARLOW SOLAR ENERGY CENTRE

DETAILED STORMWATER MANAGEMENT PLAN

BOREA CONSTRUCTION

JUNE 2018





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3rd Revision

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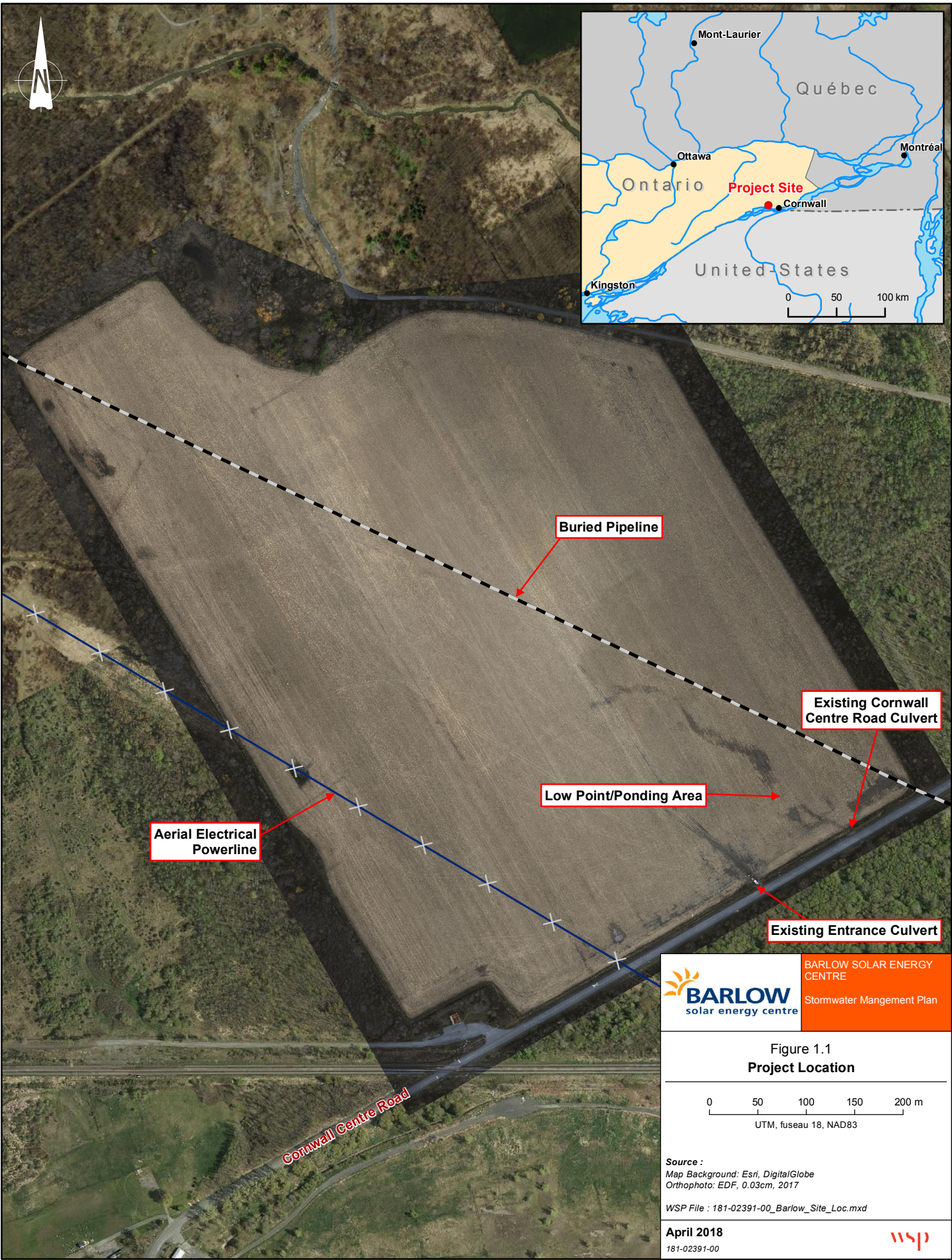
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1 INTRODUCTION

As part of the Barlow Solar Energy Centre development, WSP Canada Inc. (WSP) was mandated by Borea Construction (Borea), the EPC Contractor selected by Barlow Energy Centre Limited Partnership (project owner, or Barlow LP) to carry out preliminary and detailed engineering of the project. This project includes solar panel layout, electrical component design, site grading, road design and a stormwater management plan. This report presents the Stormwater Management Plan for the development of the Barlow Solar Energy Centre site. This plan pertains to the post-development conditions as well as the temporary construction work conditions.

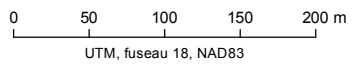
1.1 PROJECT LOCATION

The project is located west of the town of Cornwall, in the Province of Ontario. The site comprises Lots 20 and 21 of Concession 4, in the Township of South Stormont, United Counties of Stormont, Dundas and Glengarry. It is located immediately north of Cornwall Centre Road and is bounded to the east, north and west by forested lands. Figure 1.1 shows the project site location. The pre-development land occupation of the subject site consists of an agricultural corn field.



	BARLOW SOLAR ENERGY CENTRE
	Stormwater Management Plan

Figure 1.1
Project Location



Source :
Map Background: Esri, DigitalGlobe
Orthophoto: EDF, 0.03cm, 2017

WSP File : 181-02391-00_Barlow_Site_Loc.mxd

April 2018
181-02391-00



2 PROJECT DESCRIPTION

2.1 PRE-DEVELOPMENT CONDITIONS

2.1.1 TOPOGRAPHY

Topographic data was provided by Borea and consists of a georeferenced Bare Earth grid and aerial imagery covering the studied site. This data was originally surveyed by RME Geomatics (2016).

Based on the survey data, the existing site has very low slopes (0.1 - 0.3%) and drains from north to south towards the watercourse along the south side of the site which drains to the existing twin culverts under Cornwall Centre Road. According to the topographic data, there is a low point in the existing corn field just upstream of the culvert where surface water ponds and flows are of a very minimal velocity. This area is represented by a darker shade on the aerial imagery of the existing corn field (Figure 1.1).

2.1.2 WATERCOURSES

The site is bounded to the south and west by an existing perimeter watercourse. An existing entrance over a 900 mm culvert allows access to the site from Cornwall Centre Road. According to recent surveys conducted by the Borea survey team, the south watercourse crosses this road through 2 existing 1,400 mm, half sediment-filled, circular steel culverts near the southeast corner of the site.

This perimeter watercourse consist of a ditch were the main channel is mostly invaded by reed species. This watercourse has an estimated watershed of 159 ha (Stantec, 2017) which is fairly small and could suggest seasonal flows and extended dry periods. The proposed drainage outlets will discharge in this watercourse.

2.1.3 INFRASTRUCTURE AND EQUIPMENT

There is a buried pipeline that crosses the entire field from the north-western corner to the south-eastern corner. The company owning the pipeline (Northern Pipeline) has a Right-of-Way (ROW) of approximately 18 m wide, with the pipeline at its approximate center. According to the owner's requirements, a cover of 0.75 m must be ensured between the top of the pipe and the base of any swale. Based on local topographic surveys provided by Northern Pipeline, the cover above the pipeline is approximately 1m deep within the Project limits. Considering this value, any swale that crosses above the pipeline should have a maximum depth of 0.25 m.

There is also an aerial electrical line that crosses the field near the south-western corner. No specific limitations regarding the electrical line and the drainage system were considered.

A small drain tile pumping station is located on the southwestern corner, outside of the Project Limit. Construction activities will not impact the pumping station area.

2.1.4 REGULATORY FLOODPLAIN

The project is located within the South Raisin River watershed, which is overlooked by the Raisin River Conservation Authority (RRCA). According to background information reviewed in the Surface Water Runoff Study (Stantec, 2017), this area is located within the regulated Henderson Drain floodplain. The regulatory 100-year flood elevation is set to 63.06 m and is above most of the subject site surface. As stated in that document, any proposed electrical equipment will be placed 0.3 m above this elevation.

It is also mentioned that water from the Raisin River South Branch would spill to the subject site at a rate of 6.5 m³/s for the 100-year design event. Since the 100-year water elevation is above most of the site surface, it should be noted that the entire proposed drainage system will be flooded as well; hence justifying why no 100-year criteria is applied to the design of the proposed drainage system.

2.1.5 SOILS

This study uses the same assumptions made by Stantec (2017) and based on Houle Chevrier Engineering (2017) geotechnical report, which typically reported silty clay at the subject site. Therefore, the Hydrologic Soils Classification Group used in this study is Group C.

2.2 DURING CONSTRUCTION CONDITIONS

During construction conditions consist of the pre-development bare earth (no crops), the proposed access road layout and drainage system, and the temporary sediment control measures.

The design criteria for the temporary sediment control measures were based on Raisin River Conservation Authority (RRCA) requirements, the project's final Renewable Energy Approval (REA) document (2018), the Erosion & Sediment Control Guidelines for Urban Construction (GGHA CAs, 2006) and on the Stormwater Management Planning and Design Manual (Ontario, 2003).

2.3 POST-DEVELOPMENT CONDITIONS

The proposed drainage layout must ensure safe conveyance of surface water so as to protect the foundations of the solar panels, access roads and other infrastructure.

Post-development conditions consist of the solar farm and its infrastructure, the proposed drainage system, and of the revegetation of the site with native species. Based on the preliminary site layout, it should be noted that despite the increase of impervious surfaces in post-development conditions (solar panels, inverter foundation, etc.), Stantec (2017) concluded that this development was compensated by the conversion of agricultural soils to a permanent grassed meadow. This statement depends on site and layout-specific assumptions, which are discussed in more details below.

It was also planned to add a new entrance culvert (Stantec, 2018) in the south watercourse. Following detailed engineering, this new entrance is no longer considered to be necessary.

3 METHODOLOGY

The analysis was performed using a coupled hydrological and hydraulic model. The impact assessment was only carried out for the main study site, i.e. the actual corn field and future solar farm.

3.1 PCSWMM MODELING

Hydrological modeling is used to quantify the runoff as a function of the rainfall and the physical characteristics of the land, while hydraulic modeling consists of studying the phenomenon of flow propagation through the drainage system. Within the scope of this mandate, the PCSWMM Professional software version 5.1.012 was used to carry out the coupled modeling work. This software integrates both the hydrological and the hydraulic elements into a single 1D model.

The 1D model represents the hydrological systems (e.g. watersheds and sub-watersheds) and hydraulic systems (e.g. swales and culverts, etc.) in the subject area. Once the networks and their contributory surfaces (delimited according to land use and topography) are integrated into the hydrological and hydraulic models, simulations of rain events make it possible to characterize their behaviour. To do this, the infiltration parameters are selected so as to ensure a fair assessment of runoff during rain events. The simulations are carried out using “synthetic” Design Rainfalls (Chicago 3 hours). Detailed parametrization of the model can be found in Appendix A.

The configuration of a solar farm represents specific hydraulic conditions. The panels are above the ground, which blocks direct rainfall on the surfaces located under them. Rainfall on the panel will concentrate into sheet flow before falling onto the ground, and will then flow onto downstream exposed surfaces (between the panels) before flowing over land to the dry surfaces located under the panels. For the present work, assumptions on hydraulic behaviours are based on Stantec (2017) and Cook & McCuen (2013). Table 3.1 summarizes the assumptions used for this study.

Table 3.1 Specific Solar Farm Hydraulic Behaviour Assumptions

SURFACE TYPE	DIRECT RAINFALL	RECEIVING SURFACE	COMMENT
Panel	Yes	Downstream exposed surface	Simple assumption: sheet flow assumed on full surface, concentrate at lower edge of panel, then falls on ground.
Dry surfaces (under panels)	No	Downstream exposed surface	Sheet flow assumed on full surface.
Exposed surfaces (between panels)	Yes	Downstream dry surface	Sheet flow assumed on full surface. At this point, a new panel runoff is added, and so on until the downstream end of the system is reached.

3.1.1.1 TEMPORARY BASIN DRAWDOWN TIME CALCULATION

Drawdown time through seepage through the rock check dam was calculated using the Darcy’s Law Equation:

$$q = k \frac{\Delta h}{L} A$$

Where

q : total seepage discharge through surface A, m³/s;

k : is the Darcy Permeability Coefficient, m/s (value of 1 - 0.01 m/s for clean granular material, assumed here to 0.5 m/s);

Δh : is the pressure gradient, m;

L : is the average length of the berm, approximately 2 m here;

A : is the flow area, which consist of the berm's average width (5 m) times the variable water depth.

Calculations are included in the PCSWMM model using a head/discharge rating curve.

3.2 HYDROLOGY

One design rainfall distribution was selected to carry out the stormwater analysis. The Chicago 3-hours distribution was retained as it is well suited for the study of small to medium-sized rural and developed watersheds and because it is widely used in the design of infrastructure such as swales, culverts and sediment basins. Rainfall intensity values used to build the distribution are based on Cornwall Station (6101874) and were acquired from Ontario IDF Curve Data (MTO, 2018).

3.2.1 DURING CONSTRUCTION CONDITIONS

In addition to the sizing criteria mentioned in Section 2.2, a “Quality Storm” (25 mm on a Chicago 4-hours distribution) and a 2-yr event were used to verify the hydraulic performance of the temporary sediment control measures.

3.2.2 POST-DEVELOPMENT CONDITIONS

Three return periods were selected for the design of the post-development conditions: 2, 5 and 25-yr:

- 2 and 5-yr events were used for designing road crossings (culverts and/or dips);
- 25-yr events were used for designing swales;

3.3 MODELLING ASSUMPTIONS

3.3.1 DOWNSTREAM BOUNDARY CONDITIONS

The detailed PCSWMM analysis focused on the study site, i.e. the main development surface. The entrenched watercourse located on the western and southern boundaries of the lot and its watershed were included based on Stantec (2017) assumptions and results (simple watershed using Stantec 2017 parameters). The same assumption applies for the small watershed located on the eastern boundary of the subject site.

The model also includes the following downstream structures:

- existing 900 mm concrete culvert;
- two existing 1,400 mm, half sediment-filled, circular steel culverts under Cornwall Centre Road, as surveyed by Borea.

3.3.2 POST-DEVELOPMENT CONDITIONS

1. Overall grading is similar to pre-development conditions.
2. The site's land occupation consists of solar panels, inverter/transformer pads, substation areas, gravel roads and grassed meadows, including under the panels.
3. 100% of the pervious surfaces located under the panels will contribute to the infiltration of upstream surface sheet flows (Stantec 2017 and Cook & McCuen 2013).

4 STORMWATER, EROSION AND SEDIMENT CONTROL PLAN

4.1 DURING CONSTRUCTION CONDITIONS

4.1.1 PROPOSED MEASURES

Sheet 181-02391-00-BAR-C-1101 shows the actual site conditions and the location of the proposed temporary sediment control measures. The following guidelines should also be taken into consideration during construction:

- Heavy-duty silt fence barriers, as per OPSD Drawing 219.130, will enclose the construction site and limit sediment propagation outside of the site. The barriers will be erected just inside of the Project Limit (see Sheet 181-02391-00-BAR-C-1101). Additional barriers may be installed on the perimeter of some temporary works, as needed (e.g. perimeter of temporary stockpile area);
- construction works will limit topsoil stripping to access roads, substation pads and temporary storage area (i.e. topsoil in other areas will not be stripped and will remain the same as the pre-development corn field);
- site disturbances such as surface grading will be minimized to prevent sediment suspension. Moreover, the surface will be vegetated as soon as possible to allow the growth of a diverse and healthy meadow cover that will protect against soil erosion.
- two temporary sediment ponds will be placed at the downstream ends of the drainage network (see Sheet 181-02391-00-BAR-C-1101). They will allow sediment settling for runoff waters flowing outside of the site;
- street sweeping of Cornwall Centre Road will be performed once per week or as needed in order to keep the street clean and to prevent sediment washoff into the nearby watercourse;
- no topsoil stripping will be allowed over the limits of the access roads, substation pads and temporary storage area. In the event that unexpected soil stripping or bare soil exposure is required, Borea will make sure that adequate erosion protection measures are undertaken (additional silt fence barriers, covering exposed surfaces with geotextile, seeding, etc.);
- all topsoil stripped for road or structure construction will be reused on site for restoration;
- no in-water work will occur between the warm water timing window of March 15th and July 15th (work is permitted from July 16th to March 14th). Furthermore, mitigation measures (silt barriers and berms, minimal water flow, etc.) will be implemented to avoid effects on fish and fish habitat during the installation of new culvert crossings;
- refueling activities will occur more than 30 m from the woodlands, water bodies, and the amphibian movement corridor. In the event of an accidental spill, the MOECC Spills Action Centre will be contacted and emergency spill procedures will be implemented immediately (see Section 4.1.4);
- the temporary topsoil berm will be seeded for the duration of the construction works.

4.1.2 TEMPORARY SEDIMENT BASIN SIZING

The design criteria for the temporary sediment basin were taken from Table 3.2 of the Stormwater Management Planning and Design Manual (Ontario, 2003). This table specifies water quality storage requirements based on receiving waters (upstream watershed size), on desired protection level and on a drawdown time equal or superior to 24 hours. This table is usually used for permanent, post-development conditions basins sizing. These design criteria were selected over the ones mentioned in the Erosion and Sediment Control Guidelines for Urban Construction as they allow for a more site specific design. In fact, the Stormwater Management Planning and Design Manual allows us to adjust the required volume-per-hectare according to impervious %, whereas the Erosion and Sediment Control Guidelines for Urban Construction criteria does not (i.e. it is the same volume requirement criteria independent of whether the contributing surface is, for instance, a natural field or an extendedly developed land).

The use of the above mentioned design criteria is considered appropriate for this site given that:

1. the constructions works will limit topsoil stripping to access roads and temporary storage area (i.e. topsoil in other areas will not be stripped and will remain the same as the pre-development corn field);
2. the during construction conditions and the sediment basins are temporary (few months);
3. the post-development conditions will “improve” land occupation regarding potential sediment suspension by converting an agricultural field to a grassed meadow (see section 4.2.3 below);
4. the available space to implement sediment ponds is very limited (see the planned basins extents shown on Sheets 1103 and 1104);
5. the possible basin depth is very limited as the land is flat, and the receiving watercourse is not deep.

As such, the temporary basins will be dry ponds ensuring 60% long-term S.S. removal. Table 4.1 presents the results of the basin sizing calculations.

Table 4.1 Temporary Basin Sizing

BASIN	UPSTREAM WATERSHED SIZE (ha)	% IMPERVIOUS	CRITERIA BASED ON IMPERV. LEVEL (m ³ /ha)	VOLUME (m ³)	DETENTION DEPTH (m)	INVERT ELEVATION (m)	AREA (m ²)
Temporary 1	18.5	10	20	370	0.25	61.55	1,500
Temporary 2	19.4	20	45	873	0.25	61.60	3,500

The temporary sediment basins consist of a 0.3 m excavation (detention depth of 0.25 m + a 0.05 m freeboard) with vegetated surfaces. A simple rock check dam built at the downstream end of the basins will allow ponding, sediment settling and extended drawdown. An additional 0.3 m deep sediment trap placed in the upstream part will allow sediment accumulation without reducing the detention volume. Maintenance will be required as per section 4.1.6. All construction details can be found on Sheets 181-02391-00-BAR-C-1101 and 1106.

4.1.2.1 DRAWDOWN TIME

Figure 4.1 shows the volume curves for the “Quality” storm event. Table 4.2 presents the drawdown times for each basin. To ensure sufficient drawdown time, the volume at 24 hrs following peak volume in the basin must be at least 10% of the maximum volume.

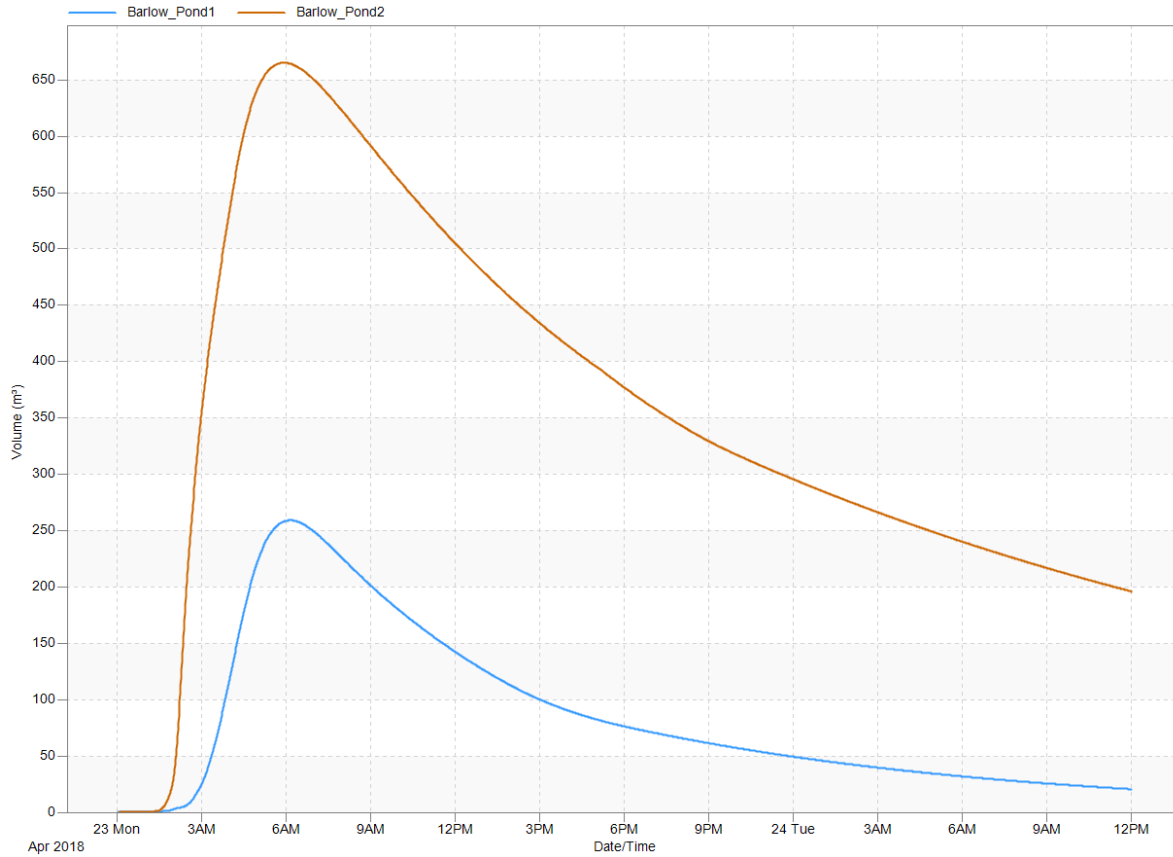


Figure 4.1 Volume Curves for the "Quality" Storm Event

Table 4.2 Drawdown Time Results for the "Quality" Storm Event

BASIN	MAXIMUM VOLUME (m³)	TIME OF PEAK (hrs)	VOLUME AT 24 HRS	% OF MAXIMUM
Temporary 1	660	6	240	37
Temporary 2	255	6	32	13

According to Figure 4.1 and Table 4.2, sufficient drawdown time of more than 24 hours is achieved with the proposed design.

4.1.2.2 QUANTITATIVE ASSESSMENT

Table 4.5 compares outflows from the subject site between pre-development and during construction conditions. It can be seen that during construction outflows are similar to pre-development flows. Thus, during construction conditions do not increase flood risks downstream of the site.

Table 4.3 Peak Outflows Comparison between Pre-Development and During Construction Conditions (m³/s) (Including Temporary Sediment Basins)

	25 MM QUALITY RAINFALL	2-YR DESIGN RAINFALL
Pre-Development	0.06	0.10
During Construction	0.05	0.10

Note: Peak flows presented in Table 4.3 include the routing effect of the temporary sediment basins.

4.1.3 INSPECTION

Water quality inspection will be carried out by a Qualified Inspector mandated by Barlow LP. Based on the final REA document (2018), the following measures will be implemented:

- the erosion and sediment control measures will be inspected by a Qualified Inspector following precipitation events during the spring freshet and after any significant storm event (10 mm or more). These measures shall continue until such a time as the Qualified Inspector determines that the measures are no longer required or the Qualified Inspector deems that the risk of surface water/environmental impacts from the construction activity is negligible;
- for the duration of construction, Barlow LP will monitor in-field turbidity levels. Turbidity monitoring will be conducted on a daily basis upstream of the site, in the western existing ditch, and downstream of the Cornwall Centre Road culverts within the watercourse(s). During significant rainfall events (10 mm or more), monitoring will be conducted on a more frequent basis (at least three (3) times per day during the rainfall event i.e., within the subsequent 24 hour period). In the event where the average (arithmetic mean) daily turbidity level downstream exceeds the CCME-CWQG permissible level defined as, “The maximum increase of 8 NTUs from background levels for a short-term exposure (e.g., 24-hour period) or the maximum average increase of 2 NTUs from background levels for a longer term exposure (e.g., 30-day period)”, Barlow LP will immediately notify Borea and the local District Office, and ask Borea to implement a response plan to prevent further migration of turbid water into the watercourse(s);
- additionally, during significant rainfall events (10 mm or more within a 24-hour period), Barlow LP will collect a surface water sample to be analyzed for Total Suspended Solids (TSS). The TSS sampling will be collected from the watercourse upstream and downstream of Project site;
- where there is overlap between regulatory requirements, Borea and Barlow LP will apply the more stringent and the more protective requirements for water bodies, natural heritage features and fish habitat;
- Borea will ensure that runoff/stormwater from site does not contain a concentration of oil or petrochemicals that could be detected as a visible film, sheen or discoloration, be detected by odour, cause the tainting of any edible aquatic organism, form deposits on shorelines or bottom sediments, or that could be deleterious to aquatic organisms;
- Borea will ensure that water pumped from any excavations will not be discharged at a rate or in a quantity that would cause downstream flooding, erosion or negative environmental impact, and that appropriate sediment control measures such as filter strips or sediment basins will be employed as necessary at the discharge location.

4.1.4 EMERGENCY RESPONSE PLAN

4.1.4.1 CONTACT

The following contact numbers must be called in the event of conducting the Emergency Response Plan:

1. Owners (Barlow LP): 514-397-9997;
2. Site Supervisor (Borea): 647-252-0417;
3. MOECC Spills Action Centre (in the event of a spill): 1 (866) 663-8477.

4.1.4.2 WATER QUALITY MONITORING FAILURE

In the event of a water quality monitoring failure, Borea will immediately apply all corrective actions as required by the Qualified Inspector.

4.1.4.3 FLOODING ALERT

In the very unlikely event that an official alert that water from the Raisin River South Branch would spill to the subject site during construction (full flooding of the Project site due to the 100-yr flood event, see section 2.1.4), Borea will attempt to move all temporary containers and construction machinery away from the flood zone (the entire project site).

It should be noted that the safety & security of the workers will remain the priority.

4.1.4.4 SPILLS

Reportable spills (sediments and deleterious substances) will be reported to the Site Supervisor, who will ensure to contact the appropriate Environmental Authorities and use all necessary measures to contain the spill. A well-identified emergency spill kit will be available on site. Borea will make sure that all workers are aware of the kit's location and how to use it.

4.1.4.5 SPARE MATERIALS

Borea will have spare materials (sediment silt barriers and coir mats) readily available on-site. Used spare materials will be restocked within 48 hours.

4.1.5 CONSTRUCTION SEQUENCE

Temporary erosion and sediment control measures will be implemented before beginning all other works. The following schedule presents the chronological order to put in place the measures.

1. silt fence barrier;
2. temporary sediment basins;
3. permanent swales just upstream of the sediment basins;
4. beginning of construction works.

It is also noted that the permanent proposed swales layout will be built starting from the downstream ends and going upstream.

4.1.6 MAINTENANCE

The erosion and sediment control and stormwater management measures will be maintained during construction and inspected by Borea and the Qualified Inspector.

- Silt fence barrier will be inspected daily or following a significant rain event (10 mm or more), whichever is sooner, for breaches or any other potential failures. Damaged sections will be replaced within the next hours following the inspection. Additionally, silt fence barrier will be cleaned (sediment removal) whenever sediment accumulates to half the height of the geotextile.
- Sediment basins will be inspected daily or following a significant rain event, whichever is sooner, for breaches in the rock dam check or any other potential failures. Sediment accumulation depths will also be monitored. The sediment trap will be emptied when it is half filled (sediment depth of 15-20 cm in the trap). Excavated sediments will be placed in the temporary protected stockpile. Borea will make sure that those sediments are contained and do not wash back into the swales.
- Proposed swales and culverts will be inspected weekly or following a significant rain event, whichever is sooner, for potential sediment fillings. Culverts will be cleaned when sediment accumulations reach 20% of the culverts height (0.05 m). Swales will be cleaned whenever sediment accumulates to half the depth of the swale or if significant limitations due to sediment accumulation is observed by the Qualified Inspector.

4.2 POST-DEVELOPMENT CONDITIONS

4.2.1 CULVERTS AND SWALES SIZING

Sheets 181-02391-00-BAR-C-1102 to 1105 show the post-development stormwater management layout and details. This layout includes vegetated drainage swales and two culverts. Results of the culverts sizing are also presented in Table 4.4. Culverts were sized according to the 2-yr design rainfall and verified with the 5-yr design rainfall.

Swales were sized according to the 25-yr design rainfall. Different cross-sections were used in order to adapt to the physical limitations (available width between access roads and panels, depth of the pipeline, etc.). All swales sizing and details are presented on sheets 181-02391-00-BAR-C-1103 to 1105.

Table 4.4 Culverts Sizing

CULVERT	SIZING (mm)	2-YR RAINFALL			5-YR RAINFALL			INLET / OUTLET RIPRAP SIZING (mm)
		Peak Flow (l/s)	Outlet Velocity (m/s)	Inlet Depth (m)	Peak Flow (l/s)	Outlet Velocity (m/s)	Inlet Depth (m)	
Crossing #1	2 x 250	6	0.3	0.12	12	0.3	0.17	100-200
Crossing #2	2 x 250	14	0.5	0.13	31	0.8	0.22	100-200

Note: Results are presented for individual barrels.

4.2.2 QUANTITATIVE ASSESMENT

Table 4.5 compares outflows from the subject site between pre-and post-development conditions.

Table 4.5 Peak Outflows Comparison between Pre-and Post-Development Conditions (m³/s)

	2-YR DESIGN RAINFALL	5-YR DESIGN RAINFALL	25-YR DESIGN RAINFALL
Pre-Development	0.10	0.24	0.53
Post-Development	0.07	0.17	0.32

The stormwater modeling shows that the conversion of the existing corn field into a grassed meadow compensates the increase in impervious surfaces caused by the adding of impervious solar panels. Furthermore, it is assumed that water falling from the panels will flow over surfaces located under the downstream panels, which contribute to infiltration. As shown in Table 4.5, peak discharges at the outfall are either similar or reduced in post-development conditions compared to pre-development conditions. Consequently, no additional quantitative control measures are required for this project.

4.2.3 WATER QUALITY ASSESMENT

Post development conditions include the conversion of the actual agricultural field to a permanent grassed meadow. This change in land occupation type will reduce potential sediment suspension compared to the no-crop state that generally occurs following spring freshet and result in an improvement in water quality.

It should be noted that the access roads will not be frequently used, which will reduce sediment buildups. Furthermore, access roads are drained by the vegetated swales, which will reduce flow velocities and allow water filtration. As per Stantec's conclusion (2017), WSP agrees that no further measures should be required to ensure water quality, as permanent site conditions are an improvement over existing conditions.

4.2.4 MAINTENANCE

As recommended by GEMTEC (2018), general site inspection will be conducted up to four (4) times per year; one visit following the spring freshet, one visit mid summer, one visit at the end of the summer and one visit mid fall, prior to frost/freezing conditions (see memo in Appendix D). The inspection will focus on the vegetation's health and density and signs of erosion.

Swales and culverts will also be inspected during these visits. This inspection will focus on potential sediment fillings and potential erosion.

All inspections will be recorded in a logbook which will include photographs, comments, sketches, proposed corrective measures and all other relevant information related to the inspection.

This inspection frequency is consistent with the site conditions and potential peak discharge, and gives enough time to ensure timely mitigation can be carried out by Barlow LP if the grass is not properly established and functioning properly to prevent increased peak discharge and erosion.

Corrective measures will be undertaken as needed to maintain the site.

5 CONCLUSION

Barlow Solar Energy Project consists of converting an existing corn field into a solar farm site. A carefully designed drainage system made of swales and culverts will allow safe conveyance of stormwater on the site. This analysis shows that post-development conditions will maintain similar or better outflow conditions than the existing corn field.

Seeding of all exposed surfaces is a substantial flow and TSS control measure, and must be undertaken in order to ensure validity of the present Stormwater Management Plan.

This report also includes erosion and sediment control measures that must be complied with during construction in order to prevent suspended sediment discharges in the downstream receiving watercourse.

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APPENDIX

A PCSWMM MODEL PARAMETERS



1 PCSWMM MODEL PARAMETERS

1.1 IMPERVIOUSNESS VALUES

Land use types presented in Table 1 were used for the development of the hydrological model in the study area. This table presents the selected percent of impervious surfaces for different land uses.

Table 1 Imperviousness Values used for Different Land Uses.

NAME	DESCRIPTION	% IMPERV
Meadow	Meadow, various native plants	2 %
Solar Panel	Solar panel surface	100 %
Gravel Road	Gravel access roads	98 %
Mixed	Mixed surface types, such as the electrical station and storage areas	50 – 70 %

1.2 INFILTRATION

The infiltration calculations were based on the Curve Number (CN) model. Table 2 presents the various CN selected for this study, according to soil class and land use. Values were acquired from the USDA Technical Release #55 “*Urban Hydrology for Small Watersheds*” (1999).

Table 2 Curve Number according to Land Use

LAND USE	CN
Corn Field	82
Meadow	71
Mixed Developed Land	94
Gravel Road	89

1.3 DEPRESSION STORAGE

To accurately represent runoff, the hydrological model took into account the losses generated by the presence of surface depressions. These losses represent the first few mm of a rainfall event that are stored in the surface depressions, thus not contributing to runoff. The amount of these depressions were estimated based on land use and slope (Table 3).

Table 3 Depression Storage according to Land Use.

LAND USE TYPE	DESCRIPTION	DEPRESSION STORAGE LOSSES (MM)
Meadow	Meadow, various native plants	8
Solar Panel	Solar panel surface	0.5
Gravel Road	Gravel access roads	2
Mixed	Mixed surface types, such as the electrical station and storage areas	3

It is also considered that 25% of impervious surfaces do not contribute to the calculation of depression storage. These are "smooth" surfaces with no depression.

1.4 MANNING COEFFICIENT

To effectively represent the flow resistance of different surfaces, the hydrological model uses the Manning's n coefficient as an input. The higher this coefficient, the greater the resistance to flow. The coefficient is estimated for the different types of land use according to the values found in the literature (McCuen, R. et al. (1986), *Hydrology*, FHWA-SA-96-067, Federal Highway Administration, Washington, DC) and based on the designer's experience. The values used for this study are presented in Table 4.

Table 4 Manning's n according to Land use

NOM	DESCRIPTION	MANNING'S N FOR IMPERVIOUS SURFACES	MANNING'S N FOR PERVIOUS SURFACES
Meadow	Meadow, various native plants	0.016	0.13
Solar Panel	Solar panel surface	0.01	---
Gravel Road	Gravel access roads	0.016	0.25
Mixed	Mixed surface types, such as the electrical station and storage areas	0.016	0.25

APPENDIX

B DRAWINGS

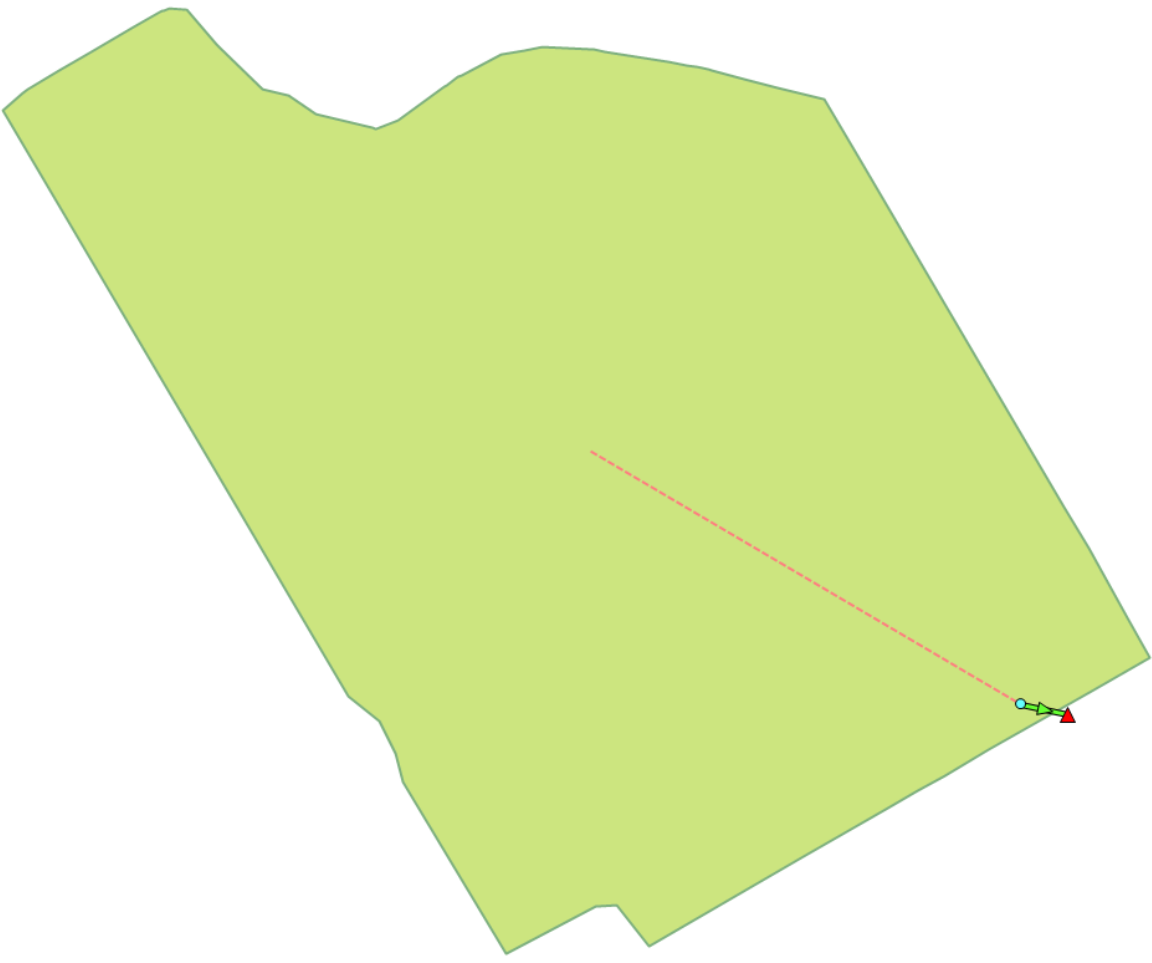


APPENDIX

C PCSWMM MODEL RESULTS



1 PRE-DEVELOPMENT CONDITIONS



1.1 2-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

Element Count

Number of rain gages 1
 Number of subcatchments ... 1
 Number of nodes 2
 Number of links 1
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_2ans_ACT	INTENSITY	10 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV11	40.32	800.00	5.00	0.2000	Raingage1	Barlow_J17

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_J17	JUNCTION	61.00	1.00	0.0	
Barlow_EXU2	OUTFALL	61.00	0.50	0.0	

 Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C5	Barlow_J17	Barlow_EXU2	CONDUIT	38.9	0.0008	0.0500

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C5	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	17.71

 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
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 02/06/2018 00:00:00
 Ending Date 02/07/2018 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec

Variable Time Step YES
 Maximum Trials 8
 Number of Threads 1
 Head Tolerance 0.001500 m

	Volume hectare-m	Depth mm

Runoff Quantity Continuity	-----	-----

Total Precipitation	1.135	28.145
Evaporation Loss	0.000	0.000
Infiltration Loss	1.022	25.342
Surface Runoff	0.064	1.592
Final Storage	0.049	1.220
Continuity Error (%)	-0.031	

	Volume hectare-m	Volume 10^6 ltr

Flow Routing Continuity	-----	-----

Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.064	0.642
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.064	0.642
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

 Time-Step Critical Elements

 None

 Highest Flow Instability Indexes

 All links are stable.

Routing Time Step Summary

Minimum Time Step : 0.50 sec
 Average Time Step : 1.00 sec
 Maximum Time Step : 1.00 sec
 Percent in Steady State : 0.00
 Average Iterations per Step : 2.00
 Percent Not Converging : 0.00

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
Barlow_BV11	28.15	0.00	0.00	25.34	1.59	0.64	86.06	0.057

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_J17	JUNCTION	0.05	0.34	61.34	0 03:00	0.34
Barlow_EXU2	OUTFALL	0.01	0.12	61.12	0 03:00	0.12

Node Inflow Summary

Maximum Lateral Inflow	Maximum Total Inflow	Time of Max Occurrence	Lateral Inflow Volume	Total Inflow Volume	Flow Balance Error
------------------------------	----------------------------	---------------------------	-----------------------------	---------------------------	--------------------------

Node	Type	LPS	LPS	days hr:min	10^6 ltr	10^6 ltr	Percent
Barlow_J17	JUNCTION	86.06	86.06	0 03:00	0.642	0.642	0.001
Barlow_EXU2	OUTFALL	0.00	85.75	0 03:00	0	0.642	0.000

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU2	23.50	31.61	85.75	0.642
System	23.50	31.61	85.75	0.642

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
Barlow_C5	CONDUIT	85.75	0 03:00	0.39	4.84	0.46

 Flow Classification Summary

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C5	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

Conduit	Hours Full		Hours Above Full		Hours
	Both Ends	Upstream	Dnstream	Normal Flow	Capacity Limited
Barlow_C5	0.01	0.01	0.01	3.23	0.01

Analysis begun on: Mon Apr 23 15:55:22 2018
 Analysis ended on: Mon Apr 23 15:55:23 2018
 Total elapsed time: 00:00:01

1.2 5-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

 Element Count

 Number of rain gages 1
 Number of subcatchments ... 1
 Number of nodes 2
 Number of links 1
 Number of pollutants 0
 Number of land uses 0

 Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_5ans_ACT	INTENSITY	10 min.

 Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV11	40.32	800.00	5.00	0.2000	Raingage1	Barlow_J17

 Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_J17	JUNCTION	61.00	1.00	0.0	
Barlow_EXU2	OUTFALL	61.00	0.50	0.0	

 Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C5	Barlow_J17	Barlow_EXU2	CONDUIT	38.9	0.0008	0.0500

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C5	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	17.71

 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
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed NO
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 02/06/2018 00:00:00
 Ending Date 02/07/2018 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 1
 Head Tolerance 0.001500 m

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	1.513	37.527
Evaporation Loss	0.000	0.000
Infiltration Loss	1.243	30.815
Surface Runoff	0.221	5.478
Final Storage	0.051	1.253
Continuity Error (%)	-0.049	

```

*****
Flow Routing Continuity          Volume      Volume
                                hectare-m   10^6 ltr
*****
Dry Weather Inflow .....      0.000      0.000
Wet Weather Inflow .....      0.221      2.209
Groundwater Inflow .....      0.000      0.000
RDII Inflow .....              0.000      0.000
External Inflow .....          0.000      0.000
External Outflow .....         0.221      2.209
Flooding Loss .....            0.000      0.000
Evaporation Loss .....         0.000      0.000
Exfiltration Loss .....        0.000      0.000
Initial Stored Volume ....      0.000      0.000
Final Stored Volume .....       0.000      0.000
Continuity Error (%) .....     0.000

```

```

*****
Time-Step Critical Elements
*****
None

```

```

*****
Highest Flow Instability Indexes
*****
All links are stable.

```

```

*****
Routing Time Step Summary
*****
Minimum Time Step      :      0.50 sec
Average Time Step      :      1.00 sec
Maximum Time Step      :      1.00 sec
Percent in Steady State :      0.00
Average Iterations per Step :      2.00
Percent Not Converging :      0.00

```

```

*****
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
Barlow_BV11	37.53	0.00	0.00	30.81	5.48	2.21	235.32	0.146

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_J17	JUNCTION	0.08	0.50	61.50	0 03:00	0.50
Barlow_EXU2	OUTFALL	0.03	0.21	61.21	0 03:00	0.21

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	Flow Balance Error Percent
Barlow_J17	JUNCTION	235.32	235.32	0 03:00	2.21	2.21	0.000
Barlow_EXU2	OUTFALL	0.00	235.13	0 03:00	0	2.21	0.000

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

 Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU2	29.23	87.46	235.13	2.209
System	29.23	87.46	235.13	2.209

 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
Barlow_C5	CONDUIT	235.13	0 03:00	0.55	13.28	0.71

 Flow Classification Summary

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class								
		Up		Down	Sub	Sup	Up	Down	Norm	Inlet
		Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl
Barlow_C5	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

```

-----
Conduit          ----- Hours Full -----      Hours      Hours
                  Both Ends  Upstream  Dnstream  Above Full  Capacity
                  -----      -----      -----      Normal Flow  Limited
-----
Barlow_C5                0.01      0.01      0.01      4.89      0.01

```

Analysis begun on: Mon Apr 23 16:00:13 2018
 Analysis ended on: Mon Apr 23 16:00:14 2018

Total elapsed time: 00:00:01

1.3 25-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

```

*****
Element Count
*****
Number of rain gages ..... 1
Number of subcatchments ... 1
Number of nodes ..... 2
Number of links ..... 1
Number of pollutants ..... 0
Number of land uses ..... 0

```

```

*****
Raingage Summary
*****

```

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_25ans_ACT	INTENSITY	10 min.

```

*****
Subcatchment Summary
*****

```

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
------	------	-------	---------	--------	-----------	--------

 Barlow_BV11 40.32 800.00 5.00 0.2000 Raingagel Barlow_J17

 Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_J17	JUNCTION	61.00	1.00	0.0	
Barlow_EXU2	OUTFALL	61.00	0.50	0.0	

 Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C5	Barlow_J17	Barlow_EXU2	CONDUIT	38.9	0.0008	0.0500

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C5	TRAPEZOIDAL	0.50	0.75	0.27	2.50	1	17.71

 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
 RDII NO

```

Snowmelt ..... NO
Groundwater ..... NO
Flow Routing ..... YES
Ponding Allowed ..... NO
Water Quality ..... NO
Infiltration Method ..... CURVE_NUMBER
Flow Routing Method ..... DYNWAVE
Starting Date ..... 02/06/2018 00:00:00
Ending Date ..... 02/07/2018 00:00:00
Antecedent Dry Days ..... 0.0
Report Time Step ..... 00:01:00
Wet Time Step ..... 00:05:00
Dry Time Step ..... 00:05:00
Routing Time Step ..... 1.00 sec
Variable Time Step ..... YES
Maximum Trials ..... 8
Number of Threads ..... 1
Head Tolerance ..... 0.001500 m

```

```

*****
Runoff Quantity Continuity      Volume      Depth
                                hectare-m    mm
*****
Total Precipitation .....      2.069      51.297
Evaporation Loss .....          0.000          0.000
Infiltration Loss .....          1.471      36.475
Surface Runoff .....            0.548      13.598
Final Storage .....             0.051       1.258
Continuity Error (%) .....     -0.066

```

```

*****
Flow Routing Continuity      Volume      Volume
                                hectare-m    10^6 ltr
*****
Dry Weather Inflow .....          0.000          0.000
Wet Weather Inflow .....          0.548          5.483
Groundwater Inflow .....          0.000          0.000
RDII Inflow .....               0.000          0.000
External Inflow .....            0.000          0.000
External Outflow .....            0.548          5.483
Flooding Loss .....              0.000          0.000
Evaporation Loss .....            0.000          0.000
Exfiltration Loss .....           0.000          0.000
Initial Stored Volume .....       0.000          0.000
Final Stored Volume .....         0.000          0.000

```

Continuity Error (%) 0.000

Time-Step Critical Elements

None

Highest Flow Instability Indexes

All links are stable.

Routing Time Step Summary

Minimum Time Step : 0.50 sec
Average Time Step : 1.00 sec
Maximum Time Step : 1.00 sec
Percent in Steady State : 0.00
Average Iterations per Step : 2.00
Percent Not Converging : 0.00

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
Barlow_BV11	51.30	0.00	0.00	36.48	13.60	5.48	530.61	0.265

Node Depth Summary

Average Maximum Maximum Time of Max Reported
Depth Depth HGL Occurrence Max Depth

Node	Type	Meters	Meters	Meters	days	hr:min	Meters
Barlow_J17	JUNCTION	0.15	0.93	61.93	0	02:30	0.93
Barlow_EXU2	OUTFALL	0.05	0.32	61.32	0	02:30	0.32

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	Flow Balance Error Percent
Barlow_J17	JUNCTION	530.61	530.61	0 02:30	5.48	5.48	0.000
Barlow_EXU2	OUTFALL	0.00	530.62	0 02:30	0	5.48	0.000

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
Barlow_J17	JUNCTION	2.77	0.432	0.068

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU2	33.82	187.63	530.62	5.483
System	33.82	187.63	530.62	5.483

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
Barlow_C5	CONDUIT	530.62	0 02:30	0.97	29.96	0.82

Flow Classification Summary

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C5	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00

Conduit Surcharge Summary

Conduit	Hours Full			Hours Above Full	
	Both Ends	Upstream	Dnstream	Normal Flow	Capacity Limited
Barlow_C5	0.01	2.77	0.01	6.02	0.01

Analysis begun on: Mon Apr 23 16:05:56 2018
Analysis ended on: Mon Apr 23 16:05:57 2018

Total elapsed time: 00:00:01

2 DURING CONSTRUCTION CONDITIONS



2.1 "QUALITY" STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

Element Count

Number of rain gages 2
 Number of subcatchments ... 36
 Number of nodes 30
 Number of links 35
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_4h	INTENSITY	10 min.
UnderPanels	NoRain	INTENSITY	1440 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV1	1.91	200.00	5.00	0.2000	Raingage1	Barlow_J23
Barlow_BV11	0.11	73.73	5.00	0.2000	Raingage1	Barlow_J32
Barlow_BV11_1	0.05	239.50	95.00	2.0000	Raingage1	Barlow_BV11_2
Barlow_BV11_2	1.56	170.00	5.00	0.2000	Raingage1	Barlow_J30
Barlow_BV11_3	0.03	105.00	95.00	2.0000	Raingage1	Barlow_BV6
Barlow_BV12	0.05	500.00	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_11	0.03	118.37	95.00	2.0000	Raingage1	Barlow_Pond1
Barlow_BV12_12	0.03	118.37	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_2	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50

Barlow_BV12_5	0.05	180.00	95.00	2.0000	Raingage1	Barlow_J20
Barlow_BV12_6	0.04	200.00	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J6
Barlow_BV13	7.19	220.00	5.00	0.2000	Raingage1	Barlow_J18
Barlow_BV13_1	0.06	190.00	95.00	2.0000	Raingage1	Barlow_BV13_3
Barlow_BV13_3	2.52	100.00	5.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV14_2	0.87	120.00	5.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV14_4	1.54	230.00	5.00	0.2000	Raingage1	Barlow_J18
Barlow_BV14_5	2.74	130.00	85.00	0.2000	Raingage1	Barlow_J25
Barlow_BV14_7	0.29	150.00	5.00	0.2000	Raingage1	Barlow_J27
Barlow_BV16_4	0.03	130.00	95.00	2.0000	Raingage1	Barlow_J3
Barlow_BV16_5	0.06	130.00	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV17_1	0.01	40.00	95.00	2.0000	Raingage1	Barlow_BV7_1
Barlow_BV17_2	0.01	40.00	95.00	2.0000	Raingage1	Barlow_BV7_2
Barlow_BV17_3	0.05	200.00	95.00	2.0000	Raingage1	Barlow_J22
Barlow_BV17_5	0.05	190.00	95.00	2.0000	Raingage1	Barlow_J23
Barlow_BV175	2.25	160.00	5.00	0.2000	Raingage1	Barlow_J28
Barlow_BV2	0.46	130.00	5.00	0.2000	Raingage1	Barlow_J3
Barlow_BV3	2.81	120.00	5.00	0.2000	Raingage1	Barlow_J31
Barlow_BV378_1	0.06	50.00	5.00	0.2000	Raingage1	Barlow_J32
Barlow_BV4	0.09	360.00	95.00	2.0000	Raingage1	Barlow_BV7_1
Barlow_BV5	0.10	360.00	95.00	2.0000	Raingage1	Barlow_BV7
Barlow_BV6	1.09	210.00	5.00	0.2000	Raingage1	Barlow_J22
Barlow_BV7	7.84	240.00	5.00	0.2000	Raingage1	Barlow_J13
Barlow_BV7_1	4.46	190.00	5.00	0.2000	Raingage1	Barlow_J20
Barlow_BV7_2	1.84	110.00	5.00	0.2000	Raingage1	Barlow_J19
Barlow_BV8_3	0.00	128.02	5.00	0.2000	Raingage1	Barlow_J2

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_EXU3	JUNCTION	60.45	2.55	1000.0	
Barlow_J1	JUNCTION	62.38	0.28	0.0	
Barlow_J11	JUNCTION	61.83	0.25	1000.0	
Barlow_J13	JUNCTION	61.85	0.50	1000.0	
Barlow_J14	JUNCTION	62.00	0.65	1000.0	
Barlow_J15	JUNCTION	61.59	1.91	1000.0	
Barlow_J17	JUNCTION	60.49	1.52	1000.0	
Barlow_J18	JUNCTION	61.88	0.50	1000.0	
Barlow_J19	JUNCTION	62.15	0.25	0.0	
Barlow_J2	JUNCTION	62.42	0.25	1000.0	

Barlow_J20	JUNCTION	62.25	0.25	1000.0
Barlow_J21	JUNCTION	61.50	2.00	1000.0
Barlow_J22	JUNCTION	62.36	0.25	1000.0
Barlow_J23	JUNCTION	62.44	0.25	1000.0
Barlow_J24	JUNCTION	61.80	0.53	1000.0
Barlow_J25	JUNCTION	62.10	0.50	1000.0
Barlow_J26	JUNCTION	62.40	0.28	1000.0
Barlow_J27	JUNCTION	61.85	1.15	1000.0
Barlow_J28	JUNCTION	61.75	0.35	1000.0
Barlow_J29	JUNCTION	61.88	0.50	0.0
Barlow_J3	JUNCTION	62.49	0.25	1000.0
Barlow_J30	JUNCTION	61.86	0.50	0.0
Barlow_J31	JUNCTION	62.19	0.50	0.0
Barlow_J32	JUNCTION	61.97	0.25	0.0
Barlow_J50	JUNCTION	61.97	0.50	1000.0
Barlow_J6	JUNCTION	62.25	0.29	1000.0
Barlow_J7	JUNCTION	61.77	0.55	1000.0
Barlow_EXU1	OUTFALL	60.42	0.25	0.0
Barlow_Pond1	STORAGE	61.55	0.30	0.0
Barlow_Pond2	STORAGE	61.60	0.30	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C10	Barlow_J32	Barlow_Pond2	CONDUIT	138.5	0.2672	0.0350
Barlow_C11	Barlow_J19	Barlow_J14	CONDUIT	111.6	0.1353	0.0350
Barlow_C11_2	Barlow_J31	Barlow_J18	CONDUIT	220.7	0.1368	0.0350
Barlow_C13	Barlow_J20	Barlow_J14	CONDUIT	192.3	0.1306	0.0350
Barlow_C14	Barlow_J17	Barlow_EXU3	CONDUIT	15.5	0.2582	0.0260
Barlow_C14_1	Barlow_J50	Barlow_J13	CONDUIT	135.7	0.0914	0.0350
Barlow_C14_2	Barlow_J13	Barlow_J11	CONDUIT	52.9	0.0302	0.0350
Barlow_C15	Barlow_J14	Barlow_J50	CONDUIT	15.7	0.1850	0.0130
Barlow_C16	Barlow_J23	Barlow_J26	CONDUIT	198.3	0.0181	0.0350
Barlow_C16_1	Barlow_J26	Barlow_J1	CONDUIT	26.1	0.0765	0.0350
Barlow_C16_3	Barlow_J1	Barlow_J22	CONDUIT	14.9	0.1340	0.0120
Barlow_C18_2	Barlow_J30	Barlow_Pond2	CONDUIT	20.0	1.3051	0.0350
Barlow_C18_3	Barlow_J18	Barlow_J29	CONDUIT	13.1	0.0076	0.0130
Barlow_C18_4	Barlow_J29	Barlow_J30	CONDUIT	305.8	0.0072	0.0350
Barlow_C19	Barlow_J17	Barlow_EXU3	CONDUIT	17.2	0.9283	0.0260
Barlow_C19_1	Barlow_J7	Barlow_J15	CONDUIT	127.1	0.1385	0.0350
Barlow_C19_2	Barlow_J15	Barlow_J21	CONDUIT	10.0	0.9000	0.0130
Barlow_C2	Barlow_J3	Barlow_J2	CONDUIT	131.0	0.0549	0.0350

Barlow_C20	Barlow_J27	Barlow_J7	CONDUIT	212.2	0.0396	0.0350
Barlow_C20_1	Barlow_J11	Barlow_J24	CONDUIT	91.1	0.0329	0.0350
Barlow_C20_2	Barlow_J24	Barlow_Pond1	CONDUIT	20.0	1.0001	0.0350
Barlow_C21	Barlow_J22	Barlow_J6	CONDUIT	209.1	0.0526	0.0350
Barlow_C23	Barlow_J28	Barlow_J17	CONDUIT	121.7	0.4274	0.0350
Barlow_C24	Barlow_J2	Barlow_J31	CONDUIT	35.9	0.6464	0.0350
Barlow_C26	Barlow_J25	Barlow_J30	CONDUIT	241.6	0.0989	0.0350
Barlow_C3	Barlow_J21	Barlow_J17	CONDUIT	102.5	0.2634	0.0350
Barlow_C4	Barlow_J1	Barlow_J22	CONDUIT	16.6	0.1203	0.0120
Barlow_C5	Barlow_EXU3	Barlow_EXU1	CONDUIT	8.7	0.3460	0.0350
Barlow_C9	Barlow_J6	Barlow_J19	CONDUIT	38.9	0.2574	0.0350
Barlow_C1	Barlow_Pond2	Barlow_J15	WEIR			
Barlow_C12	Barlow_Pond1	Barlow_J21	WEIR			
Barlow_S1	Barlow_J14	Barlow_J50	WEIR			
Barlow_S4	Barlow_J15	Barlow_J21	WEIR			
Barlow_C18	Barlow_Pond2	Barlow_J15	OUTLET			
Barlow_C25	Barlow_Pond1	Barlow_J21	OUTLET			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C10	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	153.84
Barlow_C11	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	109.47
Barlow_C11_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.10
Barlow_C13	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	107.54
Barlow_C14	FILLED_CIRCULAR	0.66	0.71	0.21	1.40	1	491.72
Barlow_C14_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	129.06
Barlow_C14_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	74.24
Barlow_C15	CIRCULAR	0.25	0.05	0.06	0.25	2	25.58
Barlow_C16	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	40.10
Barlow_C16_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	82.34
Barlow_C16_3	CIRCULAR	0.25	0.05	0.06	0.25	1	23.58
Barlow_C18_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	487.65
Barlow_C18_3	CIRCULAR	0.25	0.05	0.06	0.25	2	5.20
Barlow_C18_4	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	25.24
Barlow_C19	FILLED_CIRCULAR	0.78	0.88	0.24	1.40	1	1250.65
Barlow_C19_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.76
Barlow_C19_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1717.55
Barlow_C2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	69.76
Barlow_C20	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	59.22
Barlow_C20_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	77.48

Barlow_C20_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	426.87
Barlow_C21	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	68.27
Barlow_C23	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	194.58
Barlow_C24	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	239.28
Barlow_C26	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	134.25
Barlow_C3	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	152.75
Barlow_C4	CIRCULAR	0.25	0.05	0.06	0.25	1	22.34
Barlow_C5	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	175.07
Barlow_C9	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	151.00

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
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
Infiltration Method CURVE_NUMBER
Flow Routing Method DYNWAVE
Starting Date 04/23/2018 00:00:00
Ending Date 04/24/2018 12:00:00
Antecedent Dry Days 0.0
Report Time Step 00:01:00
Wet Time Step 00:05:00
Dry Time Step 00:05:00
Routing Time Step 1.00 sec
Variable Time Step YES
Maximum Trials 8
Number of Threads 2
Head Tolerance 0.001500 m

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*****
Runoff Quantity Continuity      Volume      Depth
                                hectare-m    mm
*****
Total Precipitation .....      1.008      25.010
Evaporation Loss .....          0.000      0.000
Infiltration Loss .....         0.827      20.508
Surface Runoff .....            0.131      3.248
Final Storage .....             0.051      1.264
Continuity Error (%) .....      -0.037

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*****
Flow Routing Continuity      Volume      Volume
                                hectare-m    10^6 ltr
*****
Dry Weather Inflow .....       0.000      0.000
Wet Weather Inflow .....       0.131      1.309
Groundwater Inflow .....       0.000      0.000
RDI Inflow .....               0.000      0.000
External Inflow .....          0.000      0.000
External Outflow .....         0.108      1.078
Flooding Loss .....            0.000      0.000
Evaporation Loss .....         0.000      0.000
Exfiltration Loss .....        0.000      0.000
Initial Stored Volume .....     0.000      0.000
Final Stored Volume .....       0.023      0.227
Continuity Error (%) .....      0.300

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*****
Highest Continuity Errors
*****
Node Barlow_J29 (2.60%)
Node Barlow_J31 (-2.38%)
Node Barlow_J26 (1.09%)
Node Barlow_J18 (1.04%)

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*****
Time-Step Critical Elements
*****
None

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*****
Highest Flow Instability Indexes

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Link Barlow_C19_2 (2)

Routing Time Step Summary

Minimum Time Step : 0.50 sec
 Average Time Step : 1.00 sec
 Maximum Time Step : 1.00 sec
 Percent in Steady State : 0.00
 Average Iterations per Step : 2.00
 Percent Not Converging : 0.00

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
Barlow_BV1	25.01	0.00	0.00	21.56	2.20	0.04	6.04	0.088
Barlow_BV11	25.01	0.00	0.00	20.46	3.29	0.00	0.65	0.131
Barlow_BV11_1	25.01	0.00	0.00	0.89	22.74	0.01	5.28	0.909
Barlow_BV11_2	25.01	0.68	0.00	21.64	2.82	0.04	5.99	0.110
Barlow_BV11_3	25.01	0.00	0.00	0.89	22.71	0.01	3.10	0.908
Barlow_BV12	25.01	0.00	0.00	0.89	22.73	0.01	5.45	0.909
Barlow_BV12_11	25.01	0.00	0.00	0.89	22.72	0.01	2.92	0.908
Barlow_BV12_12	25.01	0.00	0.00	0.89	22.72	0.01	3.00	0.908
Barlow_BV12_2	25.01	0.00	0.00	0.89	22.71	0.01	4.60	0.908
Barlow_BV12_5	25.01	0.00	0.00	0.89	22.71	0.01	5.40	0.908
Barlow_BV12_6	25.01	0.00	0.00	0.89	22.72	0.01	5.10	0.908
Barlow_BV12_8	25.01	0.00	0.00	0.89	22.70	0.00	0.25	0.908
Barlow_BV13	25.01	0.00	0.00	22.59	1.21	0.09	11.74	0.048
Barlow_BV13_1	25.01	0.00	0.00	0.89	22.71	0.01	6.53	0.908
Barlow_BV13_3	25.01	0.52	0.00	22.52	1.77	0.04	5.78	0.069
Barlow_BV14_2	25.01	0.00	0.00	21.34	2.40	0.02	3.07	0.096
Barlow_BV14_4	25.01	0.00	0.00	21.34	2.46	0.04	5.59	0.098
Barlow_BV14_5	25.01	0.00	0.00	2.95	20.61	0.57	148.16	0.824
Barlow_BV14_7	25.01	0.00	0.00	20.60	3.16	0.01	1.61	0.127
Barlow_BV16_4	25.01	0.00	0.00	0.89	22.72	0.01	3.64	0.908
Barlow_BV16_5	25.01	0.00	0.00	0.89	22.70	0.01	7.07	0.908

Barlow_BV17_1	25.01	0.00	0.00	0.89	22.71	0.00	1.26	0.908
Barlow_BV17_2	25.01	0.00	0.00	0.89	22.72	0.00	1.04	0.908
Barlow_BV17_3	25.01	0.00	0.00	0.89	22.71	0.01	6.01	0.908
Barlow_BV17_5	25.01	0.00	0.00	0.89	22.71	0.01	5.66	0.908
Barlow_BV175	25.01	0.00	0.00	21.86	1.88	0.04	6.09	0.075
Barlow_BV2	25.01	0.00	0.00	20.90	2.87	0.01	2.10	0.115
Barlow_BV3	25.01	0.00	0.00	22.30	1.47	0.04	5.76	0.059
Barlow_BV378_1	25.01	0.00	0.00	20.46	3.34	0.00	0.38	0.134
Barlow_BV4	25.01	0.00	0.00	0.89	22.71	0.02	10.76	0.908
Barlow_BV5	25.01	0.00	0.00	0.89	22.71	0.02	10.94	0.908
Barlow_BV6	25.01	0.57	0.00	21.19	3.17	0.03	5.11	0.124
Barlow_BV7	25.01	0.28	0.00	22.67	1.38	0.11	14.09	0.054
Barlow_BV7_1	25.01	0.54	0.00	22.45	1.84	0.08	10.75	0.072
Barlow_BV7_2	25.01	0.11	0.00	22.08	1.83	0.03	4.73	0.073
Barlow_BV8_3	25.01	0.00	0.00	20.01	4.06	0.00	0.04	0.162

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_EXU3	JUNCTION	0.06	0.10	60.55	0 06:00	0.10
Barlow_J1	JUNCTION	0.01	0.11	62.49	0 04:01	0.11
Barlow_J11	JUNCTION	0.02	0.17	62.00	0 04:14	0.17
Barlow_J13	JUNCTION	0.02	0.17	62.02	0 04:12	0.17
Barlow_J14	JUNCTION	0.02	0.12	62.12	0 04:09	0.12
Barlow_J15	JUNCTION	0.06	0.10	61.69	0 05:51	0.10
Barlow_J17	JUNCTION	0.71	0.78	61.27	0 06:00	0.78
Barlow_J18	JUNCTION	0.04	0.21	62.10	0 04:16	0.21
Barlow_J19	JUNCTION	0.01	0.10	62.25	0 04:03	0.10
Barlow_J2	JUNCTION	0.00	0.02	62.44	0 03:17	0.02
Barlow_J20	JUNCTION	0.01	0.08	62.33	0 04:01	0.08
Barlow_J21	JUNCTION	0.08	0.14	61.64	0 06:09	0.14
Barlow_J22	JUNCTION	0.02	0.13	62.49	0 04:00	0.13
Barlow_J23	JUNCTION	0.01	0.10	62.54	0 04:00	0.10
Barlow_J24	JUNCTION	0.01	0.07	61.87	0 04:16	0.07
Barlow_J25	JUNCTION	0.02	0.51	62.61	0 02:11	0.51
Barlow_J26	JUNCTION	0.01	0.09	62.49	0 04:03	0.09
Barlow_J27	JUNCTION	0.00	0.05	61.90	0 03:24	0.05
Barlow_J28	JUNCTION	0.00	0.06	61.81	0 03:40	0.06

Barlow_J29	JUNCTION	0.04	0.21	62.09	0	04:18	0.21
Barlow_J3	JUNCTION	0.01	0.06	62.55	0	03:10	0.06
Barlow_J30	JUNCTION	0.01	0.13	61.99	0	02:21	0.13
Barlow_J31	JUNCTION	0.01	0.07	62.26	0	04:01	0.07
Barlow_J32	JUNCTION	0.00	0.09	62.06	0	02:02	0.09
Barlow_J50	JUNCTION	0.01	0.11	62.08	0	04:13	0.11
Barlow_J6	JUNCTION	0.01	0.06	62.31	0	04:07	0.06
Barlow_J7	JUNCTION	0.00	0.02	61.79	0	04:10	0.02
Barlow_EXU1	OUTFALL	0.03	0.05	60.47	0	06:00	0.05
Barlow_Pond1	STORAGE	0.06	0.17	61.77	0	06:08	0.17
Barlow_Pond2	STORAGE	0.10	0.19	61.79	0	05:54	0.19

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	Flow Balance Error Percent
Barlow_EXU3	JUNCTION	0.00	24.06	0 06:00	0	1.08	0.012
Barlow_J1	JUNCTION	0.00	6.38	0 04:10	0	0.0539	-0.021
Barlow_J11	JUNCTION	0.00	36.99	0 04:08	0	0.354	0.102
Barlow_J13	JUNCTION	14.09	38.19	0 04:00	0.108	0.354	0.093
Barlow_J14	JUNCTION	0.00	25.59	0 04:01	0	0.228	0.372
Barlow_J15	JUNCTION	0.00	13.04	0 05:46	0	0.681	0.229
Barlow_J17	JUNCTION	0.00	24.06	0 05:59	0	1.08	0.179
Barlow_J18	JUNCTION	17.02	24.96	0 04:00	0.125	0.202	1.048
Barlow_J19	JUNCTION	4.73	14.99	0 04:00	0.0336	0.134	0.005
Barlow_J2	JUNCTION	0.04	2.34	0 03:11	8.11e-005	0.0206	0.223
Barlow_J20	JUNCTION	11.00	11.00	0 04:00	0.0931	0.0931	-0.661
Barlow_J21	JUNCTION	0.00	23.95	0 06:02	0	1.04	0.096
Barlow_J22	JUNCTION	6.01	10.54	0 03:58	0.0466	0.1	-0.051
Barlow_J23	JUNCTION	6.34	6.34	0 03:40	0.0532	0.0532	-1.005
Barlow_J24	JUNCTION	0.00	36.80	0 04:14	0	0.354	-0.069
Barlow_J25	JUNCTION	148.16	148.16	0 02:00	0.565	0.565	0.383
Barlow_J26	JUNCTION	0.00	6.23	0 04:00	0	0.0539	1.105
Barlow_J27	JUNCTION	1.61	1.61	0 02:45	0.00914	0.00914	-1.697
Barlow_J28	JUNCTION	6.09	6.09	0 04:00	0.0424	0.0424	1.567
Barlow_J29	JUNCTION	0.00	22.34	0 04:00	0	0.208	2.664
Barlow_J3	JUNCTION	3.64	3.64	0 02:00	0.0205	0.0205	-0.214
Barlow_J30	JUNCTION	5.99	125.09	0 02:21	0.0441	0.81	-0.356

Barlow_J31	JUNCTION	7.07	8.11	0	04:00	0.0554	0.0759	-2.322
Barlow_J32	JUNCTION	9.10	9.10	0	02:00	0.0223	0.0223	-3.606
Barlow_J50	JUNCTION	9.69	24.90	0	04:08	0.0194	0.247	-0.140
Barlow_J6	JUNCTION	0.25	10.48	0	04:01	0.000499	0.1	0.069
Barlow_J7	JUNCTION	0.00	1.35	0	03:41	0	0.0093	0.787
Barlow_EXU1	OUTFALL	0.00	24.06	0	06:00	0	1.08	0.000
Barlow_Pond1	STORAGE	3.25	38.72	0	04:12	0.0268	0.381	0.088
Barlow_Pond2	STORAGE	5.78	126.30	0	02:24	0.0444	0.873	0.510

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
Barlow_J25	JUNCTION	0.42	0.262	0.000

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 Poned Depth Meters
Barlow_J25	0.40	66.13	0 02:00	0.016	0.012

Storage Volume Summary

Storage Unit	Average Volume 1000 m3	Avg Pcnt Full	Evap Loss	Exfil Loss	Maximum Volume 1000 m3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
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Barlow_Pond1      0.086    19    0    0      0.259    58    0  06:08    10.95
Barlow_Pond2      0.361    34    0    0      0.665    63    0  05:54    12.75

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*****
Outfall Loading Summary
*****

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-----
                Flow      Avg      Max      Total
                Freq      Flow      Flow      Volume
Outfall Node    Pcnt      LPS      LPS      10^6 ltr
-----
Barlow_EXU1     92.92     8.95     24.06     1.078
-----
System          92.92     8.95     24.06     1.078

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*****
Link Flow Summary
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                Maximum      Time of Max      Maximum      Max/      Max/
                |Flow|      Occurrence      |Veloc|      Full      Full
Link           Type          LPS      days hr:min      m/sec      Flow      Depth
-----
Barlow_C10     CONDUIT      6.53      0  02:03      0.18      0.04      0.38
Barlow_C11     CONDUIT     14.81      0  04:03      0.14      0.14      0.44
Barlow_C11_2   CONDUIT      7.95      0  04:01      0.13      0.07      0.56
Barlow_C13     CONDUIT     10.80      0  04:01      0.12      0.10      0.41
Barlow_C14     CONDUIT      7.31      0  06:00      0.21      0.01      0.04
Barlow_C14_1   CONDUIT     24.78      0  04:13      0.11      0.19      0.56
Barlow_C14_2   CONDUIT     36.99      0  04:08      0.13      0.50      0.68
Barlow_C15     CONDUIT     24.87      0  04:09      0.57      0.49      0.46
Barlow_C16     CONDUIT      6.23      0  04:00      0.07      0.16      0.39
Barlow_C16_1   CONDUIT      6.38      0  04:10      0.07      0.08      0.40
Barlow_C16_3   CONDUIT      3.36      0  04:11      0.16      0.14      0.47
Barlow_C18_2   CONDUIT    121.31      0  02:24      1.08      0.25      0.47
Barlow_C18_3   CONDUIT     22.34      0  04:00      0.27      2.15      0.85
Barlow_C18_4   CONDUIT     19.70      0  04:14      0.13      0.78      0.56
Barlow_C19     CONDUIT     16.75      0  06:00      0.41      0.01      0.04
Barlow_C19_1   CONDUIT      1.15      0  04:10      0.03      0.01      0.23
Barlow_C19_2   CONDUIT     13.04      0  05:51      0.43      0.01      0.13

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Barlow_C2	CONDUIT	2.34	0	03:11	0.08	0.03	0.17		
Barlow_C20	CONDUIT	1.35	0	03:41	0.06	0.02	0.14		
Barlow_C20_1	CONDUIT	36.80	0	04:14	0.21	0.47	0.48		
Barlow_C20_2	CONDUIT	36.78	0	04:16	0.40	0.09	0.43		
Barlow_C21	CONDUIT	10.47	0	04:01	0.13	0.15	0.37		
Barlow_C23	CONDUIT	6.15	0	03:53	0.20	0.03	0.18		
Barlow_C24	CONDUIT	2.33	0	03:17	0.08	0.01	0.18		
Barlow_C26	CONDUIT	122.76	0	02:18	0.37	0.91	0.76		
Barlow_C3	CONDUIT	23.93	0	06:09	0.27	0.16	0.39		
Barlow_C4	CONDUIT	3.14	0	04:11	0.15	0.14	0.47		
Barlow_C5	CONDUIT	24.06	0	06:00	0.37	0.14	0.32		
Barlow_C9	CONDUIT	10.34	0	04:05	0.17	0.07	0.31		
Barlow_C1	WEIR	0.00	0	00:00			0.00		
Barlow_C12	WEIR	0.00	0	00:00			0.00		
Barlow_S1	WEIR	0.00	0	00:00			0.00		
Barlow_S4	WEIR	0.00	0	00:00			0.00		
Barlow_C18	DUMMY	12.75	0	05:58					
Barlow_C25	DUMMY	10.95	0	06:07					

Flow Classification Summary

Conduit	Adjusted /Actual Length	Fraction of Time in Flow Class								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C10	1.00	0.00	0.07	0.00	0.93	0.00	0.00	0.00	0.93	0.00
Barlow_C11	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.97	0.00
Barlow_C11_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
Barlow_C13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.93	0.00
Barlow_C14	1.00	0.07	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00
Barlow_C14_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.94	0.00
Barlow_C14_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.74	0.00
Barlow_C15	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.08
Barlow_C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.86	0.00
Barlow_C16_1	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.00
Barlow_C16_3	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.65
Barlow_C18_2	1.00	0.01	0.00	0.00	0.96	0.03	0.00	0.00	0.92	0.00
Barlow_C18_3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
Barlow_C18_4	1.00	0.01	0.03	0.00	0.96	0.00	0.00	0.00	0.00	0.00
Barlow_C19	1.00	0.07	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00
Barlow_C19_1	1.00	0.03	0.04	0.00	0.94	0.00	0.00	0.00	0.94	0.00

Barlow_C19_2	1.00	0.01	0.01	0.00	0.96	0.02	0.00	0.00	0.00	0.94
Barlow_C2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20	1.00	0.06	0.00	0.00	0.94	0.00	0.00	0.00	0.86	0.00
Barlow_C20_1	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
Barlow_C20_2	1.00	0.01	0.04	0.00	0.95	0.00	0.00	0.00	0.91	0.00
Barlow_C21	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C23	1.00	0.06	0.41	0.00	0.52	0.00	0.00	0.01	0.87	0.00
Barlow_C24	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Barlow_C26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.08	0.00
Barlow_C3	1.00	0.01	0.00	0.00	0.02	0.00	0.00	0.97	0.00	0.00
Barlow_C4	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.00	0.63
Barlow_C5	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
Barlow_C9	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

Conduit	Hours Full			Hours Above Full	
	Both Ends	Upstream	Dnstream	Normal Flow	Capacity Limited
Barlow_C18_3	0.01	0.01	0.01	2.37	0.01
Barlow_C26	0.01	0.42	0.01	0.01	0.01

Analysis begun on: Mon Apr 23 15:22:09 2018
 Analysis ended on: Mon Apr 23 15:22:18 2018

Total elapsed time: 00:00:09

2.2 2-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

 Element Count

 Number of rain gages 2
 Number of subcatchments ... 36

Number of nodes 30
 Number of links 35
 Number of pollutants 0
 Number of land uses 0

 Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_2ans_ACT	INTENSITY	10 min.
UnderPanels	NoRain	INTENSITY	1440 min.

 Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV1	1.91	200.00	5.00	0.2000	Raingage1	Barlow_J23
Barlow_BV11	0.11	73.73	5.00	0.2000	Raingage1	Barlow_J32
Barlow_BV11_1	0.05	239.50	95.00	2.0000	Raingage1	Barlow_BV11_2
Barlow_BV11_2	1.56	170.00	5.00	0.2000	Raingage1	Barlow_J30
Barlow_BV11_3	0.03	105.00	95.00	2.0000	Raingage1	Barlow_BV6
Barlow_BV12	0.05	500.00	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_11	0.03	118.37	95.00	2.0000	Raingage1	Barlow_Pond1
Barlow_BV12_12	0.03	118.37	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_2	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_5	0.05	180.00	95.00	2.0000	Raingage1	Barlow_J20
Barlow_BV12_6	0.04	200.00	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J6
Barlow_BV13	7.19	220.00	5.00	0.2000	Raingage1	Barlow_J18
Barlow_BV13_1	0.06	190.00	95.00	2.0000	Raingage1	Barlow_BV13_3
Barlow_BV13_3	2.52	100.00	5.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV14_2	0.87	120.00	5.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV14_4	1.54	230.00	5.00	0.2000	Raingage1	Barlow_J18
Barlow_BV14_5	2.74	130.00	85.00	0.2000	Raingage1	Barlow_J25
Barlow_BV14_7	0.29	150.00	5.00	0.2000	Raingage1	Barlow_J27
Barlow_BV16_4	0.03	130.00	95.00	2.0000	Raingage1	Barlow_J3
Barlow_BV16_5	0.06	130.00	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV17_1	0.01	40.00	95.00	2.0000	Raingage1	Barlow_BV7_1
Barlow_BV17_2	0.01	40.00	95.00	2.0000	Raingage1	Barlow_BV7_2
Barlow_BV17_3	0.05	200.00	95.00	2.0000	Raingage1	Barlow_J22

Barlow_BV17_5	0.05	190.00	95.00	2.0000	Raingage1	Barlow_J23
Barlow_BV175	2.25	160.00	5.00	0.2000	Raingage1	Barlow_J28
Barlow_BV2	0.46	130.00	5.00	0.2000	Raingage1	Barlow_J3
Barlow_BV3	2.81	120.00	5.00	0.2000	Raingage1	Barlow_J31
Barlow_BV378_1	0.06	50.00	5.00	0.2000	Raingage1	Barlow_J32
Barlow_BV4	0.09	360.00	95.00	2.0000	Raingage1	Barlow_BV7_1
Barlow_BV5	0.10	360.00	95.00	2.0000	Raingage1	Barlow_BV7
Barlow_BV6	1.09	210.00	5.00	0.2000	Raingage1	Barlow_J22
Barlow_BV7	7.84	240.00	5.00	0.2000	Raingage1	Barlow_J13
Barlow_BV7_1	4.46	190.00	5.00	0.2000	Raingage1	Barlow_J20
Barlow_BV7_2	1.84	110.00	5.00	0.2000	Raingage1	Barlow_J19
Barlow_BV8_3	0.00	128.02	5.00	0.2000	Raingage1	Barlow_J2

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_EXU3	JUNCTION	60.45	2.55	1000.0	
Barlow_J1	JUNCTION	62.38	0.28	0.0	
Barlow_J11	JUNCTION	61.83	0.25	1000.0	
Barlow_J13	JUNCTION	61.85	0.50	1000.0	
Barlow_J14	JUNCTION	62.00	0.65	1000.0	
Barlow_J15	JUNCTION	61.59	1.91	1000.0	
Barlow_J17	JUNCTION	60.49	1.52	1000.0	
Barlow_J18	JUNCTION	61.88	0.50	1000.0	
Barlow_J19	JUNCTION	62.15	0.25	0.0	
Barlow_J2	JUNCTION	62.42	0.25	1000.0	
Barlow_J20	JUNCTION	62.25	0.25	1000.0	
Barlow_J21	JUNCTION	61.50	2.00	1000.0	
Barlow_J22	JUNCTION	62.36	0.25	1000.0	
Barlow_J23	JUNCTION	62.44	0.25	1000.0	
Barlow_J24	JUNCTION	61.80	0.53	1000.0	
Barlow_J25	JUNCTION	62.10	0.50	1000.0	
Barlow_J26	JUNCTION	62.40	0.28	1000.0	
Barlow_J27	JUNCTION	61.85	1.15	1000.0	
Barlow_J28	JUNCTION	61.75	0.35	1000.0	
Barlow_J29	JUNCTION	61.88	0.50	0.0	
Barlow_J3	JUNCTION	62.49	0.25	1000.0	
Barlow_J30	JUNCTION	61.86	0.50	0.0	
Barlow_J31	JUNCTION	62.19	0.50	0.0	
Barlow_J32	JUNCTION	61.97	0.25	0.0	
Barlow_J50	JUNCTION	61.97	0.50	1000.0	

Barlow_J6	JUNCTION	62.25	0.29	1000.0
Barlow_J7	JUNCTION	61.77	0.55	1000.0
Barlow_EXU1	OUTFALL	60.42	0.25	0.0
Barlow_Pond1	STORAGE	61.55	0.35	0.0
Barlow_Pond2	STORAGE	61.60	0.30	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C10	Barlow_J32	Barlow_Pond2	CONDUIT	138.5	0.2672	0.0350
Barlow_C11	Barlow_J19	Barlow_J14	CONDUIT	111.6	0.1353	0.0350
Barlow_C11_2	Barlow_J31	Barlow_J18	CONDUIT	220.7	0.1368	0.0350
Barlow_C13	Barlow_J20	Barlow_J14	CONDUIT	192.3	0.1306	0.0350
Barlow_C14	Barlow_J17	Barlow_EXU3	CONDUIT	15.5	0.2582	0.0260
Barlow_C14_1	Barlow_J50	Barlow_J13	CONDUIT	135.7	0.0914	0.0350
Barlow_C14_2	Barlow_J13	Barlow_J11	CONDUIT	52.9	0.0302	0.0350
Barlow_C15	Barlow_J14	Barlow_J50	CONDUIT	15.7	0.1850	0.0130
Barlow_C16	Barlow_J23	Barlow_J26	CONDUIT	198.3	0.0181	0.0350
Barlow_C16_1	Barlow_J26	Barlow_J1	CONDUIT	26.1	0.0765	0.0350
Barlow_C16_3	Barlow_J1	Barlow_J22	CONDUIT	14.9	0.1340	0.0120
Barlow_C18_2	Barlow_J30	Barlow_Pond2	CONDUIT	20.0	1.3051	0.0350
Barlow_C18_3	Barlow_J18	Barlow_J29	CONDUIT	13.1	0.0076	0.0130
Barlow_C18_4	Barlow_J29	Barlow_J30	CONDUIT	305.8	0.0072	0.0350
Barlow_C19	Barlow_J17	Barlow_EXU3	CONDUIT	17.2	0.9283	0.0260
Barlow_C19_1	Barlow_J7	Barlow_J15	CONDUIT	127.1	0.1385	0.0350
Barlow_C19_2	Barlow_J15	Barlow_J21	CONDUIT	10.0	0.9000	0.0130
Barlow_C2	Barlow_J3	Barlow_J2	CONDUIT	131.0	0.0549	0.0350
Barlow_C20	Barlow_J27	Barlow_J7	CONDUIT	212.2	0.0396	0.0350
Barlow_C20_1	Barlow_J11	Barlow_J24	CONDUIT	91.1	0.0329	0.0350
Barlow_C20_2	Barlow_J24	Barlow_Pond1	CONDUIT	20.0	1.2501	0.0350
Barlow_C21	Barlow_J22	Barlow_J6	CONDUIT	209.1	0.0526	0.0350
Barlow_C23	Barlow_J28	Barlow_J17	CONDUIT	121.7	0.4274	0.0350
Barlow_C24	Barlow_J2	Barlow_J31	CONDUIT	35.9	0.6464	0.0350
Barlow_C26	Barlow_J25	Barlow_J30	CONDUIT	241.6	0.0989	0.0350
Barlow_C3	Barlow_J21	Barlow_J17	CONDUIT	102.5	0.2634	0.0350
Barlow_C4	Barlow_J1	Barlow_J22	CONDUIT	16.6	0.1203	0.0120
Barlow_C5	Barlow_EXU3	Barlow_EXU1	CONDUIT	8.7	0.3460	0.0350
Barlow_C9	Barlow_J6	Barlow_J19	CONDUIT	38.9	0.2574	0.0350
Barlow_C1	Barlow_Pond2	Barlow_J15	WEIR			
Barlow_C12	Barlow_Pond1	Barlow_J21	WEIR			
Barlow_S1	Barlow_J14	Barlow_J50	WEIR			
Barlow_S4	Barlow_J15	Barlow_J21	WEIR			

Barlow_C18 Barlow_Pond2 Barlow_J15 OUTLET
 Barlow_C25 Barlow_Pond1 Barlow_J21 OUTLET

 Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C10	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	153.84
Barlow_C11	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	109.47
Barlow_C11_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.10
Barlow_C13	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	107.54
Barlow_C14	FILLED_CIRCULAR	0.66	0.71	0.21	1.40	1	491.72
Barlow_C14_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	129.06
Barlow_C14_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	74.24
Barlow_C15	CIRCULAR	0.25	0.05	0.06	0.25	2	25.58
Barlow_C16	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	40.10
Barlow_C16_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	82.34
Barlow_C16_3	CIRCULAR	0.25	0.05	0.06	0.25	1	23.58
Barlow_C18_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	487.65
Barlow_C18_3	CIRCULAR	0.25	0.05	0.06	0.25	2	5.20
Barlow_C18_4	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	25.24
Barlow_C19	FILLED_CIRCULAR	0.78	0.88	0.24	1.40	1	1250.65
Barlow_C19_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.76
Barlow_C19_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1717.55
Barlow_C2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	69.76
Barlow_C20	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	59.22
Barlow_C20_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	77.48
Barlow_C20_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	477.26
Barlow_C21	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	68.27
Barlow_C23	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	194.58
Barlow_C24	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	239.28
Barlow_C26	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	134.25
Barlow_C3	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	152.75
Barlow_C4	CIRCULAR	0.25	0.05	0.06	0.25	1	22.34
Barlow_C5	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	175.07
Barlow_C9	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	151.00

 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
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 04/23/2018 00:00:00
 Ending Date 04/24/2018 12:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 2
 Head Tolerance 0.001500 m

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	1.135	28.145
Evaporation Loss	0.000	0.000
Infiltration Loss	0.905	22.437
Surface Runoff	0.180	4.472
Final Storage	0.051	1.259
Continuity Error (%)	-0.082	

*****	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr
*****	-----	-----
Dry Weather Inflow	0.000	0.000

Wet Weather Inflow	0.180	1.803
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.154	1.538
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.026	0.257
Continuity Error (%)	0.427	

Highest Continuity Errors

Node Barlow_J31 (-2.68%)
Node Barlow_J29 (2.42%)
Node Barlow_J18 (2.26%)
Node Barlow_J26 (1.25%)

Time-Step Critical Elements

None

Highest Flow Instability Indexes

Link Barlow_C19_2 (2)

Routing Time Step Summary

Minimum Time Step	:	0.14 sec
Average Time Step	:	1.00 sec
Maximum Time Step	:	1.00 sec
Percent in Steady State	:	0.00
Average Iterations per Step	:	2.00
Percent Not Converging	:	0.01

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
Barlow_BV1	28.14	0.00	0.00	23.42	3.51	0.07	10.24	0.125
Barlow_BV11	28.15	0.00	0.00	22.01	4.93	0.01	1.06	0.175
Barlow_BV11_1	28.15	0.00	0.00	0.93	25.92	0.01	8.84	0.921
Barlow_BV11_2	28.15	0.77	0.00	23.42	4.25	0.07	9.92	0.147
Barlow_BV11_3	28.14	0.00	0.00	0.93	25.91	0.01	5.20	0.921
Barlow_BV12	28.15	0.00	0.00	0.93	25.93	0.01	9.07	0.921
Barlow_BV12_11	28.14	0.00	0.00	0.93	25.91	0.01	4.89	0.921
Barlow_BV12_12	28.15	0.00	0.00	0.93	25.91	0.01	5.03	0.921
Barlow_BV12_2	28.14	0.00	0.00	0.93	25.90	0.01	7.71	0.920
Barlow_BV12_5	28.15	0.00	0.00	0.93	25.91	0.01	9.05	0.921
Barlow_BV12_6	28.14	0.00	0.00	0.93	25.91	0.01	8.53	0.921
Barlow_BV12_8	28.15	0.00	0.00	0.93	25.89	0.00	0.42	0.920
Barlow_BV13	28.14	0.00	0.00	24.84	2.07	0.15	21.08	0.074
Barlow_BV13_1	28.14	0.00	0.00	0.93	25.90	0.01	10.95	0.920
Barlow_BV13_3	28.15	0.59	0.00	24.74	2.82	0.07	9.85	0.098
Barlow_BV14_2	28.14	0.00	0.00	23.12	3.79	0.03	5.23	0.135
Barlow_BV14_4	28.14	0.00	0.00	23.02	3.87	0.06	9.52	0.138
Barlow_BV14_5	28.15	0.00	0.00	3.17	23.59	0.65	238.93	0.838
Barlow_BV14_7	28.15	0.00	0.00	22.11	4.78	0.01	2.83	0.170
Barlow_BV16_4	28.14	0.00	0.00	0.93	25.91	0.01	6.10	0.921
Barlow_BV16_5	28.14	0.00	0.00	0.93	25.89	0.02	11.88	0.920
Barlow_BV17_1	28.14	0.00	0.00	0.93	25.91	0.00	2.11	0.920
Barlow_BV17_2	28.14	0.00	0.00	0.93	25.91	0.00	1.73	0.921
Barlow_BV17_3	28.15	0.00	0.00	0.93	25.91	0.01	10.08	0.921
Barlow_BV17_5	28.14	0.00	0.00	0.93	25.91	0.01	9.49	0.921
Barlow_BV175	28.14	0.00	0.00	23.83	3.08	0.07	10.36	0.109
Barlow_BV2	28.15	0.00	0.00	22.51	4.41	0.02	3.61	0.157
Barlow_BV3	28.15	0.00	0.00	24.43	2.47	0.07	10.14	0.088
Barlow_BV378_1	28.14	0.00	0.00	21.91	5.01	0.00	0.68	0.178
Barlow_BV4	28.15	0.00	0.00	0.93	25.91	0.02	18.04	0.921
Barlow_BV5	28.14	0.00	0.00	0.93	25.91	0.02	18.34	0.920
Barlow_BV6	28.14	0.65	0.00	22.82	4.73	0.05	8.57	0.164
Barlow_BV7	28.15	0.32	0.00	24.94	2.29	0.18	24.72	0.080
Barlow_BV7_1	28.15	0.61	0.00	24.63	2.93	0.13	18.22	0.102
Barlow_BV7_2	28.14	0.13	0.00	24.13	2.98	0.05	8.08	0.105
Barlow_BV8_3	28.14	0.00	0.00	21.40	6.66	0.00	0.10	0.237

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_EXU3	JUNCTION	0.07	0.17	60.62	0 04:07	0.17
Barlow_J1	JUNCTION	0.01	0.14	62.52	0 02:53	0.14
Barlow_J11	JUNCTION	0.03	0.22	62.05	0 03:10	0.22
Barlow_J13	JUNCTION	0.02	0.22	62.07	0 03:09	0.22
Barlow_J14	JUNCTION	0.02	0.17	62.17	0 03:07	0.17
Barlow_J15	JUNCTION	0.06	0.18	61.77	0 04:03	0.18
Barlow_J17	JUNCTION	0.73	0.81	61.30	0 04:07	0.81
Barlow_J18	JUNCTION	0.04	0.50	62.38	0 02:54	0.38
Barlow_J19	JUNCTION	0.01	0.13	62.28	0 03:01	0.13
Barlow_J2	JUNCTION	0.00	0.03	62.45	0 02:09	0.03
Barlow_J20	JUNCTION	0.01	0.11	62.36	0 03:00	0.11
Barlow_J21	JUNCTION	0.09	0.24	61.74	0 04:07	0.24
Barlow_J22	JUNCTION	0.02	0.16	62.52	0 02:52	0.16
Barlow_J23	JUNCTION	0.01	0.13	62.57	0 02:51	0.13
Barlow_J24	JUNCTION	0.01	0.09	61.89	0 03:12	0.09
Barlow_J25	JUNCTION	0.03	0.55	62.65	0 01:35	0.55
Barlow_J26	JUNCTION	0.01	0.12	62.52	0 02:56	0.12
Barlow_J27	JUNCTION	0.00	0.06	61.91	0 02:18	0.06
Barlow_J28	JUNCTION	0.00	0.08	61.83	0 02:42	0.08
Barlow_J29	JUNCTION	0.04	0.50	62.38	0 02:54	0.36
Barlow_J3	JUNCTION	0.01	0.08	62.57	0 02:02	0.08
Barlow_J30	JUNCTION	0.01	0.14	62.00	0 02:03	0.14
Barlow_J31	JUNCTION	0.01	0.09	62.28	0 03:03	0.09
Barlow_J32	JUNCTION	0.00	0.12	62.09	0 01:22	0.12
Barlow_J50	JUNCTION	0.02	0.14	62.11	0 03:11	0.14
Barlow_J6	JUNCTION	0.01	0.08	62.33	0 03:03	0.08
Barlow_J7	JUNCTION	0.00	0.03	61.80	0 03:02	0.03
Barlow_EXU1	OUTFALL	0.03	0.11	60.53	0 04:07	0.11
Barlow_Pond1	STORAGE	0.09	0.23	61.78	0 04:01	0.23
Barlow_Pond2	STORAGE	0.11	0.22	61.82	0 04:00	0.22

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	Flow Balance Error Percent
Barlow_EXU3	JUNCTION	0.00	86.19	0 04:07	0	1.54	0.010
Barlow_J1	JUNCTION	0.00	10.84	0 03:07	0	0.0824	-0.030
Barlow_J11	JUNCTION	0.00	64.25	0 03:05	0	0.545	0.072
Barlow_J13	JUNCTION	24.72	65.97	0 03:00	0.179	0.545	0.091
Barlow_J14	JUNCTION	0.00	43.73	0 03:01	0	0.346	0.421
Barlow_J15	JUNCTION	0.00	40.71	0 03:58	0	0.938	0.189
Barlow_J17	JUNCTION	0.00	86.21	0 04:06	0	1.54	0.087
Barlow_J18	JUNCTION	29.58	60.26	0 02:55	0.209	0.327	2.313
Barlow_J19	JUNCTION	8.08	25.57	0 03:00	0.0548	0.2	-0.009
Barlow_J2	JUNCTION	0.10	4.04	0 02:03	0.000133	0.0288	0.321
Barlow_J20	JUNCTION	18.60	18.60	0 03:00	0.143	0.143	-0.830
Barlow_J21	JUNCTION	0.00	84.86	0 04:02	0	1.47	-0.010
Barlow_J22	JUNCTION	10.67	17.63	0 02:48	0.0652	0.147	-0.178
Barlow_J23	JUNCTION	10.74	10.74	0 02:30	0.0799	0.0799	-1.184
Barlow_J24	JUNCTION	0.00	63.98	0 03:11	0	0.544	-0.057
Barlow_J25	JUNCTION	238.93	238.93	0 01:20	0.647	0.647	0.002
Barlow_J26	JUNCTION	0.00	10.48	0 02:51	0	0.0818	1.264
Barlow_J27	JUNCTION	2.83	2.83	0 01:40	0.0138	0.0138	-2.000
Barlow_J28	JUNCTION	10.36	10.36	0 03:00	0.0692	0.0692	5.004
Barlow_J29	JUNCTION	0.00	65.23	0 02:54	0	0.326	2.477
Barlow_J3	JUNCTION	6.23	6.23	0 01:20	0.0286	0.0286	-0.321
Barlow_J30	JUNCTION	9.92	152.67	0 02:03	0.0665	1.03	-0.399
Barlow_J31	JUNCTION	11.90	13.78	0 03:00	0.0855	0.114	-2.611
Barlow_J32	JUNCTION	15.21	15.21	0 01:20	0.0274	0.0274	-4.321
Barlow_J50	JUNCTION	16.25	42.49	0 03:07	0.0221	0.367	-0.169
Barlow_J6	JUNCTION	0.42	17.64	0 02:57	0.00057	0.146	0.187
Barlow_J7	JUNCTION	0.00	2.28	0 02:31	0	0.0141	-0.419
Barlow_EXU1	OUTFALL	0.00	86.19	0 04:07	0	1.54	0.000
Barlow_Pond1	STORAGE	5.51	67.34	0 03:08	0.0398	0.585	0.114
Barlow_Pond2	STORAGE	9.85	157.42	0 02:03	0.071	1.13	0.449

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
Barlow_J18	JUNCTION	0.98	0.250	0.000
Barlow_J25	JUNCTION	0.78	0.304	0.000
Barlow_J29	JUNCTION	0.81	0.250	0.000

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 Poned Depth Meters
Barlow_J18	0.01	25.29	0 02:55	0.000	0.000
Barlow_J25	0.76	140.66	0 01:20	0.071	0.054
Barlow_J29	0.01	5.68	0 02:54	0.000	0.000

Storage Volume Summary

Storage Unit	Average Volume 1000 m3	Avg Pcmt Full	Evap Pcmt Loss	Exfil Pcmt Loss	Maximum Volume 1000 m3	Max Pcmt Full	Time of Max Occurrence days hr:min	Maximum Outflow LPS
Barlow_Pond1	0.142	27	0	0	0.342	65	0 04:01	44.31
Barlow_Pond2	0.396	38	0	0	0.786	75	0 04:00	39.73

Outfall Loading Summary

Flow Avg Max Total

Outfall Node	Freq Pcnt	Flow LPS	Flow LPS	Volume 10^6 ltr
Barlow_EXU1	95.28	12.47	86.19	1.538
System	95.28	12.47	86.19	1.538

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
Barlow_C10	CONDUIT	9.96	0 01:23	0.21	0.06	0.46
Barlow_C11	CONDUIT	25.39	0 03:01	0.16	0.23	0.60
Barlow_C11_2	CONDUIT	13.80	0 02:55	0.15	0.13	0.69
Barlow_C13	CONDUIT	18.34	0 03:00	0.15	0.17	0.56
Barlow_C14	CONDUIT	27.36	0 04:07	0.37	0.06	0.08
Barlow_C14_1	CONDUIT	42.32	0 03:12	0.14	0.33	0.73
Barlow_C14_2	CONDUIT	64.25	0 03:05	0.16	0.87	0.87
Barlow_C15	CONDUIT	42.45	0 03:07	0.65	0.83	0.63
Barlow_C16	CONDUIT	10.48	0 02:51	0.08	0.26	0.51
Barlow_C16_1	CONDUIT	10.84	0 03:07	0.08	0.13	0.52
Barlow_C16_3	CONDUIT	5.69	0 03:08	0.20	0.24	0.59
Barlow_C18_2	CONDUIT	147.69	0 02:03	1.14	0.30	0.60
Barlow_C18_3	CONDUIT	65.23	0 02:54	0.66	6.28	1.00
Barlow_C18_4	CONDUIT	44.04	0 02:54	0.21	1.74	0.69
Barlow_C19	CONDUIT	58.84	0 04:07	0.65	0.05	0.08
Barlow_C19_1	CONDUIT	1.95	0 03:02	0.04	0.02	0.40
Barlow_C19_2	CONDUIT	40.56	0 04:03	0.48	0.02	0.23
Barlow_C2	CONDUIT	4.03	0 02:03	0.10	0.06	0.22
Barlow_C20	CONDUIT	2.28	0 02:31	0.07	0.04	0.18
Barlow_C20_1	CONDUIT	63.98	0 03:11	0.26	0.83	0.61
Barlow_C20_2	CONDUIT	63.95	0 03:12	0.51	0.13	0.61
Barlow_C21	CONDUIT	17.62	0 02:57	0.15	0.26	0.47
Barlow_C23	CONDUIT	10.52	0 03:00	0.24	0.05	0.24
Barlow_C24	CONDUIT	4.02	0 02:09	0.10	0.02	0.24
Barlow_C26	CONDUIT	131.00	0 01:40	0.38	0.98	0.79
Barlow_C3	CONDUIT	84.02	0 04:07	0.40	0.55	0.70
Barlow_C4	CONDUIT	5.33	0 03:08	0.18	0.24	0.59
Barlow_C5	CONDUIT	86.19	0 04:07	0.58	0.49	0.56

Barlow_C9	CONDUIT	17.52	0	03:03	0.19	0.12	0.41
Barlow_C1	WEIR	35.54	0	04:00			0.02
Barlow_C12	WEIR	43.20	0	04:02			0.03
Barlow_S1	WEIR	0.00	0	00:00			0.00
Barlow_S4	WEIR	0.00	0	00:00			0.00
Barlow_C18	DUMMY	14.94	0	03:13			
Barlow_C25	DUMMY	7.77	0	06:36			

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C10	1.00	0.00	0.08	0.00	0.92	0.00	0.00	0.00	0.95	0.00
Barlow_C11	1.00	0.01	0.01	0.00	0.98	0.00	0.00	0.00	0.98	0.00
Barlow_C11_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
Barlow_C13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
Barlow_C14	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
Barlow_C14_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
Barlow_C14_2	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.76	0.00
Barlow_C15	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.00	0.09
Barlow_C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
Barlow_C16_1	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.04	0.00
Barlow_C16_3	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.66
Barlow_C18_2	1.00	0.01	0.00	0.00	0.97	0.02	0.00	0.00	0.94	0.00
Barlow_C18_3	1.00	0.01	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00
Barlow_C18_4	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.00	0.00
Barlow_C19	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
Barlow_C19_1	1.00	0.02	0.02	0.00	0.96	0.00	0.00	0.00	0.96	0.00
Barlow_C19_2	1.00	0.01	0.01	0.00	0.97	0.01	0.00	0.00	0.00	0.95
Barlow_C2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.90	0.00
Barlow_C20_1	1.00	0.02	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00
Barlow_C20_2	1.00	0.01	0.03	0.00	0.96	0.00	0.00	0.00	0.93	0.00
Barlow_C21	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C23	1.00	0.03	0.43	0.00	0.50	0.00	0.00	0.03	0.90	0.00
Barlow_C24	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Barlow_C26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.11	0.00
Barlow_C3	1.00	0.01	0.00	0.00	0.03	0.00	0.00	0.96	0.00	0.00
Barlow_C4	1.00	0.00	0.02	0.00	0.98	0.00	0.00	0.00	0.00	0.65

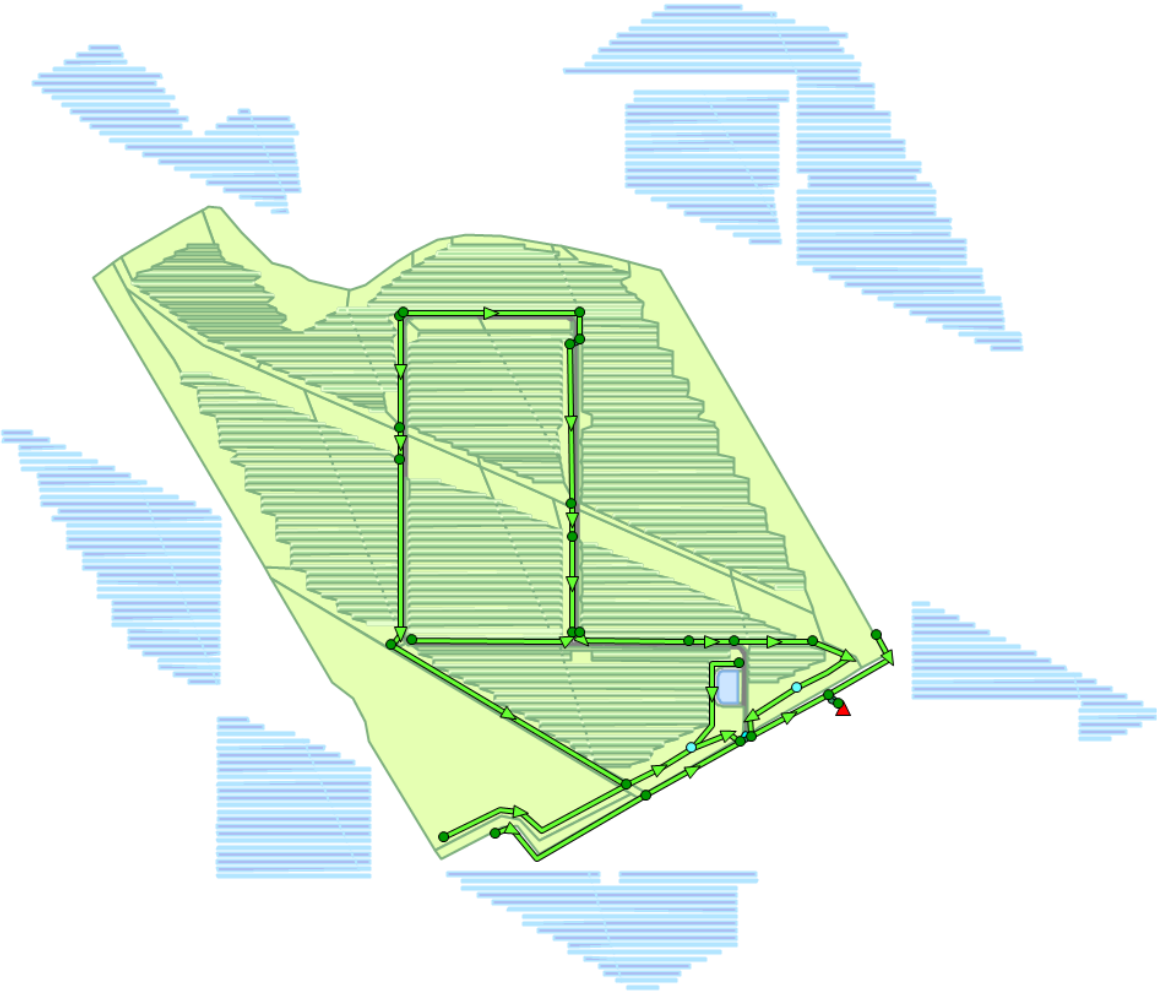
Barlow_C5	1.00	0.05	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00
Barlow_C9	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

Conduit	Hours Full			Hours	
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited
Barlow_C11_2	0.01	0.01	0.98	0.01	0.01
Barlow_C18_3	0.80	0.98	0.81	2.98	0.78
Barlow_C18_4	0.01	0.81	0.01	1.36	0.01
Barlow_C26	0.01	0.78	0.01	0.01	0.01

Analysis begun on: Mon Apr 23 15:28:18 2018
 Analysis ended on: Mon Apr 23 15:28:31 2018
 Total elapsed time: 00:00:13

3 POST-DEVELOPMENT MODEL



3.1 2-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

Element Count

Number of rain gages 2
 Number of subcatchments ... 962
 Number of nodes 29
 Number of links 32
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_2ans_ACT	INTENSITY	10 min.
UnderPanels	NoRain	INTENSITY	1440 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV1	0.01	35.42	2.00	0.2000	SousPanneaux	Barlow_BV175_66
Barlow_BV1_Pann	0.01	35.42	100.00	70.0000	Pluvio1	Barlow_BV175_66
Barlow_BV10	2.25	41.84	2.00	0.2000	Pluvio1	Barlow_J28
Barlow_BV10_1	0.04	108.72	2.00	0.2000	SousPanneaux	Barlow_BV26_1
Barlow_BV10_1_Pann	0.04	108.72	100.00	70.0000	Pluvio1	Barlow_BV26_1
Barlow_BV10_2	0.04	107.63	2.00	0.2000	SousPanneaux	Barlow_BV175_62
Barlow_BV10_2_Pann	0.04	107.63	100.00	70.0000	Pluvio1	Barlow_BV175_62
Barlow_BV10_3	0.06	160.22	2.00	0.2000	SousPanneaux	Barlow_BV11_1
Barlow_BV10_3_Pann	0.06	160.22	100.00	70.0000	Pluvio1	Barlow_BV11_1
Barlow_BV10_4	0.01	34.33	2.00	0.2000	SousPanneaux	Barlow_BV11_2
Barlow_BV10_4_Pann	0.01	34.33	100.00	70.0000	Pluvio1	Barlow_BV11_2
Barlow_BV10_5	0.14	100.00	2.00	0.2000	Pluvio1	Barlow_BV132_1

Barlow_BV10_6	0.11	80.00	2.00	0.2000	Pluvio1	Barlow_BV132_2
Barlow_BV10_7	0.27	45.00	2.00	0.2000	Pluvio1	Barlow_BV186_2
Barlow_BV10_8	0.09	90.00	2.00	0.2000	Pluvio1	Barlow_BV374_2
Barlow_BV10_9	0.15	90.00	2.00	0.2000	Pluvio1	Barlow_BV10_7
Barlow_BV100	0.08	180.86	2.00	0.2000	Pluvio1	Barlow_BV101
Barlow_BV101	0.08	206.81	2.00	0.2000	SousPanneaux	Barlow_BV102
Barlow_BV101_Pann	0.08	206.81	100.00	70.0000	Pluvio1	Barlow_BV102
Barlow_BV102	0.09	189.46	2.00	0.2000	Pluvio1	Barlow_BV103
Barlow_BV103	0.08	207.08	2.00	0.2000	SousPanneaux	Barlow_BV104
Barlow_BV103_Pann	0.08	207.08	100.00	70.0000	Pluvio1	Barlow_BV104
Barlow_BV104	0.09	186.24	2.00	0.2000	Pluvio1	Barlow_BV105
Barlow_BV105	0.07	198.91	2.00	0.2000	SousPanneaux	Barlow_BV106
Barlow_BV105_Pann	0.07	198.91	100.00	70.0000	Pluvio1	Barlow_BV106
Barlow_BV106	0.09	191.18	2.00	0.2000	Pluvio1	Barlow_BV107
Barlow_BV107	0.07	201.63	2.00	0.2000	SousPanneaux	Barlow_BV108
Barlow_BV107_Pann	0.07	201.63	100.00	70.0000	Pluvio1	Barlow_BV108
Barlow_BV108	0.09	200.00	2.00	0.2000	Pluvio1	Barlow_BV109
Barlow_BV109	0.07	194.55	2.00	0.2000	SousPanneaux	Barlow_BV110
Barlow_BV109_Pann	0.07	194.55	100.00	70.0000	Pluvio1	Barlow_BV110
Barlow_BV11	0.61	130.00	2.00	0.2000	Pluvio1	Barlow_Pond1
Barlow_BV11_1	0.07	153.33	2.00	0.2000	Pluvio1	Barlow_BV368_2
Barlow_BV11_2	0.02	33.55	2.00	0.2000	Pluvio1	Barlow_BV14_2
Barlow_BV11_3	0.03	105.00	95.00	2.0000	Pluvio1	Barlow_BV10_5
Barlow_BV110	0.09	189.89	2.00	0.2000	Pluvio1	Barlow_BV111
Barlow_BV111	0.07	185.56	2.00	0.2000	SousPanneaux	Barlow_BV112
Barlow_BV111_Pann	0.07	185.56	100.00	70.0000	Pluvio1	Barlow_BV112
Barlow_BV112	0.08	174.84	2.00	0.2000	Pluvio1	Barlow_BV113
Barlow_BV113	0.06	156.68	2.00	0.2000	SousPanneaux	Barlow_BV114
Barlow_BV113_Pann	0.06	156.68	100.00	70.0000	Pluvio1	Barlow_BV114
Barlow_BV114	0.07	157.85	2.00	0.2000	Pluvio1	Barlow_BV115
Barlow_BV115	0.05	142.78	2.00	0.2000	SousPanneaux	Barlow_BV116
Barlow_BV115_Pann	0.05	142.78	100.00	70.0000	Pluvio1	Barlow_BV116
Barlow_BV116	0.07	148.17	2.00	0.2000	Pluvio1	Barlow_BV377_4
Barlow_BV117	0.05	142.51	2.00	0.2000	SousPanneaux	Barlow_BV118
Barlow_BV117_Pann	0.05	142.51	100.00	70.0000	Pluvio1	Barlow_BV118
Barlow_BV118	0.06	139.35	2.00	0.2000	Pluvio1	Barlow_BV119
Barlow_BV119	0.05	129.70	2.00	0.2000	SousPanneaux	Barlow_BV120
Barlow_BV119_Pann	0.05	129.70	100.00	70.0000	Pluvio1	Barlow_BV120
Barlow_BV12	0.05	500.00	95.00	2.0000	Pluvio1	Barlow_J32
Barlow_BV12_1	0.04	118.37	95.00	2.0000	Pluvio1	Barlow_J50
Barlow_BV12_10	0.00	5.00	95.00	2.0000	Pluvio1	Barlow_BV377_4
Barlow_BV12_11	0.03	118.37	95.00	2.0000	Pluvio1	Barlow_Pond2
Barlow_BV12_12	0.03	118.37	95.00	2.0000	Pluvio1	Barlow_J32
Barlow_BV12_18	0.09	80.00	50.00	0.2000	Pluvio1	Barlow_J25
Barlow_BV12_2	0.04	118.37	95.00	2.0000	Pluvio1	Barlow_J50

Barlow_BV12_3	0.05	160.00	95.00	2.0000	Pluvio1	Barlow_BV371_1
Barlow_BV12_4	0.06	200.00	95.00	2.0000	Pluvio1	Barlow_BV371_2
Barlow_BV12_5	0.05	180.00	95.00	2.0000	Pluvio1	Barlow_J20
Barlow_BV12_6	0.04	200.00	95.00	2.0000	Pluvio1	Barlow_J50
Barlow_BV12_8	0.00	5.00	95.00	2.0000	Pluvio1	Barlow_J6
Barlow_BV12_9	0.05	220.00	95.00	2.0000	Pluvio1	Barlow_J26
Barlow_BV120	0.05	117.85	2.00	0.2000	Pluvio1	Barlow_BV121
Barlow_BV121	0.04	110.90	2.00	0.2000	SousPanneaux	Barlow_BV122
Barlow_BV121_Pann	0.04	110.90	100.00	70.0000	Pluvio1	Barlow_BV122
Barlow_BV122	0.05	104.09	2.00	0.2000	Pluvio1	Barlow_BV123
Barlow_BV123	0.03	90.46	2.00	0.2000	SousPanneaux	Barlow_BV124
Barlow_BV123_Pann	0.03	90.46	100.00	70.0000	Pluvio1	Barlow_BV124
Barlow_BV124	0.04	84.73	2.00	0.2000	Pluvio1	Barlow_BV125
Barlow_BV125	0.03	73.03	2.00	0.2000	SousPanneaux	Barlow_BV126
Barlow_BV125_Pann	0.03	73.03	100.00	70.0000	Pluvio1	Barlow_BV126
Barlow_BV126	0.04	76.34	2.00	0.2000	Pluvio1	Barlow_BV127
Barlow_BV127	0.03	70.57	2.00	0.2000	SousPanneaux	Barlow_BV128
Barlow_BV127_Pann	0.03	70.57	100.00	70.0000	Pluvio1	Barlow_BV128
Barlow_BV128	0.03	69.89	2.00	0.2000	Pluvio1	Barlow_BV129
Barlow_BV129	0.02	54.22	2.00	0.2000	SousPanneaux	Barlow_BV130
Barlow_BV129_Pann	0.02	54.22	100.00	70.0000	Pluvio1	Barlow_BV130
Barlow_BV13_1	0.18	360.00	2.00	0.2000	Pluvio1	Barlow_BV15_3
Barlow_BV13_18	0.06	132.90	2.00	0.2000	Pluvio1	Barlow_J23
Barlow_BV13_2	0.21	400.00	2.00	0.2000	Pluvio1	Barlow_BV368_2
Barlow_BV130	0.02	50.97	2.00	0.2000	Pluvio1	Barlow_BV131
Barlow_BV131	0.01	36.24	2.00	0.2000	SousPanneaux	Barlow_BV377_5
Barlow_BV131_Pann	0.01	36.24	100.00	70.0000	Pluvio1	Barlow_BV377_5
Barlow_BV132_1	0.04	101.64	2.00	0.2000	SousPanneaux	Barlow_BV133_1
Barlow_BV132_1_Pann	0.04	101.64	100.00	70.0000	Pluvio1	Barlow_BV133_1
Barlow_BV132_2	0.03	79.84	2.00	0.2000	SousPanneaux	Barlow_BV133_2
Barlow_BV132_2_Pann	0.03	79.84	100.00	70.0000	Pluvio1	Barlow_BV133_2
Barlow_BV133_1	0.04	94.62	2.00	0.2000	Pluvio1	Barlow_BV134_1
Barlow_BV133_2	0.04	84.73	2.00	0.2000	Pluvio1	Barlow_BV134_2
Barlow_BV134_1	0.04	97.00	2.00	0.2000	SousPanneaux	Barlow_BV135_1
Barlow_BV134_1_Pann	0.04	97.00	100.00	70.0000	Pluvio1	Barlow_BV135_1
Barlow_BV134_2	0.03	85.29	2.00	0.2000	SousPanneaux	Barlow_BV135_2
Barlow_BV134_2_Pann	0.03	85.29	100.00	70.0000	Pluvio1	Barlow_BV135_2
Barlow_BV135_1	0.03	74.19	2.00	0.2000	Pluvio1	Barlow_BV136_1
Barlow_BV135_2	0.04	84.95	2.00	0.2000	Pluvio1	Barlow_BV136_2
Barlow_BV136_1	0.03	80.65	2.00	0.2000	SousPanneaux	Barlow_BV137_1
Barlow_BV136_1_Pann	0.03	80.65	100.00	70.0000	Pluvio1	Barlow_BV137_1
Barlow_BV136_2	0.04	101.09	2.00	0.2000	SousPanneaux	Barlow_BV137_2
Barlow_BV136_2_Pann	0.04	101.09	100.00	70.0000	Pluvio1	Barlow_BV137_2
Barlow_BV137_1	0.03	73.33	2.00	0.2000	Pluvio1	Barlow_BV138_1
Barlow_BV137_2	0.05	102.58	2.00	0.2000	Pluvio1	Barlow_BV138_2

Barlow_BV138_1	0.03	79.02	2.00	0.2000	SousPanneaux	Barlow_BV139_1
Barlow_BV138_1_Pann	0.03	79.02	100.00	70.0000	Pluvio1	Barlow_BV139_1
Barlow_BV138_2	0.04	110.63	2.00	0.2000	SousPanneaux	Barlow_BV139_2
Barlow_BV138_2_Pann	0.04	110.63	100.00	70.0000	Pluvio1	Barlow_BV139_2
Barlow_BV139_1	0.03	66.02	2.00	0.2000	Pluvio1	Barlow_BV140_1
Barlow_BV139_2	0.05	101.29	2.00	0.2000	Pluvio1	Barlow_BV140_2
Barlow_BV14_1	0.05	143.87	2.00	0.2000	SousPanneaux	Barlow_BV15_1
Barlow_BV14_1_Pann	0.05	143.87	100.00	70.0000	Pluvio1	Barlow_BV15_1
Barlow_BV14_2	0.01	31.61	2.00	0.2000	SousPanneaux	Barlow_BV15_2
Barlow_BV14_2_Pann	0.01	31.61	100.00	70.0000	Pluvio1	Barlow_BV15_2
Barlow_BV14_3	4.29	230.00	20.00	0.2000	Pluvio1	Barlow_J25
Barlow_BV14_5	0.29	240.00	2.00	0.2000	Pluvio1	Barlow_BV14_3
Barlow_BV14_6	0.41	600.00	2.00	0.2000	Pluvio1	Barlow_J18
Barlow_BV14_7	0.29	150.00	2.00	0.2000	Pluvio1	Barlow_J27
Barlow_BV140_1	0.03	68.94	2.00	0.2000	SousPanneaux	Barlow_BV141_1
Barlow_BV140_1_Pann	0.03	68.94	100.00	70.0000	Pluvio1	Barlow_BV141_1
Barlow_BV140_2	0.04	109.81	2.00	0.2000	SousPanneaux	Barlow_BV141_2
Barlow_BV140_2_Pann	0.04	109.81	100.00	70.0000	Pluvio1	Barlow_BV141_2
Barlow_BV141_1	0.03	67.31	2.00	0.2000	Pluvio1	Barlow_BV142_1
Barlow_BV141_2	0.05	111.83	2.00	0.2000	Pluvio1	Barlow_BV142_2
Barlow_BV142_1	0.02	64.31	2.00	0.2000	SousPanneaux	Barlow_BV143_1
Barlow_BV142_1_Pann	0.02	64.31	100.00	70.0000	Pluvio1	Barlow_BV143_1
Barlow_BV142_2	0.04	117.71	2.00	0.2000	SousPanneaux	Barlow_BV143_2
Barlow_BV142_2_Pann	0.04	117.71	100.00	70.0000	Pluvio1	Barlow_BV143_2
Barlow_BV143_1	0.03	58.71	2.00	0.2000	Pluvio1	Barlow_BV144_1
Barlow_BV143_2	0.05	111.40	2.00	0.2000	Pluvio1	Barlow_BV144_2
Barlow_BV144_1	0.02	59.40	2.00	0.2000	SousPanneaux	Barlow_BV145_1
Barlow_BV144_1_Pann	0.02	59.40	100.00	70.0000	Pluvio1	Barlow_BV145_1
Barlow_BV144_2	0.04	119.07	2.00	0.2000	SousPanneaux	Barlow_BV145_2
Barlow_BV144_2_Pann	0.04	119.07	100.00	70.0000	Pluvio1	Barlow_BV145_2
Barlow_BV145_1	0.03	58.28	2.00	0.2000	Pluvio1	Barlow_BV146_1
Barlow_BV145_2	0.06	126.67	2.00	0.2000	Pluvio1	Barlow_BV146_2
Barlow_BV146_1	0.02	52.04	2.00	0.2000	SousPanneaux	Barlow_BV147_1
Barlow_BV146_1_Pann	0.02	52.04	100.00	70.0000	Pluvio1	Barlow_BV147_1
Barlow_BV146_2	0.04	115.53	2.00	0.2000	SousPanneaux	Barlow_BV147_2
Barlow_BV146_2_Pann	0.04	115.53	100.00	70.0000	Pluvio1	Barlow_BV147_2
Barlow_BV147_1	0.02	51.83	2.00	0.2000	Pluvio1	Barlow_BV148_1
Barlow_BV147_2	0.06	127.31	2.00	0.2000	Pluvio1	Barlow_BV148_2
Barlow_BV148_1	0.02	45.78	2.00	0.2000	SousPanneaux	Barlow_BV149_1
Barlow_BV148_1_Pann	0.02	45.78	100.00	70.0000	Pluvio1	Barlow_BV149_1
Barlow_BV148_2	0.04	117.98	2.00	0.2000	SousPanneaux	Barlow_BV149_2
Barlow_BV148_2_Pann	0.04	117.98	100.00	70.0000	Pluvio1	Barlow_BV149_2
Barlow_BV149_1	0.02	50.97	2.00	0.2000	Pluvio1	Barlow_BV150_1
Barlow_BV149_2	0.06	133.98	2.00	0.2000	Pluvio1	Barlow_BV150_2
Barlow_BV15_1	0.06	137.20	2.00	0.2000	Pluvio1	Barlow_BV16_1

Barlow_BV15_2	0.01	30.97	2.00	0.2000	Pluvio1	Barlow_BV16_2
Barlow_BV15_3	0.33	65.00	2.00	0.2000	Pluvio1	Barlow_BV239_2
Barlow_BV150_1	0.02	43.87	2.00	0.2000	SousPanneaux	Barlow_BV151_1
Barlow_BV150_1_Pann	0.02	43.87	100.00	70.0000	Pluvio1	Barlow_BV151_1
Barlow_BV150_2	0.05	134.88	2.00	0.2000	SousPanneaux	Barlow_BV151_2
Barlow_BV150_2_Pann	0.05	134.88	100.00	70.0000	Pluvio1	Barlow_BV151_2
Barlow_BV151_1	0.02	41.94	2.00	0.2000	Pluvio1	Barlow_BV152_1
Barlow_BV151_2	0.06	131.40	2.00	0.2000	Pluvio1	Barlow_BV152_2
Barlow_BV152_1	0.02	41.96	2.00	0.2000	SousPanneaux	Barlow_BV153_1
Barlow_BV152_1_Pann	0.02	41.96	100.00	70.0000	Pluvio1	Barlow_BV153_1
Barlow_BV152_2	0.05	147.68	2.00	0.2000	SousPanneaux	Barlow_BV153_2
Barlow_BV152_2_Pann	0.05	147.68	100.00	70.0000	Pluvio1	Barlow_BV153_2
Barlow_BV153_1	0.02	36.13	2.00	0.2000	Pluvio1	Barlow_BV154_1
Barlow_BV153_2	0.06	133.98	2.00	0.2000	Pluvio1	Barlow_BV154_2
Barlow_BV154_1	0.01	35.70	2.00	0.2000	SousPanneaux	Barlow_BV155_1
Barlow_BV154_1_Pann	0.01	35.70	100.00	70.0000	Pluvio1	Barlow_BV155_1
Barlow_BV154_2	0.05	146.32	2.00	0.2000	SousPanneaux	Barlow_BV155_2
Barlow_BV154_2_Pann	0.05	146.32	100.00	70.0000	Pluvio1	Barlow_BV155_2
Barlow_BV155_1	0.02	32.47	2.00	0.2000	Pluvio1	Barlow_BV156_1
Barlow_BV155_2	0.07	140.22	2.00	0.2000	Pluvio1	Barlow_BV156_2
Barlow_BV156_1	0.01	31.88	2.00	0.2000	SousPanneaux	Barlow_BV157_1
Barlow_BV156_1_Pann	0.01	31.88	100.00	70.0000	Pluvio1	Barlow_BV157_1
Barlow_BV156_2	0.06	153.68	2.00	0.2000	SousPanneaux	Barlow_BV157_2
Barlow_BV156_2_Pann	0.06	153.68	100.00	70.0000	Pluvio1	Barlow_BV157_2
Barlow_BV157_1	0.01	27.74	2.00	0.2000	Pluvio1	Barlow_BV158_1
Barlow_BV157_2	0.07	145.16	2.00	0.2000	Pluvio1	Barlow_BV158_2
Barlow_BV158_1	0.01	25.34	2.00	0.2000	SousPanneaux	Barlow_BV159_1
Barlow_BV158_1_Pann	0.01	25.34	100.00	70.0000	Pluvio1	Barlow_BV159_1
Barlow_BV158_2	0.06	150.95	2.00	0.2000	SousPanneaux	Barlow_BV159_2
Barlow_BV158_2_Pann	0.06	150.95	100.00	70.0000	Pluvio1	Barlow_BV159_2
Barlow_BV159_1	0.01	20.43	2.00	0.2000	Pluvio1	Barlow_J22
Barlow_BV159_2	0.07	146.24	2.00	0.2000	Pluvio1	Barlow_BV160_2
Barlow_BV16_1	0.05	131.61	2.00	0.2000	SousPanneaux	Barlow_BV17_1
Barlow_BV16_1_Pann	0.05	131.61	100.00	70.0000	Pluvio1	Barlow_BV17_1
Barlow_BV16_2	0.01	29.97	2.00	0.2000	SousPanneaux	Barlow_BV17_2
Barlow_BV16_2_Pann	0.01	29.97	100.00	70.0000	Pluvio1	Barlow_BV17_2
Barlow_BV16_3	0.03	125.00	95.00	2.0000	Pluvio1	Barlow_BV367
Barlow_BV16_4	0.03	125.00	95.00	2.0000	Pluvio1	Barlow_J3
Barlow_BV16_5	0.06	130.00	95.00	2.0000	Pluvio1	Barlow_J31
Barlow_BV16_7	0.06	225.37	95.00	2.0000	Pluvio1	Barlow_J31
Barlow_BV16_8	0.00	5.00	95.00	2.0000	Pluvio1	Barlow_BV374_2
Barlow_BV16_9	0.00	5.00	95.00	2.0000	Pluvio1	Barlow_J2
Barlow_BV160_1	0.01	15.26	2.00	0.2000	SousPanneaux	Barlow_BV161_1
Barlow_BV160_1_Pann	0.01	15.26	100.00	70.0000	Pluvio1	Barlow_BV161_1
Barlow_BV160_2	0.05	147.41	2.00	0.2000	SousPanneaux	Barlow_BV161_2

Barlow_BV160_2_Pann	0.05	147.41	100.00	70.0000	Pluvio1	Barlow_BV161_2
Barlow_BV161_1	0.01	13.12	2.00	0.2000	Pluvio1	Barlow_BV162_1
Barlow_BV161_2	0.06	137.85	2.00	0.2000	Pluvio1	Barlow_BV10_8
Barlow_BV162_1	0.00	11.44	2.00	0.2000	SousPanneaux	Barlow_BV163_1
Barlow_BV162_1_Pann	0.00	11.44	100.00	70.0000	Pluvio1	Barlow_BV163_1
Barlow_BV162_2	0.05	131.34	2.00	0.2000	SousPanneaux	Barlow_BV163_2
Barlow_BV162_2_Pann	0.05	131.34	100.00	70.0000	Pluvio1	Barlow_BV163_2
Barlow_BV163_1	0.00	10.11	2.00	0.2000	Pluvio1	Barlow_BV164_1
Barlow_BV163_2	0.06	125.59	2.00	0.2000	Pluvio1	Barlow_BV164_2
Barlow_BV164_1	0.00	7.63	2.00	0.2000	SousPanneaux	Barlow_BV165_1
Barlow_BV164_1_Pann	0.00	7.63	100.00	70.0000	Pluvio1	Barlow_BV165_1
Barlow_BV164_2	0.04	107.90	2.00	0.2000	SousPanneaux	Barlow_BV165_2
Barlow_BV164_2_Pann	0.04	107.90	100.00	70.0000	Pluvio1	Barlow_BV165_2
Barlow_BV165_1	0.00	6.24	2.00	0.2000	Pluvio1	Barlow_BV166_1
Barlow_BV165_2	0.05	115.91	2.00	0.2000	Pluvio1	Barlow_BV166_2
Barlow_BV166_1	0.00	4.36	2.00	0.2000	SousPanneaux	Barlow_BV167_1
Barlow_BV166_1_Pann	0.00	4.36	100.00	70.0000	Pluvio1	Barlow_BV167_1
Barlow_BV166_2	0.03	94.00	2.00	0.2000	SousPanneaux	Barlow_BV167_2
Barlow_BV166_2_Pann	0.03	94.00	100.00	70.0000	Pluvio1	Barlow_BV167_2
Barlow_BV167_1	0.00	2.58	2.00	0.2000	Pluvio1	Barlow_J6
Barlow_BV167_2	0.05	100.43	2.00	0.2000	Pluvio1	Barlow_BV168
Barlow_BV168	0.03	85.29	2.00	0.2000	SousPanneaux	Barlow_BV169
Barlow_BV168_Pann	0.03	85.29	100.00	70.0000	Pluvio1	Barlow_BV169
Barlow_BV169	0.04	83.23	2.00	0.2000	Pluvio1	Barlow_BV170
Barlow_BV17_1	0.06	121.51	2.00	0.2000	Pluvio1	Barlow_BV19_1
Barlow_BV17_2	0.01	27.74	2.00	0.2000	Pluvio1	Barlow_BV19_3
Barlow_BV17_3	0.05	200.00	95.00	2.0000	Pluvio1	Barlow_J22
Barlow_BV17_4	0.02	80.00	95.00	2.0000	Pluvio1	Barlow_BV10_6
Barlow_BV17_5	0.05	190.00	95.00	2.0000	Pluvio1	Barlow_J23
Barlow_BV170	0.02	65.39	2.00	0.2000	SousPanneaux	Barlow_BV171
Barlow_BV170_Pann	0.02	65.39	100.00	70.0000	Pluvio1	Barlow_BV171
Barlow_BV171	0.03	66.67	2.00	0.2000	Pluvio1	Barlow_BV172
Barlow_BV172	0.02	49.32	2.00	0.2000	SousPanneaux	Barlow_BV173
Barlow_BV172_Pann	0.02	49.32	100.00	70.0000	Pluvio1	Barlow_BV173
Barlow_BV173	0.02	44.95	2.00	0.2000	Pluvio1	Barlow_BV174
Barlow_BV174	0.01	34.06	2.00	0.2000	SousPanneaux	Barlow_BV10_7
Barlow_BV174_Pann	0.01	34.06	100.00	70.0000	Pluvio1	Barlow_J6
Barlow_BV175	0.01	35.42	2.00	0.2000	SousPanneaux	Barlow_BV176
Barlow_BV175_10	0.33	60.00	2.00	0.2000	Pluvio1	Barlow_BV175_64
Barlow_BV175_126	0.09	40.00	2.00	0.2000	Pluvio1	Barlow_BV45_2
Barlow_BV175_14	0.17	25.00	2.00	0.2000	Pluvio1	Barlow_J23
Barlow_BV175_190	1.32	35.00	2.00	0.2000	Pluvio1	Barlow_BV14_3
Barlow_BV175_2	0.07	141.29	2.00	0.2000	Pluvio1	Barlow_BV5_1
Barlow_BV175_31	0.07	25.00	2.00	0.2000	Pluvio1	Barlow_BV50_1
Barlow_BV175_34	0.06	122.15	2.00	0.2000	Pluvio1	Barlow_BV8

Barlow_BV175_36	0.06	134.84	2.00	0.2000	Pluvio1	Barlow_BV7_1
Barlow_BV175_62	0.05	104.73	2.00	0.2000	Pluvio1	Barlow_BV10_1
Barlow_BV175_63	0.06	123.87	2.00	0.2000	Pluvio1	Barlow_BV5_2
Barlow_BV175_64	0.04	87.10	2.00	0.2000	Pluvio1	Barlow_BV4
Barlow_BV175_65	0.03	61.72	2.00	0.2000	Pluvio1	Barlow_BV3
Barlow_BV175_66	0.02	43.66	2.00	0.2000	Pluvio1	Barlow_BV2
Barlow_BV175_67	0.07	145.16	2.00	0.2000	Pluvio1	Barlow_BV6
Barlow_BV175_68	0.07	140.86	2.00	0.2000	Pluvio1	Barlow_BV7_2
Barlow_BV175_69	0.05	114.62	2.00	0.2000	Pluvio1	Barlow_BV10_2
Barlow_BV175_70	0.06	124.95	2.00	0.2000	Pluvio1	Barlow_BV9
Barlow_BV175_78	0.03	62.37	2.00	0.2000	Pluvio1	Barlow_BV22_1
Barlow_BV175_79	0.02	44.09	2.00	0.2000	Pluvio1	Barlow_BV23_1
Barlow_BV175_80	0.01	26.45	2.00	0.2000	Pluvio1	Barlow_BV23_2
Barlow_BV175_82	0.77	55.00	2.00	0.2000	Pluvio1	Barlow_BV26_1
Barlow_BV175_Pann	0.01	35.42	100.00	70.0000	Pluvio1	Barlow_BV176
Barlow_BV176	0.02	43.87	2.00	0.2000	Pluvio1	Barlow_BV177
Barlow_BV177	0.02	55.04	2.00	0.2000	SousPanneaux	Barlow_BV178
Barlow_BV177_Pann	0.02	55.04	100.00	70.0000	Pluvio1	Barlow_BV178
Barlow_BV178	0.03	71.18	2.00	0.2000	Pluvio1	Barlow_BV179
Barlow_BV179	0.03	85.29	2.00	0.2000	SousPanneaux	Barlow_BV180_1
Barlow_BV179_Pann	0.03	85.29	100.00	70.0000	Pluvio1	Barlow_BV180_1
Barlow_BV18_1	0.53	105.00	2.00	0.2000	Pluvio1	Barlow_Pond2
Barlow_BV18_2	0.03	85.01	2.00	0.2000	SousPanneaux	Barlow_BV379_1
Barlow_BV18_2_Pann	0.03	85.01	100.00	70.0000	Pluvio1	Barlow_BV379_1
Barlow_BV18_3	0.01	21.53	2.00	0.2000	SousPanneaux	Barlow_BV379_2
Barlow_BV18_3_Pann	0.01	21.53	100.00	70.0000	Pluvio1	Barlow_BV379_2
Barlow_BV180_1	0.05	96.99	2.00	0.2000	Pluvio1	Barlow_BV181_1
Barlow_BV181_1	0.04	100.82	2.00	0.2000	SousPanneaux	Barlow_BV182_1
Barlow_BV181_1_Pann	0.04	100.82	100.00	70.0000	Pluvio1	Barlow_BV182_1
Barlow_BV181_2	0.00	6.27	2.00	0.2000	SousPanneaux	Barlow_BV182_2
Barlow_BV181_2_Pann	0.00	6.27	100.00	70.0000	Pluvio1	Barlow_BV182_2
Barlow_BV182_1	0.05	103.01	2.00	0.2000	Pluvio1	Barlow_BV183_1
Barlow_BV182_2	0.01	13.33	2.00	0.2000	Pluvio1	Barlow_BV183_2
Barlow_BV183_1	0.04	106.00	2.00	0.2000	SousPanneaux	Barlow_BV184_1
Barlow_BV183_1_Pann	0.04	106.00	100.00	70.0000	Pluvio1	Barlow_BV184_1
Barlow_BV183_2	0.01	20.16	2.00	0.2000	SousPanneaux	Barlow_BV184_2
Barlow_BV183_2_Pann	0.01	20.16	100.00	70.0000	Pluvio1	Barlow_BV184_2
Barlow_BV184_1	0.05	99.78	2.00	0.2000	Pluvio1	Barlow_BV185_1
Barlow_BV184_2	0.01	26.88	2.00	0.2000	Pluvio1	Barlow_BV185_2
Barlow_BV185_1	0.04	111.99	2.00	0.2000	SousPanneaux	Barlow_BV186_1
Barlow_BV185_1_Pann	0.04	111.99	100.00	70.0000	Pluvio1	Barlow_BV186_1
Barlow_BV185_2	0.01	35.97	2.00	0.2000	SousPanneaux	Barlow_BV186_2
Barlow_BV185_2_Pann	0.01	35.97	100.00	70.0000	Pluvio1	Barlow_BV186_2
Barlow_BV186_1	0.05	109.46	2.00	0.2000	Pluvio1	Barlow_BV187_1
Barlow_BV186_2	0.02	41.08	2.00	0.2000	Pluvio1	Barlow_BV187_2

Barlow_BV187_1	0.04	114.17	2.00	0.2000	SousPanneaux	Barlow_BV188_1
Barlow_BV187_1_Pann	0.04	114.17	100.00	70.0000	Pluviol	Barlow_BV188_1
Barlow_BV187_2	0.02	49.05	2.00	0.2000	SousPanneaux	Barlow_BV188_2
Barlow_BV187_2_Pann	0.02	49.05	100.00	70.0000	Pluviol	Barlow_BV188_2
Barlow_BV188_1	0.05	109.68	2.00	0.2000	Pluviol	Barlow_BV189_1
Barlow_BV188_2	0.03	56.13	2.00	0.2000	Pluviol	Barlow_BV189_2
Barlow_BV189_1	0.04	116.62	2.00	0.2000	SousPanneaux	Barlow_BV190_1
Barlow_BV189_1_Pann	0.04	116.62	100.00	70.0000	Pluviol	Barlow_BV190_1
Barlow_BV189_2	0.02	61.58	2.00	0.2000	SousPanneaux	Barlow_BV190_2
Barlow_BV189_2_Pann	0.02	61.58	100.00	70.0000	Pluviol	Barlow_BV190_2
Barlow_BV19_1	0.04	114.44	2.00	0.2000	SousPanneaux	Barlow_BV21_1
Barlow_BV19_1_Pann	0.04	114.44	100.00	70.0000	Pluviol	Barlow_BV21_1
Barlow_BV19_3	0.01	27.52	2.00	0.2000	SousPanneaux	Barlow_BV21_2
Barlow_BV19_3_Pann	0.01	27.52	100.00	70.0000	Pluviol	Barlow_BV21_2
Barlow_BV190_1	0.05	115.48	2.00	0.2000	Pluviol	Barlow_BV191_1
Barlow_BV190_2	0.03	61.72	2.00	0.2000	Pluviol	Barlow_BV191_2
Barlow_BV191_1	0.04	115.26	2.00	0.2000	SousPanneaux	Barlow_BV192_1
Barlow_BV191_1_Pann	0.04	115.26	100.00	70.0000	Pluviol	Barlow_BV192_1
Barlow_BV191_2	0.02	59.13	2.00	0.2000	SousPanneaux	Barlow_BV192_2
Barlow_BV191_2_Pann	0.02	59.13	100.00	70.0000	Pluviol	Barlow_BV192_2
Barlow_BV192_1	0.06	123.87	2.00	0.2000	Pluviol	Barlow_BV193_1
Barlow_BV192_2	0.03	58.71	2.00	0.2000	Pluviol	Barlow_BV193_2
Barlow_BV193_1	0.04	117.17	2.00	0.2000	SousPanneaux	Barlow_BV194_1
Barlow_BV193_1_Pann	0.04	117.17	100.00	70.0000	Pluviol	Barlow_BV194_1
Barlow_BV193_2	0.02	53.68	2.00	0.2000	SousPanneaux	Barlow_BV194_2
Barlow_BV193_2_Pann	0.02	53.68	100.00	70.0000	Pluviol	Barlow_BV194_2
Barlow_BV194_1	0.06	125.16	2.00	0.2000	Pluviol	Barlow_BV195_1
Barlow_BV194_2	0.03	54.84	2.00	0.2000	Pluviol	Barlow_BV195_2
Barlow_BV195_1	0.05	125.61	2.00	0.2000	SousPanneaux	Barlow_BV196_1
Barlow_BV195_1_Pann	0.05	125.61	100.00	70.0000	Pluviol	Barlow_BV196_1
Barlow_BV195_2	0.02	52.32	2.00	0.2000	SousPanneaux	Barlow_BV196_2
Barlow_BV195_2_Pann	0.02	52.32	100.00	70.0000	Pluviol	Barlow_BV196_2
Barlow_BV196_1	0.06	126.02	2.00	0.2000	Pluviol	Barlow_BV197_1
Barlow_BV196_2	0.02	50.97	2.00	0.2000	Pluviol	Barlow_BV197_2
Barlow_BV197_1	0.05	127.25	2.00	0.2000	SousPanneaux	Barlow_BV198_1
Barlow_BV197_1_Pann	0.05	127.25	100.00	70.0000	Pluviol	Barlow_BV198_1
Barlow_BV197_2	0.02	47.14	2.00	0.2000	SousPanneaux	Barlow_BV198_2
Barlow_BV197_2_Pann	0.02	47.14	100.00	70.0000	Pluviol	Barlow_BV198_2
Barlow_BV198_1	0.06	133.76	2.00	0.2000	Pluviol	Barlow_BV199_1
Barlow_BV198_2	0.02	48.82	2.00	0.2000	Pluviol	Barlow_BV199_2
Barlow_BV199_1	0.05	125.34	2.00	0.2000	SousPanneaux	Barlow_BV200_1
Barlow_BV199_1_Pann	0.05	125.34	100.00	70.0000	Pluviol	Barlow_BV200_1
Barlow_BV199_2	0.02	41.96	2.00	0.2000	SousPanneaux	Barlow_BV200_2
Barlow_BV199_2_Pann	0.02	41.96	100.00	70.0000	Pluviol	Barlow_BV200_2
Barlow_BV2	0.02	53.13	2.00	0.2000	SousPanneaux	Barlow_BV175_65

Barlow_BV2_Pann	0.02	53.13	100.00	70.0000	Pluvio1	Barlow_BV175_65
Barlow_BV200_1	0.06	137.85	2.00	0.2000	Pluvio1	Barlow_BV201_1
Barlow_BV200_2	0.02	43.44	2.00	0.2000	Pluvio1	Barlow_BV201_2
Barlow_BV201_1	0.05	130.79	2.00	0.2000	SousPanneaux	Barlow_BV202_1
Barlow_BV201_1_Pann	0.05	130.79	100.00	70.0000	Pluvio1	Barlow_BV202_1
Barlow_BV201_2	0.02	42.23	2.00	0.2000	SousPanneaux	Barlow_BV202_2
Barlow_BV201_2_Pann	0.02	42.23	100.00	70.0000	Pluvio1	Barlow_BV202_2
Barlow_BV202_1	0.06	137.63	2.00	0.2000	Pluvio1	Barlow_BV203_1
Barlow_BV202_2	0.02	40.65	2.00	0.2000	Pluvio1	Barlow_BV203_2
Barlow_BV203_1	0.06	150.95	2.00	0.2000	SousPanneaux	Barlow_BV204_1
Barlow_BV203_1_Pann	0.06	150.95	100.00	70.0000	Pluvio1	Barlow_BV204_1
Barlow_BV203_2	0.01	40.05	2.00	0.2000	SousPanneaux	Barlow_BV204_2
Barlow_BV203_2_Pann	0.01	40.05	100.00	70.0000	Pluvio1	Barlow_BV204_2
Barlow_BV204_1	0.06	134.19	2.00	0.2000	Pluvio1	Barlow_BV205_1
Barlow_BV204_2	0.02	33.98	2.00	0.2000	Pluvio1	Barlow_BV205_2
Barlow_BV205_1	0.05	147.68	2.00	0.2000	SousPanneaux	Barlow_BV206_1
Barlow_BV205_1_Pann	0.05	147.68	100.00	70.0000	Pluvio1	Barlow_BV206_1
Barlow_BV205_2	0.01	36.78	2.00	0.2000	SousPanneaux	Barlow_BV206_2
Barlow_BV205_2_Pann	0.01	36.78	100.00	70.0000	Pluvio1	Barlow_BV206_2
Barlow_BV206_1	0.06	137.63	2.00	0.2000	Pluvio1	Barlow_BV207_1
Barlow_BV206_2	0.01	30.75	2.00	0.2000	Pluvio1	Barlow_J19
Barlow_BV207_1	0.05	149.05	2.00	0.2000	SousPanneaux	Barlow_BV208_1
Barlow_BV207_1_Pann	0.05	149.05	100.00	70.0000	Pluvio1	Barlow_BV208_1
Barlow_BV207_2	0.01	32.15	2.00	0.2000	SousPanneaux	Barlow_BV208_2
Barlow_BV207_2_Pann	0.01	32.15	100.00	70.0000	Pluvio1	Barlow_BV208_2
Barlow_BV208_1	0.07	146.67	2.00	0.2000	Pluvio1	Barlow_BV209_1
Barlow_BV208_2	0.01	29.03	2.00	0.2000	Pluvio1	Barlow_BV209_2
Barlow_BV209_1	0.06	150.41	2.00	0.2000	SousPanneaux	Barlow_BV210_1
Barlow_BV209_1_Pann	0.06	150.41	100.00	70.0000	Pluvio1	Barlow_BV210_1
Barlow_BV209_2	0.01	27.52	2.00	0.2000	SousPanneaux	Barlow_BV210_2
Barlow_BV209_2_Pann	0.01	27.52	100.00	70.0000	Pluvio1	Barlow_BV210_2
Barlow_BV21_1	0.05	106.67	2.00	0.2000	Pluvio1	Barlow_BV214_1
Barlow_BV21_2	0.01	24.95	2.00	0.2000	Pluvio1	Barlow_BV214_2
Barlow_BV210_1	0.07	159.35	2.00	0.2000	Pluvio1	Barlow_BV211_1
Barlow_BV210_2	0.01	26.24	2.00	0.2000	Pluvio1	Barlow_BV211_2
Barlow_BV211_1	0.06	150.95	2.00	0.2000	SousPanneaux	Barlow_BV212_1
Barlow_BV211_1_Pann	0.06	150.95	100.00	70.0000	Pluvio1	Barlow_BV212_1
Barlow_BV211_2	0.01	23.98	2.00	0.2000	SousPanneaux	Barlow_BV212_2
Barlow_BV211_2_Pann	0.01	23.98	100.00	70.0000	Pluvio1	Barlow_BV212_2
Barlow_BV212_1	0.07	152.04	2.00	0.2000	Pluvio1	Barlow_BV213_1
Barlow_BV212_2	0.01	21.29	2.00	0.2000	Pluvio1	Barlow_BV213_2
Barlow_BV213_1	0.06	162.67	2.00	0.2000	SousPanneaux	Barlow_BV214_1
Barlow_BV213_1_Pann	0.06	162.67	100.00	70.0000	Pluvio1	Barlow_BV214_1
Barlow_BV213_2	0.01	21.53	2.00	0.2000	SousPanneaux	Barlow_BV214_2
Barlow_BV213_2_Pann	0.01	21.53	100.00	70.0000	Pluvio1	Barlow_BV214_2

Barlow_BV214_1	0.07	154.84	2.00	0.2000	Pluvio1	Barlow_BV215_1
Barlow_BV214_2	0.01	18.28	2.00	0.2000	Pluvio1	Barlow_BV215_2
Barlow_BV215_1	0.06	161.85	2.00	0.2000	SousPanneaux	Barlow_BV216_1
Barlow_BV215_1_Pann	0.06	161.85	100.00	70.0000	Pluvio1	Barlow_BV216_1
Barlow_BV215_2	0.01	16.35	2.00	0.2000	SousPanneaux	Barlow_BV216_2
Barlow_BV215_2_Pann	0.01	16.35	100.00	70.0000	Pluvio1	Barlow_BV216_2
Barlow_BV216_1	0.07	158.50	2.00	0.2000	Pluvio1	Barlow_BV217_1
Barlow_BV216_2	0.01	14.84	2.00	0.2000	Pluvio1	Barlow_BV217_2
Barlow_BV217_1	0.06	167.85	2.00	0.2000	SousPanneaux	Barlow_BV218
Barlow_BV217_1_Pann	0.06	167.85	100.00	70.0000	Pluvio1	Barlow_BV218
Barlow_BV217_2	0.00	13.35	2.00	0.2000	SousPanneaux	Barlow_J14
Barlow_BV217_2_Pann	0.00	13.35	100.00	70.0000	Pluvio1	Barlow_J14
Barlow_BV218	0.08	180.86	2.00	0.2000	Pluvio1	Barlow_BV219
Barlow_BV219	0.06	174.66	2.00	0.2000	SousPanneaux	Barlow_BV372
Barlow_BV219_Pann	0.06	174.66	100.00	70.0000	Pluvio1	Barlow_BV372
Barlow_BV22_1	0.02	52.32	2.00	0.2000	SousPanneaux	Barlow_BV175_79
Barlow_BV22_1_Pann	0.02	52.32	100.00	70.0000	Pluvio1	Barlow_BV175_79
Barlow_BV220	0.01	34.06	2.00	0.2000	SousPanneaux	Barlow_BV221
Barlow_BV220_Pann	0.01	34.06	100.00	70.0000	Pluvio1	Barlow_BV221
Barlow_BV221	0.02	44.73	2.00	0.2000	Pluvio1	Barlow_BV222
Barlow_BV222	0.02	55.04	2.00	0.2000	SousPanneaux	Barlow_BV223
Barlow_BV222_Pann	0.02	55.04	100.00	70.0000	Pluvio1	Barlow_BV223
Barlow_BV223	0.02	53.33	2.00	0.2000	Pluvio1	Barlow_BV224
Barlow_BV224	0.02	51.77	2.00	0.2000	SousPanneaux	Barlow_BV225
Barlow_BV224_Pann	0.02	51.77	100.00	70.0000	Pluvio1	Barlow_BV225
Barlow_BV225	0.03	63.87	2.00	0.2000	Pluvio1	Barlow_BV226
Barlow_BV226	0.03	70.30	2.00	0.2000	SousPanneaux	Barlow_BV227
Barlow_BV226_Pann	0.03	70.30	100.00	70.0000	Pluvio1	Barlow_BV227
Barlow_BV227	0.04	84.95	2.00	0.2000	Pluvio1	Barlow_BV228
Barlow_BV228	0.03	80.93	2.00	0.2000	SousPanneaux	Barlow_BV229
Barlow_BV228_Pann	0.03	80.93	100.00	70.0000	Pluvio1	Barlow_BV229
Barlow_BV229	0.05	101.72	2.00	0.2000	Pluvio1	Barlow_BV230
Barlow_BV23_1	0.01	35.15	2.00	0.2000	SousPanneaux	Barlow_BV175_80
Barlow_BV23_1_Pann	0.01	35.15	100.00	70.0000	Pluvio1	Barlow_BV175_80
Barlow_BV23_2	0.01	17.98	2.00	0.2000	SousPanneaux	Barlow_BV13_1
Barlow_BV23_2_Pann	0.01	17.98	100.00	70.0000	Pluvio1	Barlow_J2
Barlow_BV230	0.04	103.82	2.00	0.2000	SousPanneaux	Barlow_BV231
Barlow_BV230_Pann	0.04	103.82	100.00	70.0000	Pluvio1	Barlow_BV231
Barlow_BV231	0.05	109.68	2.00	0.2000	Pluvio1	Barlow_BV232
Barlow_BV232	0.04	105.72	2.00	0.2000	SousPanneaux	Barlow_BV233_1
Barlow_BV232_Pann	0.04	105.72	100.00	70.0000	Pluvio1	Barlow_BV233_1
Barlow_BV233_1	0.05	113.98	2.00	0.2000	Pluvio1	Barlow_BV234_1
Barlow_BV234_1	0.04	111.17	2.00	0.2000	SousPanneaux	Barlow_BV235_1
Barlow_BV234_1_Pann	0.04	111.17	100.00	70.0000	Pluvio1	Barlow_BV235_1
Barlow_BV234_2	0.00	7.36	2.00	0.2000	SousPanneaux	Barlow_BV235_2

Barlow_BV234_2_Pann	0.00	7.36	100.00	70.0000	Pluvio1	Barlow_BV235_2
Barlow_BV235_1	0.06	118.28	2.00	0.2000	Pluvio1	Barlow_BV236_1
Barlow_BV235_2	0.01	16.13	2.00	0.2000	Pluvio1	Barlow_BV236_2
Barlow_BV236_1	0.04	117.17	2.00	0.2000	SousPanneaux	Barlow_BV237_1
Barlow_BV236_1_Pann	0.04	117.17	100.00	70.0000	Pluvio1	Barlow_BV237_1
Barlow_BV236_2	0.01	23.98	2.00	0.2000	SousPanneaux	Barlow_BV237_2
Barlow_BV236_2_Pann	0.01	23.98	100.00	70.0000	Pluvio1	Barlow_BV237_2
Barlow_BV237_1	0.06	120.65	2.00	0.2000	Pluvio1	Barlow_BV238_1
Barlow_BV237_2	0.01	31.18	2.00	0.2000	Pluvio1	Barlow_BV238_2
Barlow_BV238_1	0.04	120.44	2.00	0.2000	SousPanneaux	Barlow_BV239_1
Barlow_BV238_1_Pann	0.04	120.44	100.00	70.0000	Pluvio1	Barlow_BV239_1
Barlow_BV238_2	0.01	38.15	2.00	0.2000	SousPanneaux	Barlow_BV239_2
Barlow_BV238_2_Pann	0.01	38.15	100.00	70.0000	Pluvio1	Barlow_BV239_2
Barlow_BV239_1	0.06	122.15	2.00	0.2000	Pluvio1	Barlow_BV240_1
Barlow_BV239_2	0.02	48.17	2.00	0.2000	Pluvio1	Barlow_BV240_2
Barlow_BV24_1	0.04	101.64	2.00	0.2000	SousPanneaux	Barlow_BV25_1
Barlow_BV24_1_Pann	0.04	101.64	100.00	70.0000	Pluvio1	Barlow_BV25_1
Barlow_BV24_2	0.01	26.43	2.00	0.2000	SousPanneaux	Barlow_BV25_2
Barlow_BV24_2_Pann	0.01	26.43	100.00	70.0000	Pluvio1	Barlow_BV25_2
Barlow_BV240_1	0.04	115.80	2.00	0.2000	SousPanneaux	Barlow_BV241_1
Barlow_BV240_1_Pann	0.04	115.80	100.00	70.0000	Pluvio1	Barlow_BV241_1
Barlow_BV240_2	0.02	53.41	2.00	0.2000	SousPanneaux	Barlow_BV241_2
Barlow_BV240_2_Pann	0.02	53.41	100.00	70.0000	Pluvio1	Barlow_BV241_2
Barlow_BV241_1	0.05	117.63	2.00	0.2000	Pluvio1	Barlow_BV242_1
Barlow_BV241_2	0.03	66.02	2.00	0.2000	Pluvio1	Barlow_BV242_2
Barlow_BV242_1	0.04	103.27	2.00	0.2000	SousPanneaux	Barlow_BV243_1
Barlow_BV242_1_Pann	0.04	103.27	100.00	70.0000	Pluvio1	Barlow_BV243_1
Barlow_BV242_2	0.03	69.48	2.00	0.2000	SousPanneaux	Barlow_BV243_2
Barlow_BV242_2_Pann	0.03	69.48	100.00	70.0000	Pluvio1	Barlow_BV243_2
Barlow_BV243_1	0.05	115.48	2.00	0.2000	Pluvio1	Barlow_BV244_1
Barlow_BV243_2	0.03	75.05	2.00	0.2000	Pluvio1	Barlow_BV244_2
Barlow_BV244_1	0.04	116.89	2.00	0.2000	SousPanneaux	Barlow_BV245_1
Barlow_BV244_1_Pann	0.04	116.89	100.00	70.0000	Pluvio1	Barlow_BV245_1
Barlow_BV244_2	0.03	76.84	2.00	0.2000	SousPanneaux	Barlow_BV245_2
Barlow_BV244_2_Pann	0.03	76.84	100.00	70.0000	Pluvio1	Barlow_BV245_2
Barlow_BV245_1	0.05	112.26	2.00	0.2000	Pluvio1	Barlow_BV246_1
Barlow_BV245_2	0.04	78.71	2.00	0.2000	Pluvio1	Barlow_BV246_2
Barlow_BV246_1	0.03	93.73	2.00	0.2000	SousPanneaux	Barlow_BV247_1
Barlow_BV246_1_Pann	0.03	93.73	100.00	70.0000	Pluvio1	Barlow_BV247_1
Barlow_BV246_2	0.03	71.94	2.00	0.2000	SousPanneaux	Barlow_BV247_2
Barlow_BV246_2_Pann	0.03	71.94	100.00	70.0000	Pluvio1	Barlow_BV247_2
Barlow_BV247_1	0.05	109.25	2.00	0.2000	Pluvio1	Barlow_BV248_1
Barlow_BV247_2	0.03	74.19	2.00	0.2000	Pluvio1	Barlow_BV248_2
Barlow_BV248_1	0.04	104.09	2.00	0.2000	SousPanneaux	Barlow_BV249_1
Barlow_BV248_1_Pann	0.04	104.09	100.00	70.0000	Pluvio1	Barlow_BV249_1

Barlow_BV248_2	0.03	72.21	2.00	0.2000	SousPanneaux	Barlow_BV249_2
Barlow_BV248_2_Pann	0.03	72.21	100.00	70.0000	Pluvio1	Barlow_BV249_2
Barlow_BV249_1	0.05	104.95	2.00	0.2000	Pluvio1	Barlow_BV250_1
Barlow_BV249_2	0.03	70.11	2.00	0.2000	Pluvio1	Barlow_BV250_2
Barlow_BV25_1	0.04	92.47	2.00	0.2000	Pluvio1	Barlow_BV18_2
Barlow_BV25_2	0.01	23.44	2.00	0.2000	Pluvio1	Barlow_BV18_3
Barlow_BV250_1	0.04	116.08	2.00	0.2000	SousPanneaux	Barlow_BV251_1
Barlow_BV250_1_Pann	0.04	116.08	100.00	70.0000	Pluvio1	Barlow_BV251_1
Barlow_BV250_2	0.03	73.57	2.00	0.2000	SousPanneaux	Barlow_BV251_2
Barlow_BV250_2_Pann	0.03	73.57	100.00	70.0000	Pluvio1	Barlow_BV251_2
Barlow_BV251_1	0.05	106.67	2.00	0.2000	Pluvio1	Barlow_BV252_1
Barlow_BV251_2	0.03	66.02	2.00	0.2000	Pluvio1	Barlow_BV252_2
Barlow_BV252_1	0.04	113.62	2.00	0.2000	SousPanneaux	Barlow_BV253_1
Barlow_BV252_1_Pann	0.04	113.62	100.00	70.0000	Pluvio1	Barlow_BV253_1
Barlow_BV252_2	0.02	66.21	2.00	0.2000	SousPanneaux	Barlow_BV253_2
Barlow_BV252_2_Pann	0.02	66.21	100.00	70.0000	Pluvio1	Barlow_BV253_2
Barlow_BV253_1	0.05	102.58	2.00	0.2000	Pluvio1	Barlow_BV254_1
Barlow_BV253_2	0.03	61.29	2.00	0.2000	Pluvio1	Barlow_BV254_2
Barlow_BV254_1	0.04	97.55	2.00	0.2000	SousPanneaux	Barlow_BV255_1
Barlow_BV254_1_Pann	0.04	97.55	100.00	70.0000	Pluvio1	Barlow_BV255_1
Barlow_BV254_2	0.02	60.76	2.00	0.2000	SousPanneaux	Barlow_BV255_2
Barlow_BV254_2_Pann	0.02	60.76	100.00	70.0000	Pluvio1	Barlow_BV255_2
Barlow_BV255_1	0.04	94.62	2.00	0.2000	Pluvio1	Barlow_BV256_1
Barlow_BV255_2	0.03	57.85	2.00	0.2000	Pluvio1	Barlow_BV256_2
Barlow_BV256_1	0.04	102.18	2.00	0.2000	SousPanneaux	Barlow_BV257_1
Barlow_BV256_1_Pann	0.04	102.18	100.00	70.0000	Pluvio1	Barlow_BV257_1
Barlow_BV256_2	0.02	59.95	2.00	0.2000	SousPanneaux	Barlow_BV257_2
Barlow_BV256_2_Pann	0.02	59.95	100.00	70.0000	Pluvio1	Barlow_BV257_2
Barlow_BV257_1	0.05	103.01	2.00	0.2000	Pluvio1	Barlow_BV258_1
Barlow_BV257_2	0.03	58.71	2.00	0.2000	Pluvio1	Barlow_BV258_2
Barlow_BV258_1	0.04	109.26	2.00	0.2000	SousPanneaux	Barlow_BV259_1
Barlow_BV258_1_Pann	0.04	109.26	100.00	70.0000	Pluvio1	Barlow_BV259_1
Barlow_BV258_2	0.02	57.22	2.00	0.2000	SousPanneaux	Barlow_BV259_2
Barlow_BV258_2_Pann	0.02	57.22	100.00	70.0000	Pluvio1	Barlow_BV259_2
Barlow_BV259_1	0.04	92.69	2.00	0.2000	Pluvio1	Barlow_BV260_1
Barlow_BV259_2	0.02	51.83	2.00	0.2000	Pluvio1	Barlow_BV260_2
Barlow_BV26_1	0.09	183.01	2.00	0.2000	Pluvio1	Barlow_BV5_3
Barlow_BV26_2	0.02	41.72	2.00	0.2000	Pluvio1	Barlow_BV5_4
Barlow_BV260_1	0.03	88.01	2.00	0.2000	SousPanneaux	Barlow_BV261_1
Barlow_BV260_1_Pann	0.03	88.01	100.00	70.0000	Pluvio1	Barlow_BV261_1
Barlow_BV260_2	0.02	52.59	2.00	0.2000	SousPanneaux	Barlow_BV261_2
Barlow_BV260_2_Pann	0.02	52.59	100.00	70.0000	Pluvio1	Barlow_BV261_2
Barlow_BV261_1	0.04	95.27	2.00	0.2000	Pluvio1	Barlow_BV262_1
Barlow_BV261_2	0.03	53.98	2.00	0.2000	Pluvio1	Barlow_J31
Barlow_BV262_1	0.03	85.56	2.00	0.2000	SousPanneaux	Barlow_BV263_1

Barlow_BV262_1_Pann	0.03	85.56	100.00	70.0000	Pluvio1	Barlow_BV263_1
Barlow_BV262_2	0.02	45.23	2.00	0.2000	SousPanneaux	Barlow_BV263_2
Barlow_BV262_2_Pann	0.02	45.23	100.00	70.0000	Pluvio1	Barlow_BV263_2
Barlow_BV263_1	0.05	97.85	2.00	0.2000	Pluvio1	Barlow_BV264_1
Barlow_BV263_2	0.02	47.10	2.00	0.2000	Pluvio1	Barlow_BV264_2
Barlow_BV264_1	0.04	95.91	2.00	0.2000	SousPanneaux	Barlow_BV265_1
Barlow_BV264_1_Pann	0.04	95.91	100.00	70.0000	Pluvio1	Barlow_BV265_1
Barlow_BV264_2	0.02	47.14	2.00	0.2000	SousPanneaux	Barlow_BV265_2
Barlow_BV264_2_Pann	0.02	47.14	100.00	70.0000	Pluvio1	Barlow_BV265_2
Barlow_BV265_1	0.05	98.71	2.00	0.2000	Pluvio1	Barlow_BV266_1
Barlow_BV265_2	0.02	45.38	2.00	0.2000	Pluvio1	Barlow_BV266_2
Barlow_BV266_1	0.04	97.55	2.00	0.2000	SousPanneaux	Barlow_BV267_1
Barlow_BV266_1_Pann	0.04	97.55	100.00	70.0000	Pluvio1	Barlow_BV267_1
Barlow_BV266_2	0.02	41.14	2.00	0.2000	SousPanneaux	Barlow_BV267_2
Barlow_BV266_2_Pann	0.02	41.14	100.00	70.0000	Pluvio1	Barlow_BV267_2
Barlow_BV267_1	0.04	92.26	2.00	0.2000	Pluvio1	Barlow_BV268_1
Barlow_BV267_2	0.02	41.08	2.00	0.2000	Pluvio1	Barlow_BV268_2
Barlow_BV268_1	0.03	84.20	2.00	0.2000	SousPanneaux	Barlow_BV269_1
Barlow_BV268_1_Pann	0.03	84.20	100.00	70.0000	Pluvio1	Barlow_BV269_1
Barlow_BV268_2	0.01	39.24	2.00	0.2000	SousPanneaux	Barlow_BV269_2
Barlow_BV268_2_Pann	0.01	39.24	100.00	70.0000	Pluvio1	Barlow_BV269_2
Barlow_BV269_1	0.04	86.67	2.00	0.2000	Pluvio1	Barlow_BV270_1
Barlow_BV269_2	0.02	37.85	2.00	0.2000	Pluvio1	Barlow_BV270_2
Barlow_BV27_1	0.02	63.76	2.00	0.2000	SousPanneaux	Barlow_BV26_1
Barlow_BV27_1_Pann	0.02	63.76	100.00	70.0000	Pluvio1	Barlow_BV26_1
Barlow_BV27_2	0.02	48.23	2.00	0.2000	SousPanneaux	Barlow_BV26_2
Barlow_BV27_2_Pann	0.02	48.23	100.00	70.0000	Pluvio1	Barlow_BV26_2
Barlow_BV270_1	0.03	86.38	2.00	0.2000	SousPanneaux	Barlow_BV271_1
Barlow_BV270_1_Pann	0.03	86.38	100.00	70.0000	Pluvio1	Barlow_BV271_1
Barlow_BV270_2	0.01	35.15	2.00	0.2000	SousPanneaux	Barlow_BV271_2
Barlow_BV270_2_Pann	0.01	35.15	100.00	70.0000	Pluvio1	Barlow_BV271_2
Barlow_BV271_1	0.04	90.75	2.00	0.2000	Pluvio1	Barlow_BV272_1
Barlow_BV271_2	0.02	35.48	2.00	0.2000	Pluvio1	Barlow_BV272_2
Barlow_BV272_1	0.03	87.74	2.00	0.2000	SousPanneaux	Barlow_BV273_1
Barlow_BV272_1_Pann	0.03	87.74	100.00	70.0000	Pluvio1	Barlow_BV273_1
Barlow_BV272_2	0.01	31.61	2.00	0.2000	SousPanneaux	Barlow_BV273_2
Barlow_BV272_2_Pann	0.01	31.61	100.00	70.0000	Pluvio1	Barlow_BV273_2
Barlow_BV273_1	0.04	95.48	2.00	0.2000	Pluvio1	Barlow_BV274_1
Barlow_BV273_2	0.01	32.26	2.00	0.2000	Pluvio1	Barlow_BV274_2
Barlow_BV274_1	0.03	91.55	2.00	0.2000	SousPanneaux	Barlow_BV275_1
Barlow_BV274_1_Pann	0.03	91.55	100.00	70.0000	Pluvio1	Barlow_BV275_1
Barlow_BV274_2	0.01	29.16	2.00	0.2000	SousPanneaux	Barlow_BV275_2
Barlow_BV274_2_Pann	0.01	29.16	100.00	70.0000	Pluvio1	Barlow_BV275_2
Barlow_BV275_1	0.04	85.81	2.00	0.2000	Pluvio1	Barlow_BV276_1
Barlow_BV275_2	0.01	28.39	2.00	0.2000	Pluvio1	Barlow_BV276_2

Barlow_BV276_1	0.03	81.47	2.00	0.2000	SousPanneaux	Barlow_BV277_1
Barlow_BV276_1_Pann	0.03	81.47	100.00	70.0000	Pluvio1	Barlow_BV277_1
Barlow_BV276_2	0.01	26.16	2.00	0.2000	SousPanneaux	Barlow_BV277_2
Barlow_BV276_2_Pann	0.01	26.16	100.00	70.0000	Pluvio1	Barlow_BV277_2
Barlow_BV277_1	0.04	80.00	2.00	0.2000	Pluvio1	Barlow_BV278_1
Barlow_BV277_2	0.01	24.09	2.00	0.2000	Pluvio1	Barlow_BV278_2
Barlow_BV278_1	0.03	86.65	2.00	0.2000	SousPanneaux	Barlow_BV279_1
Barlow_BV278_1_Pann	0.03	86.65	100.00	70.0000	Pluvio1	Barlow_BV279_1
Barlow_BV278_2	0.01	24.25	2.00	0.2000	SousPanneaux	Barlow_BV279_2
Barlow_BV278_2_Pann	0.01	24.25	100.00	70.0000	Pluvio1	Barlow_BV279_2
Barlow_BV279_1	0.04	84.09	2.00	0.2000	Pluvio1	Barlow_BV280_1
Barlow_BV279_2	0.01	21.29	2.00	0.2000	Pluvio1	Barlow_BV280_2
Barlow_BV28_1	0.02	49.03	2.00	0.2000	Pluvio1	Barlow_BV27_1
Barlow_BV28_2	0.02	42.80	2.00	0.2000	Pluvio1	Barlow_BV27_2
Barlow_BV280_1	0.03	83.38	2.00	0.2000	SousPanneaux	Barlow_BV281_1
Barlow_BV280_1_Pann	0.03	83.38	100.00	70.0000	Pluvio1	Barlow_BV281_1
Barlow_BV280_2	0.01	18.80	2.00	0.2000	SousPanneaux	Barlow_BV281_2
Barlow_BV280_2_Pann	0.01	18.80	100.00	70.0000	Pluvio1	Barlow_BV281_2
Barlow_BV281_1	0.04	80.64	2.00	0.2000	Pluvio1	Barlow_BV14_3
Barlow_BV281_2	0.01	19.36	2.00	0.2000	Pluvio1	Barlow_BV282_2
Barlow_BV282_1	0.03	73.03	2.00	0.2000	SousPanneaux	Barlow_BV283_1
Barlow_BV282_1_Pann	0.03	73.03	100.00	70.0000	Pluvio1	Barlow_BV283_1
Barlow_BV282_2	0.01	16.62	2.00	0.2000	SousPanneaux	Barlow_BV283_2
Barlow_BV282_2_Pann	0.01	16.62	100.00	70.0000	Pluvio1	Barlow_BV283_2
Barlow_BV283_1	0.03	63.23	2.00	0.2000	Pluvio1	Barlow_BV284_1
Barlow_BV283_2	0.01	15.05	2.00	0.2000	Pluvio1	Barlow_BV284_2
Barlow_BV284_1	0.02	58.86	2.00	0.2000	SousPanneaux	Barlow_BV285_1
Barlow_BV284_1_Pann	0.02	58.86	100.00	70.0000	Pluvio1	Barlow_BV285_1
Barlow_BV284_2	0.01	14.17	2.00	0.2000	SousPanneaux	Barlow_BV285_2
Barlow_BV284_2_Pann	0.01	14.17	100.00	70.0000	Pluvio1	Barlow_BV285_2
Barlow_BV285_1	0.03	58.71	2.00	0.2000	Pluvio1	Barlow_BV286_1
Barlow_BV285_2	0.01	11.61	2.00	0.2000	Pluvio1	Barlow_BV286_2
Barlow_BV286_1	0.02	58.58	2.00	0.2000	SousPanneaux	Barlow_BV287_1
Barlow_BV286_1_Pann	0.02	58.58	100.00	70.0000	Pluvio1	Barlow_BV287_1
Barlow_BV286_2	0.00	9.81	2.00	0.2000	SousPanneaux	Barlow_BV287_2
Barlow_BV286_2_Pann	0.00	9.81	100.00	70.0000	Pluvio1	Barlow_BV287_2
Barlow_BV287_1	0.03	55.48	2.00	0.2000	Pluvio1	Barlow_BV288_1
Barlow_BV287_2	0.00	9.03	2.00	0.2000	Pluvio1	Barlow_BV288_2
Barlow_BV288_1	0.02	46.05	2.00	0.2000	SousPanneaux	Barlow_BV289_1
Barlow_BV288_1_Pann	0.02	46.05	100.00	70.0000	Pluvio1	Barlow_BV289_1
Barlow_BV288_2	0.00	6.81	2.00	0.2000	SousPanneaux	Barlow_BV289_2
Barlow_BV288_2_Pann	0.00	6.81	100.00	70.0000	Pluvio1	Barlow_BV289_2
Barlow_BV289_1	0.02	39.14	2.00	0.2000	Pluvio1	Barlow_BV290_1
Barlow_BV289_2	0.00	5.38	2.00	0.2000	Pluvio1	Barlow_BV290_2
Barlow_BV29_1	0.02	46.87	2.00	0.2000	SousPanneaux	Barlow_BV28_1

Barlow_BV29_1_Pann	0.02	46.87	100.00	70.0000	Pluvio1	Barlow_BV28_1
Barlow_BV29_2	0.02	46.05	2.00	0.2000	SousPanneaux	Barlow_BV28_2
Barlow_BV29_2_Pann	0.02	46.05	100.00	70.0000	Pluvio1	Barlow_BV28_2
Barlow_BV290_1	0.01	31.61	2.00	0.2000	SousPanneaux	Barlow_J18
Barlow_BV290_1_Pann	0.01	31.61	100.00	70.0000	Pluvio1	Barlow_J18
Barlow_BV290_2	0.00	3.81	2.00	0.2000	SousPanneaux	Barlow_J18
Barlow_BV290_2_Pann	0.00	3.81	100.00	70.0000	Pluvio1	Barlow_J18
Barlow_BV291_1	0.06	175.75	2.00	0.2000	SousPanneaux	Barlow_BV292_1
Barlow_BV291_1_Pann	0.06	175.75	100.00	70.0000	Pluvio1	Barlow_BV292_1
Barlow_BV291_2	0.00	11.72	2.00	0.2000	SousPanneaux	Barlow_BV294_2
Barlow_BV291_2_Pann	0.00	11.72	100.00	70.0000	Pluvio1	Barlow_BV294_2
Barlow_BV292_1	0.07	155.05	2.00	0.2000	Pluvio1	Barlow_BV293_1
Barlow_BV292_2	0.00	10.32	2.00	0.2000	Pluvio1	Barlow_BV294_2
Barlow_BV293_1	0.05	148.77	2.00	0.2000	SousPanneaux	Barlow_BV294_1
Barlow_BV293_1_Pann	0.05	148.77	100.00	70.0000	Pluvio1	Barlow_BV294_1
Barlow_BV293_2	0.00	8.99	2.00	0.2000	SousPanneaux	Barlow_BV294_2
Barlow_BV293_2_Pann	0.00	8.99	100.00	70.0000	Pluvio1	Barlow_BV294_2
Barlow_BV294_1	0.07	157.85	2.00	0.2000	Pluvio1	Barlow_BV296_1
Barlow_BV294_2	0.11	233.12	2.00	0.2000	Pluvio1	Barlow_BV296_2
Barlow_BV295	0.06	161.04	2.00	0.2000	SousPanneaux	Barlow_BV294_2
Barlow_BV295_Pann	0.06	161.04	100.00	70.0000	Pluvio1	Barlow_BV294_2
Barlow_BV296_1	0.06	151.23	2.00	0.2000	SousPanneaux	Barlow_BV297_1
Barlow_BV296_1_Pann	0.06	151.23	100.00	70.0000	Pluvio1	Barlow_BV297_1
Barlow_BV296_2	0.06	164.03	2.00	0.2000	SousPanneaux	Barlow_BV297_2
Barlow_BV296_2_Pann	0.06	164.03	100.00	70.0000	Pluvio1	Barlow_BV297_2
Barlow_BV297_1	0.06	139.57	2.00	0.2000	Pluvio1	Barlow_BV298_1
Barlow_BV297_2	0.07	160.43	2.00	0.2000	Pluvio1	Barlow_BV298_2
Barlow_BV298_1	0.05	137.33	2.00	0.2000	SousPanneaux	Barlow_BV299_1
Barlow_BV298_1_Pann	0.05	137.33	100.00	70.0000	Pluvio1	Barlow_BV299_1
Barlow_BV298_2	0.06	165.94	2.00	0.2000	SousPanneaux	Barlow_BV299_2
Barlow_BV298_2_Pann	0.06	165.94	100.00	70.0000	Pluvio1	Barlow_BV299_2
Barlow_BV299_1	0.06	132.69	2.00	0.2000	Pluvio1	Barlow_BV300_1
Barlow_BV299_2	0.07	158.28	2.00	0.2000	Pluvio1	Barlow_BV300_2
Barlow_BV3	0.03	73.30	2.00	0.2000	SousPanneaux	Barlow_BV175_64
Barlow_BV3_Pann	0.03	73.30	100.00	70.0000	Pluvio1	Barlow_BV175_64
Barlow_BV30_1	0.02	34.41	2.00	0.2000	Pluvio1	Barlow_BV29_1
Barlow_BV30_2	0.02	42.58	2.00	0.2000	Pluvio1	Barlow_BV29_2
Barlow_BV300_1	0.05	122.89	2.00	0.2000	SousPanneaux	Barlow_BV301_1
Barlow_BV300_1_Pann	0.05	122.89	100.00	70.0000	Pluvio1	Barlow_BV301_1
Barlow_BV300_2	0.06	167.58	2.00	0.2000	SousPanneaux	Barlow_BV301_2
Barlow_BV300_2_Pann	0.06	167.58	100.00	70.0000	Pluvio1	Barlow_BV301_2
Barlow_BV301_1	0.05	115.27	2.00	0.2000	Pluvio1	Barlow_BV302_1
Barlow_BV301_2	0.07	158.28	2.00	0.2000	Pluvio1	Barlow_BV302_2
Barlow_BV302_1	0.04	103.54	2.00	0.2000	SousPanneaux	Barlow_BV303_1
Barlow_BV302_1_Pann	0.04	103.54	100.00	70.0000	Pluvio1	Barlow_BV303_1

Barlow_BV302_2	0.06	159.13	2.00	0.2000	SousPanneaux	Barlow_BV303_2
Barlow_BV302_2_Pann	0.06	159.13	100.00	70.0000	Pluvio1	Barlow_BV303_2
Barlow_BV303_1	0.05	99.78	2.00	0.2000	Pluvio1	Barlow_BV304_1
Barlow_BV303_2	0.07	155.70	2.00	0.2000	Pluvio1	Barlow_BV304_2
Barlow_BV304_1	0.03	90.74	2.00	0.2000	SousPanneaux	Barlow_BV305_1
Barlow_BV304_1_Pann	0.03	90.74	100.00	70.0000	Pluvio1	Barlow_BV305_1
Barlow_BV304_2	0.06	154.22	2.00	0.2000	SousPanneaux	Barlow_BV305_2
Barlow_BV304_2_Pann	0.06	154.22	100.00	70.0000	Pluvio1	Barlow_BV305_2
Barlow_BV305_1	0.04	95.91	2.00	0.2000	Pluvio1	Barlow_BV306_1
Barlow_BV305_2	0.07	154.84	2.00	0.2000	Pluvio1	Barlow_BV306_2
Barlow_BV306_1	0.03	92.10	2.00	0.2000	SousPanneaux	Barlow_BV307_1
Barlow_BV306_1_Pann	0.03	92.10	100.00	70.0000	Pluvio1	Barlow_BV307_1
Barlow_BV306_2	0.06	157.77	2.00	0.2000	SousPanneaux	Barlow_BV307_2
Barlow_BV306_2_Pann	0.06	157.77	100.00	70.0000	Pluvio1	Barlow_BV307_2
Barlow_BV307_1	0.04	89.03	2.00	0.2000	Pluvio1	Barlow_BV308_1
Barlow_BV307_2	0.07	149.25	2.00	0.2000	Pluvio1	Barlow_BV308_2
Barlow_BV308_1	0.03	79.29	2.00	0.2000	SousPanneaux	Barlow_BV309_1
Barlow_BV308_1_Pann	0.03	79.29	100.00	70.0000	Pluvio1	Barlow_BV309_1
Barlow_BV308_2	0.06	156.68	2.00	0.2000	SousPanneaux	Barlow_BV309_2
Barlow_BV308_2_Pann	0.06	156.68	100.00	70.0000	Pluvio1	Barlow_BV309_2
Barlow_BV309_1	0.03	72.26	2.00	0.2000	Pluvio1	Barlow_BV310_1
Barlow_BV309_2	0.07	151.40	2.00	0.2000	Pluvio1	Barlow_BV310_2
Barlow_BV310_1	0.02	62.40	2.00	0.2000	SousPanneaux	Barlow_BV311_1
Barlow_BV310_1_Pann	0.02	62.40	100.00	70.0000	Pluvio1	Barlow_BV311_1
Barlow_BV310_2	0.05	139.78	2.00	0.2000	SousPanneaux	Barlow_BV311_2
Barlow_BV310_2_Pann	0.05	139.78	100.00	70.0000	Pluvio1	Barlow_BV311_2
Barlow_BV311_1	0.03	57.20	2.00	0.2000	Pluvio1	Barlow_BV312_1
Barlow_BV311_2	0.07	149.25	2.00	0.2000	Pluvio1	Barlow_BV312_2
Barlow_BV312_1	0.02	49.86	2.00	0.2000	SousPanneaux	Barlow_BV313_1
Barlow_BV312_1_Pann	0.02	49.86	100.00	70.0000	Pluvio1	Barlow_BV313_1
Barlow_BV312_2	0.05	149.59	2.00	0.2000	SousPanneaux	Barlow_BV313_2
Barlow_BV312_2_Pann	0.05	149.59	100.00	70.0000	Pluvio1	Barlow_BV313_2
Barlow_BV313_1	0.02	49.25	2.00	0.2000	Pluvio1	Barlow_BV314_1
Barlow_BV313_2	0.06	135.91	2.00	0.2000	Pluvio1	Barlow_BV314_2
Barlow_BV314_1	0.02	52.32	2.00	0.2000	SousPanneaux	Barlow_BV315_1
Barlow_BV314_1_Pann	0.02	52.32	100.00	70.0000	Pluvio1	Barlow_BV315_1
Barlow_BV314_2	0.05	125.89	2.00	0.2000	SousPanneaux	Barlow_BV315_2
Barlow_BV314_2_Pann	0.05	125.89	100.00	70.0000	Pluvio1	Barlow_BV315_2
Barlow_BV315_1	0.02	43.23	2.00	0.2000	Pluvio1	Barlow_BV316_1
Barlow_BV315_2	0.05	117.85	2.00	0.2000	Pluvio1	Barlow_BV316_2
Barlow_BV316_1	0.01	36.78	2.00	0.2000	SousPanneaux	Barlow_BV317_1
Barlow_BV316_1_Pann	0.01	36.78	100.00	70.0000	Pluvio1	Barlow_BV317_1
Barlow_BV316_2	0.04	105.72	2.00	0.2000	SousPanneaux	Barlow_BV317_2
Barlow_BV316_2_Pann	0.04	105.72	100.00	70.0000	Pluvio1	Barlow_BV317_2
Barlow_BV317_1	0.01	27.96	2.00	0.2000	Pluvio1	Barlow_BV318_1

Barlow_BV317_2	0.04	92.04	2.00	0.2000	Pluvio1	Barlow_Pond1
Barlow_BV318_1	0.01	20.71	2.00	0.2000	SousPanneaux	Barlow_BV319_1
Barlow_BV318_1_Pann	0.01	20.71	100.00	70.0000	Pluvio1	Barlow_BV319_1
Barlow_BV318_2	0.03	86.10	2.00	0.2000	SousPanneaux	Barlow_BV319_2
Barlow_BV318_2_Pann	0.03	86.10	100.00	70.0000	Pluvio1	Barlow_BV319_2
Barlow_BV319_1	0.01	19.36	2.00	0.2000	Pluvio1	Barlow_BV320_1
Barlow_BV319_2	0.04	77.63	2.00	0.2000	Pluvio1	Barlow_BV320_2
Barlow_BV32_1	0.01	29.16	2.00	0.2000	SousPanneaux	Barlow_BV30_1
Barlow_BV32_1_Pann	0.01	29.16	100.00	70.0000	Pluvio1	Barlow_BV30_1
Barlow_BV32_2	0.02	45.23	2.00	0.2000	SousPanneaux	Barlow_BV30_2
Barlow_BV32_2_Pann	0.02	45.23	100.00	70.0000	Pluvio1	Barlow_BV30_2
Barlow_BV320_1	0.01	18.26	2.00	0.2000	SousPanneaux	Barlow_BV321_1
Barlow_BV320_1_Pann	0.01	18.26	100.00	70.0000	Pluvio1	Barlow_BV321_1
Barlow_BV320_2	0.03	72.75	2.00	0.2000	SousPanneaux	Barlow_BV321_2
Barlow_BV320_2_Pann	0.03	72.75	100.00	70.0000	Pluvio1	Barlow_BV321_2
Barlow_BV321_1	0.01	11.83	2.00	0.2000	Pluvio1	Barlow_BV322_1
Barlow_BV321_2	0.03	67.74	2.00	0.2000	Pluvio1	Barlow_BV322_2
Barlow_BV322_1	0.00	6.27	2.00	0.2000	SousPanneaux	Barlow_J30
Barlow_BV322_1_Pann	0.00	6.27	100.00	70.0000	Pluvio1	Barlow_J30
Barlow_BV322_2	0.02	64.85	2.00	0.2000	SousPanneaux	Barlow_BV323_2
Barlow_BV322_2_Pann	0.02	64.85	100.00	70.0000	Pluvio1	Barlow_BV323_2
Barlow_BV323_2	0.02	50.97	2.00	0.2000	Pluvio1	Barlow_Pond1
Barlow_BV324	0.01	34.88	2.00	0.2000	SousPanneaux	Barlow_Pond1
Barlow_BV324_Pann	0.01	34.88	100.00	70.0000	Pluvio1	Barlow_J30
Barlow_BV325	0.01	17.98	2.00	0.2000	SousPanneaux	Barlow_BV326
Barlow_BV325_Pann	0.01	17.98	100.00	70.0000	Pluvio1	Barlow_BV326
Barlow_BV326	0.01	26.88	2.00	0.2000	Pluvio1	Barlow_BV327
Barlow_BV327	0.01	35.97	2.00	0.2000	SousPanneaux	Barlow_BV328
Barlow_BV327_Pann	0.01	35.97	100.00	70.0000	Pluvio1	Barlow_BV328
Barlow_BV328	0.02	42.15	2.00	0.2000	Pluvio1	Barlow_BV329
Barlow_BV329	0.02	54.22	2.00	0.2000	SousPanneaux	Barlow_BV330
Barlow_BV329_Pann	0.02	54.22	100.00	70.0000	Pluvio1	Barlow_BV330
Barlow_BV33_1	0.01	19.14	2.00	0.2000	Pluvio1	Barlow_BV32_1
Barlow_BV33_2	0.02	49.46	2.00	0.2000	Pluvio1	Barlow_BV32_2
Barlow_BV330	0.03	61.51	2.00	0.2000	Pluvio1	Barlow_BV331
Barlow_BV331	0.03	72.48	2.00	0.2000	SousPanneaux	Barlow_BV332
Barlow_BV331_Pann	0.03	72.48	100.00	70.0000	Pluvio1	Barlow_BV332
Barlow_BV332	0.04	80.00	2.00	0.2000	Pluvio1	Barlow_BV333
Barlow_BV333	0.03	90.46	2.00	0.2000	SousPanneaux	Barlow_BV334
Barlow_BV333_Pann	0.03	90.46	100.00	70.0000	Pluvio1	Barlow_BV334
Barlow_BV334	0.04	96.13	2.00	0.2000	Pluvio1	Barlow_BV335
Barlow_BV335	0.04	100.00	2.00	0.2000	SousPanneaux	Barlow_BV336
Barlow_BV335_Pann	0.04	100.00	100.00	70.0000	Pluvio1	Barlow_BV336
Barlow_BV336	0.06	121.08	2.00	0.2000	Pluvio1	Barlow_BV337
Barlow_BV337	0.04	119.07	2.00	0.2000	SousPanneaux	Barlow_BV338

Barlow_BV337_Pann	0.04	119.07	100.00	70.0000	Pluvio1	Barlow_BV338
Barlow_BV338	0.06	132.04	2.00	0.2000	Pluvio1	Barlow_BV339
Barlow_BV339	0.05	147.68	2.00	0.2000	SousPanneaux	Barlow_BV340
Barlow_BV339_Pann	0.05	147.68	100.00	70.0000	Pluvio1	Barlow_BV340
Barlow_BV34	0.15	125.00	2.00	0.2000	Pluvio1	Barlow_J3
Barlow_BV340	0.07	150.54	2.00	0.2000	Pluvio1	Barlow_BV341
Barlow_BV341	0.06	154.22	2.00	0.2000	SousPanneaux	Barlow_BV342
Barlow_BV341_Pann	0.06	154.22	100.00	70.0000	Pluvio1	Barlow_BV342
Barlow_BV342	0.08	174.84	2.00	0.2000	Pluvio1	Barlow_BV343
Barlow_BV343	0.07	177.38	2.00	0.2000	SousPanneaux	Barlow_BV344_1
Barlow_BV343_Pann	0.07	177.38	100.00	70.0000	Pluvio1	Barlow_BV344_1
Barlow_BV344_1	0.09	186.24	2.00	0.2000	Pluvio1	Barlow_BV345_1
Barlow_BV344_2	0.00	2.15	2.00	0.2000	Pluvio1	Barlow_BV345_2
Barlow_BV345_1	0.07	184.20	2.00	0.2000	SousPanneaux	Barlow_BV346_1
Barlow_BV345_1_Pann	0.07	184.20	100.00	70.0000	Pluvio1	Barlow_BV346_1
Barlow_BV345_2	0.00	7.90	2.00	0.2000	SousPanneaux	Barlow_BV346_2
Barlow_BV345_2_Pann	0.00	7.90	100.00	70.0000	Pluvio1	Barlow_BV346_2
Barlow_BV346_1	0.09	186.24	2.00	0.2000	Pluvio1	Barlow_BV347_1
Barlow_BV346_2	0.01	15.27	2.00	0.2000	Pluvio1	Barlow_BV347_2
Barlow_BV347_1	0.07	191.83	2.00	0.2000	SousPanneaux	Barlow_BV348_1
Barlow_BV347_1_Pann	0.07	191.83	100.00	70.0000	Pluvio1	Barlow_BV348_1
Barlow_BV347_2	0.01	24.25	2.00	0.2000	SousPanneaux	Barlow_BV348_2
Barlow_BV347_2_Pann	0.01	24.25	100.00	70.0000	Pluvio1	Barlow_BV348_2
Barlow_BV348_1	0.09	184.95	2.00	0.2000	Pluvio1	Barlow_BV349_1
Barlow_BV348_2	0.01	30.97	2.00	0.2000	Pluvio1	Barlow_BV349_2
Barlow_BV349_1	0.07	194.82	2.00	0.2000	SousPanneaux	Barlow_BV350_1
Barlow_BV349_1_Pann	0.07	194.82	100.00	70.0000	Pluvio1	Barlow_BV350_1
Barlow_BV349_2	0.01	39.51	2.00	0.2000	SousPanneaux	Barlow_BV350_2
Barlow_BV349_2_Pann	0.01	39.51	100.00	70.0000	Pluvio1	Barlow_BV350_2
Barlow_BV35_1	0.00	11.72	2.00	0.2000	SousPanneaux	Barlow_BV33_1
Barlow_BV35_1_Pann	0.00	11.72	100.00	70.0000	Pluvio1	Barlow_BV33_1
Barlow_BV35_3	0.10	277.11	2.00	0.2000	SousPanneaux	Barlow_BV13_18
Barlow_BV35_3_Pann	0.10	277.11	100.00	70.0000	Pluvio1	Barlow_BV13_18
Barlow_BV35_4	0.03	74.11	2.00	0.2000	SousPanneaux	Barlow_BV54
Barlow_BV35_4_Pann	0.03	74.11	100.00	70.0000	Pluvio1	Barlow_BV54
Barlow_BV350_1	0.09	191.83	2.00	0.2000	Pluvio1	Barlow_BV351_1
Barlow_BV350_2	0.02	47.53	2.00	0.2000	Pluvio1	Barlow_BV351_2
Barlow_BV351_1	0.07	189.92	2.00	0.2000	SousPanneaux	Barlow_BV376_2
Barlow_BV351_1_Pann	0.07	189.92	100.00	70.0000	Pluvio1	Barlow_BV376_2
Barlow_BV351_2	0.02	54.77	2.00	0.2000	SousPanneaux	Barlow_BV376_1
Barlow_BV351_2_Pann	0.02	54.77	100.00	70.0000	Pluvio1	Barlow_BV376_1
Barlow_BV352	0.03	74.39	2.00	0.2000	SousPanneaux	Barlow_BV353
Barlow_BV352_Pann	0.03	74.39	100.00	70.0000	Pluvio1	Barlow_BV353
Barlow_BV353	0.04	82.37	2.00	0.2000	Pluvio1	Barlow_BV354
Barlow_BV354	0.03	89.65	2.00	0.2000	SousPanneaux	Barlow_BV355

Barlow_BV354_Pann	0.03	89.65	100.00	70.0000	Pluvio1	Barlow_BV355
Barlow_BV355	0.04	91.83	2.00	0.2000	Pluvio1	Barlow_BV356
Barlow_BV356	0.03	88.01	2.00	0.2000	SousPanneaux	Barlow_BV357
Barlow_BV356_Pann	0.03	88.01	100.00	70.0000	Pluvio1	Barlow_BV357
Barlow_BV357	0.04	81.94	2.00	0.2000	Pluvio1	Barlow_BV358
Barlow_BV358	0.03	72.75	2.00	0.2000	SousPanneaux	Barlow_BV359
Barlow_BV358_Pann	0.03	72.75	100.00	70.0000	Pluvio1	Barlow_BV359
Barlow_BV359	0.03	63.44	2.00	0.2000	Pluvio1	Barlow_Pond2
Barlow_BV36_1	0.11	242.80	2.00	0.2000	Pluvio1	Barlow_BV35_3
Barlow_BV36_2	0.04	77.63	2.00	0.2000	Pluvio1	Barlow_BV35_4
Barlow_BV360	0.02	52.86	2.00	0.2000	SousPanneaux	Barlow_BV361
Barlow_BV360_Pann	0.02	52.86	100.00	70.0000	Pluvio1	Barlow_BV361
Barlow_BV361	0.02	46.67	2.00	0.2000	Pluvio1	Barlow_BV362
Barlow_BV362	0.01	35.42	2.00	0.2000	SousPanneaux	Barlow_Pond2
Barlow_BV362_Pann	0.01	35.42	100.00	70.0000	Pluvio1	Barlow_J24
Barlow_BV363	0.07	160.65	2.00	0.2000	Pluvio1	Barlow_BV295
Barlow_BV364	0.06	160.49	2.00	0.2000	SousPanneaux	Barlow_BV363
Barlow_BV364_Pann	0.06	160.49	100.00	70.0000	Pluvio1	Barlow_BV363
Barlow_BV365	0.27	210.00	2.00	0.2000	Pluvio1	Barlow_J22
Barlow_BV366	0.12	220.00	2.00	0.2000	Pluvio1	Barlow_J26
Barlow_BV367	0.07	134.19	2.00	0.2000	Pluvio1	Barlow_BV10_8
Barlow_BV368_2	0.66	85.00	2.00	0.2000	Pluvio1	Barlow_BV227
Barlow_BV369	0.08	181.29	2.00	0.2000	Pluvio1	Barlow_J18
Barlow_BV37_1	0.09	241.69	2.00	0.2000	SousPanneaux	Barlow_BV36_1
Barlow_BV37_1_Pann	0.09	241.69	100.00	70.0000	Pluvio1	Barlow_BV36_1
Barlow_BV37_2	0.03	78.47	2.00	0.2000	SousPanneaux	Barlow_BV36_2
Barlow_BV37_2_Pann	0.03	78.47	100.00	70.0000	Pluvio1	Barlow_BV36_2
Barlow_BV370	0.07	157.63	2.00	0.2000	Pluvio1	Barlow_J20
Barlow_BV371_1	0.07	160.22	2.00	0.2000	Pluvio1	Barlow_BV291_1
Barlow_BV371_2	0.06	165.59	2.00	0.2000	Pluvio1	Barlow_BV364
Barlow_BV372	0.06	139.57	2.00	0.2000	Pluvio1	Barlow_J20
Barlow_BV373_1	0.24	115.00	2.00	0.2000	Pluvio1	Barlow_J19
Barlow_BV374_2	0.37	65.00	2.00	0.2000	Pluvio1	Barlow_BV178
Barlow_BV375	0.05	4.00	2.00	0.2000	Pluvio1	Barlow_J50
Barlow_BV376_1	0.03	63.01	2.00	0.2000	Pluvio1	Barlow_BV352
Barlow_BV376_2	0.10	166.67	2.00	0.2000	Pluvio1	Barlow_J13
Barlow_BV377_1	0.37	65.00	2.00	0.2000	Pluvio1	Barlow_BV350_2
Barlow_BV377_3	0.64	125.00	2.00	0.2000	Pluvio1	Barlow_BV334
Barlow_BV377_4	0.16	420.00	2.00	0.2000	Pluvio1	Barlow_BV377_3
Barlow_BV377_5	0.12	200.00	2.00	0.2000	Pluvio1	Barlow_BV377_1
Barlow_BV378_1	0.06	50.00	2.00	0.2000	Pluvio1	Barlow_J32
Barlow_BV378_2	0.02	50.00	2.00	0.2000	Pluvio1	Barlow_J32
Barlow_BV379_1	0.04	76.77	2.00	0.2000	Pluvio1	Barlow_BV13_1
Barlow_BV379_2	0.01	21.07	2.00	0.2000	Pluvio1	Barlow_BV380_2
Barlow_BV38_1	0.11	234.19	2.00	0.2000	Pluvio1	Barlow_BV37_1

Barlow_BV38_2	0.04	76.34	2.00	0.2000	Pluvio1	Barlow_BV37_2
Barlow_BV380_1	0.03	69.75	2.00	0.2000	SousPanneaux	Barlow_BV175_78
Barlow_BV380_1_Pann	0.03	69.75	100.00	70.0000	Pluvio1	Barlow_BV175_78
Barlow_BV380_2	0.01	19.89	2.00	0.2000	SousPanneaux	Barlow_J3
Barlow_BV380_2_Pann	0.01	19.89	100.00	70.0000	Pluvio1	Barlow_J3
Barlow_BV39_1	0.08	229.70	2.00	0.2000	SousPanneaux	Barlow_BV38_1
Barlow_BV39_1_Pann	0.08	229.70	100.00	70.0000	Pluvio1	Barlow_BV38_1
Barlow_BV39_2	0.03	72.75	2.00	0.2000	SousPanneaux	Barlow_BV38_2
Barlow_BV39_2_Pann	0.03	72.75	100.00	70.0000	Pluvio1	Barlow_BV38_2
Barlow_BV4	0.04	106.81	2.00	0.2000	SousPanneaux	Barlow_BV175_63
Barlow_BV4_Pann	0.04	106.81	100.00	70.0000	Pluvio1	Barlow_BV175_63
Barlow_BV40_1	0.10	220.86	2.00	0.2000	Pluvio1	Barlow_BV39_1
Barlow_BV40_2	0.03	68.17	2.00	0.2000	Pluvio1	Barlow_BV39_2
Barlow_BV41_1	0.08	218.26	2.00	0.2000	SousPanneaux	Barlow_BV40_1
Barlow_BV41_1_Pann	0.08	218.26	100.00	70.0000	Pluvio1	Barlow_BV40_1
Barlow_BV41_2	0.02	66.21	2.00	0.2000	SousPanneaux	Barlow_BV40_2
Barlow_BV41_2_Pann	0.02	66.21	100.00	70.0000	Pluvio1	Barlow_BV40_2
Barlow_BV42_1	0.10	209.03	2.00	0.2000	Pluvio1	Barlow_BV41_1
Barlow_BV42_2	0.03	63.44	2.00	0.2000	Pluvio1	Barlow_BV41_2
Barlow_BV43_1	0.07	204.36	2.00	0.2000	SousPanneaux	Barlow_BV42_1
Barlow_BV43_1_Pann	0.07	204.36	100.00	70.0000	Pluvio1	Barlow_BV42_1
Barlow_BV43_2	0.02	65.12	2.00	0.2000	SousPanneaux	Barlow_BV42_2
Barlow_BV43_2_Pann	0.02	65.12	100.00	70.0000	Pluvio1	Barlow_BV42_2
Barlow_BV44_1	0.09	195.70	2.00	0.2000	Pluvio1	Barlow_BV43_1
Barlow_BV44_2	0.03	68.82	2.00	0.2000	Pluvio1	Barlow_BV43_2
Barlow_BV45_1	0.07	188.56	2.00	0.2000	SousPanneaux	Barlow_BV44_1
Barlow_BV45_1_Pann	0.07	188.56	100.00	70.0000	Pluvio1	Barlow_BV44_1
Barlow_BV45_2	0.03	77.38	2.00	0.2000	SousPanneaux	Barlow_BV44_2
Barlow_BV45_2_Pann	0.03	77.38	100.00	70.0000	Pluvio1	Barlow_BV44_2
Barlow_BV46_1	0.08	180.22	2.00	0.2000	Pluvio1	Barlow_BV45_1
Barlow_BV46_2	0.03	67.31	2.00	0.2000	Pluvio1	Barlow_BV45_2
Barlow_BV47_1	0.06	171.66	2.00	0.2000	SousPanneaux	Barlow_BV46_1
Barlow_BV47_1_Pann	0.06	171.66	100.00	70.0000	Pluvio1	Barlow_BV46_1
Barlow_BV47_2	0.02	59.13	2.00	0.2000	SousPanneaux	Barlow_BV46_2
Barlow_BV47_2_Pann	0.02	59.13	100.00	70.0000	Pluvio1	Barlow_BV46_2
Barlow_BV48_1	0.08	162.37	2.00	0.2000	Pluvio1	Barlow_BV47_1
Barlow_BV48_2	0.02	39.78	2.00	0.2000	Pluvio1	Barlow_BV47_2
Barlow_BV49_1	0.06	157.49	2.00	0.2000	SousPanneaux	Barlow_BV48_1
Barlow_BV49_1_Pann	0.06	157.49	100.00	70.0000	Pluvio1	Barlow_BV48_1
Barlow_BV49_2	0.01	23.43	2.00	0.2000	SousPanneaux	Barlow_BV48_2
Barlow_BV49_2_Pann	0.01	23.43	100.00	70.0000	Pluvio1	Barlow_BV48_2
Barlow_BV5	0.03	25.00	2.00	0.2000	Pluvio1	Barlow_BV49_2
Barlow_BV5_1	0.05	137.88	2.00	0.2000	SousPanneaux	Barlow_BV175_67
Barlow_BV5_1_Pann	0.05	137.88	100.00	70.0000	Pluvio1	Barlow_BV175_67
Barlow_BV5_2	0.05	143.60	2.00	0.2000	SousPanneaux	Barlow_BV175_2

Barlow_BV5_2_Pann	0.05	143.60	100.00	70.0000	Pluviol	Barlow_BV175_2
Barlow_BV5_3	0.06	170.03	2.00	0.2000	SousPanneaux	Barlow_BV7_3
Barlow_BV5_3_Pann	0.06	170.03	100.00	70.0000	Pluviol	Barlow_BV7_3
Barlow_BV5_4	0.01	36.51	2.00	0.2000	SousPanneaux	Barlow_BV7_4
Barlow_BV5_4_Pann	0.01	36.51	100.00	70.0000	Pluviol	Barlow_BV7_4
Barlow_BV50_1	0.07	144.52	2.00	0.2000	Pluviol	Barlow_BV49_1
Barlow_BV51_1	0.05	140.05	2.00	0.2000	SousPanneaux	Barlow_BV50_1
Barlow_BV51_1_Pann	0.05	140.05	100.00	70.0000	Pluviol	Barlow_BV50_1
Barlow_BV51_2	0.00	4.63	2.00	0.2000	SousPanneaux	Barlow_BV5
Barlow_BV51_2_Pann	0.00	4.63	100.00	70.0000	Pluviol	Barlow_BV5
Barlow_BV52	0.05	113.12	2.00	0.2000	Pluviol	Barlow_BV51_1
Barlow_BV53	0.03	91.55	2.00	0.2000	SousPanneaux	Barlow_BV52
Barlow_BV53_Pann	0.03	91.55	100.00	70.0000	Pluviol	Barlow_BV52
Barlow_BV54	0.03	69.46	2.00	0.2000	Pluviol	Barlow_BV55
Barlow_BV55	0.03	70.57	2.00	0.2000	SousPanneaux	Barlow_BV56
Barlow_BV55_Pann	0.03	70.57	100.00	70.0000	Pluviol	Barlow_BV56
Barlow_BV56	0.04	82.15	2.00	0.2000	Pluviol	Barlow_BV57
Barlow_BV57	0.03	86.10	2.00	0.2000	SousPanneaux	Barlow_BV58
Barlow_BV57_Pann	0.03	86.10	100.00	70.0000	Pluviol	Barlow_BV58
Barlow_BV58	0.04	88.60	2.00	0.2000	Pluviol	Barlow_BV59
Barlow_BV59	0.03	88.28	2.00	0.2000	SousPanneaux	Barlow_BV60
Barlow_BV59_Pann	0.03	88.28	100.00	70.0000	Pluviol	Barlow_BV60
Barlow_BV6	0.05	140.87	2.00	0.2000	SousPanneaux	Barlow_BV175_68
Barlow_BV6_Pann	0.05	140.87	100.00	70.0000	Pluviol	Barlow_BV175_68
Barlow_BV60	0.04	90.32	2.00	0.2000	Pluviol	Barlow_BV61
Barlow_BV61	0.03	85.01	2.00	0.2000	SousPanneaux	Barlow_BV62
Barlow_BV61_Pann	0.03	85.01	100.00	70.0000	Pluviol	Barlow_BV62
Barlow_BV62	0.04	88.82	2.00	0.2000	Pluviol	Barlow_BV63
Barlow_BV63	0.03	92.64	2.00	0.2000	SousPanneaux	Barlow_BV64
Barlow_BV63_Pann	0.03	92.64	100.00	70.0000	Pluviol	Barlow_BV64
Barlow_BV64	0.04	94.19	2.00	0.2000	Pluviol	Barlow_BV65
Barlow_BV65	0.04	108.45	2.00	0.2000	SousPanneaux	Barlow_BV66
Barlow_BV65_Pann	0.04	108.45	100.00	70.0000	Pluviol	Barlow_BV66
Barlow_BV66	0.05	107.31	2.00	0.2000	Pluviol	Barlow_BV67
Barlow_BV67	0.04	104.63	2.00	0.2000	SousPanneaux	Barlow_BV68
Barlow_BV67_Pann	0.04	104.63	100.00	70.0000	Pluviol	Barlow_BV68
Barlow_BV68	0.05	104.52	2.00	0.2000	Pluviol	Barlow_BV69
Barlow_BV69	0.04	113.35	2.00	0.2000	SousPanneaux	Barlow_BV70
Barlow_BV69_Pann	0.04	113.35	100.00	70.0000	Pluviol	Barlow_BV70
Barlow_BV7	0.11	12.00	2.00	0.2000	Pluviol	Barlow_BV52
Barlow_BV7_1	0.05	123.71	2.00	0.2000	SousPanneaux	Barlow_BV175_34
Barlow_BV7_1_Pann	0.05	123.71	100.00	70.0000	Pluviol	Barlow_BV175_34
Barlow_BV7_2	0.05	142.23	2.00	0.2000	SousPanneaux	Barlow_BV175_36
Barlow_BV7_2_Pann	0.05	142.23	100.00	70.0000	Pluviol	Barlow_BV175_36
Barlow_BV7_3	0.08	169.25	2.00	0.2000	Pluviol	Barlow_BV10_3

Barlow_BV7_4	0.02	35.91	2.00	0.2000	Pluvio1	Barlow_BV10_4
Barlow_BV70	0.05	103.44	2.00	0.2000	Pluvio1	Barlow_BV71
Barlow_BV71	0.04	108.45	2.00	0.2000	SousPanneaux	Barlow_BV72
Barlow_BV71_Pann	0.04	108.45	100.00	70.0000	Pluvio1	Barlow_BV72
Barlow_BV72	0.05	110.97	2.00	0.2000	Pluvio1	Barlow_BV73
Barlow_BV73	0.05	126.43	2.00	0.2000	SousPanneaux	Barlow_BV74
Barlow_BV73_Pann	0.05	126.43	100.00	70.0000	Pluvio1	Barlow_BV74
Barlow_BV74	0.06	126.67	2.00	0.2000	Pluvio1	Barlow_BV75
Barlow_BV75	0.04	120.71	2.00	0.2000	SousPanneaux	Barlow_BV76
Barlow_BV75_Pann	0.04	120.71	100.00	70.0000	Pluvio1	Barlow_BV76
Barlow_BV76	0.06	124.73	2.00	0.2000	Pluvio1	Barlow_BV77
Barlow_BV77	0.04	120.98	2.00	0.2000	SousPanneaux	Barlow_BV78
Barlow_BV77_Pann	0.04	120.98	100.00	70.0000	Pluvio1	Barlow_BV78
Barlow_BV78	0.06	135.70	2.00	0.2000	Pluvio1	Barlow_BV79
Barlow_BV79	0.05	141.14	2.00	0.2000	SousPanneaux	Barlow_BV80
Barlow_BV79_Pann	0.05	141.14	100.00	70.0000	Pluvio1	Barlow_BV80
Barlow_BV8	0.04	122.62	2.00	0.2000	SousPanneaux	Barlow_BV175_70
Barlow_BV8_Pann	0.04	122.62	100.00	70.0000	Pluvio1	Barlow_BV175_70
Barlow_BV80	0.06	135.27	2.00	0.2000	Pluvio1	Barlow_BV81
Barlow_BV81	0.06	150.41	2.00	0.2000	SousPanneaux	Barlow_BV82
Barlow_BV81_Pann	0.06	150.41	100.00	70.0000	Pluvio1	Barlow_BV82
Barlow_BV82	0.06	130.97	2.00	0.2000	Pluvio1	Barlow_BV83
Barlow_BV83	0.04	118.26	2.00	0.2000	SousPanneaux	Barlow_BV84
Barlow_BV83_Pann	0.04	118.26	100.00	70.0000	Pluvio1	Barlow_BV84
Barlow_BV84	0.06	133.76	2.00	0.2000	Pluvio1	Barlow_BV85
Barlow_BV85	0.06	150.68	2.00	0.2000	SousPanneaux	Barlow_BV86
Barlow_BV85_Pann	0.06	150.68	100.00	70.0000	Pluvio1	Barlow_BV86
Barlow_BV86	0.07	146.24	2.00	0.2000	Pluvio1	Barlow_BV87
Barlow_BV87	0.06	162.40	2.00	0.2000	SousPanneaux	Barlow_BV88
Barlow_BV87_Pann	0.06	162.40	100.00	70.0000	Pluvio1	Barlow_BV88
Barlow_BV88	0.07	157.63	2.00	0.2000	Pluvio1	Barlow_BV89
Barlow_BV89	0.06	172.75	2.00	0.2000	SousPanneaux	Barlow_BV90
Barlow_BV89_Pann	0.06	172.75	100.00	70.0000	Pluvio1	Barlow_BV90
Barlow_BV9	0.05	126.70	2.00	0.2000	SousPanneaux	Barlow_BV175_69
Barlow_BV9_Pann	0.05	126.70	100.00	70.0000	Pluvio1	Barlow_BV175_69
Barlow_BV90	0.07	144.52	2.00	0.2000	Pluvio1	Barlow_BV91
Barlow_BV91	0.06	162.67	2.00	0.2000	SousPanneaux	Barlow_BV92
Barlow_BV91_Pann	0.06	162.67	100.00	70.0000	Pluvio1	Barlow_BV92
Barlow_BV92	0.07	157.42	2.00	0.2000	Pluvio1	Barlow_BV93
Barlow_BV93	0.06	172.21	2.00	0.2000	SousPanneaux	Barlow_BV94
Barlow_BV93_Pann	0.06	172.21	100.00	70.0000	Pluvio1	Barlow_BV94
Barlow_BV94	0.08	163.87	2.00	0.2000	Pluvio1	Barlow_BV95
Barlow_BV95	0.07	188.01	2.00	0.2000	SousPanneaux	Barlow_BV96
Barlow_BV95_Pann	0.07	188.01	100.00	70.0000	Pluvio1	Barlow_BV96
Barlow_BV96	0.08	172.26	2.00	0.2000	Pluvio1	Barlow_BV97

Barlow_BV97	0.06	169.21	2.00	0.2000	SousPanneaux	Barlow_BV98
Barlow_BV97_Pann	0.06	169.21	100.00	70.0000	Pluvio1	Barlow_BV98
Barlow_BV98	0.08	178.07	2.00	0.2000	Pluvio1	Barlow_BV99
Barlow_BV99	0.07	180.38	2.00	0.2000	SousPanneaux	Barlow_BV100
Barlow_BV99_Pann	0.07	180.38	100.00	70.0000	Pluvio1	Barlow_BV100

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_EXU3	JUNCTION	60.45	2.55	1000.0	
Barlow_J1	JUNCTION	62.38	0.28	0.0	
Barlow_J11	JUNCTION	61.80	0.40	1000.0	
Barlow_J13	JUNCTION	61.85	0.50	1000.0	
Barlow_J14	JUNCTION	62.00	0.50	1000.0	
Barlow_J15	JUNCTION	61.59	1.91	1000.0	
Barlow_J17	JUNCTION	60.49	2.51	1000.0	
Barlow_J18	JUNCTION	61.88	0.50	1000.0	
Barlow_J19	JUNCTION	62.15	0.25	0.0	
Barlow_J2	JUNCTION	62.42	0.25	1000.0	
Barlow_J20	JUNCTION	62.25	0.25	1000.0	
Barlow_J21	JUNCTION	61.50	2.00	1000.0	
Barlow_J22	JUNCTION	62.34	0.25	1000.0	
Barlow_J23	JUNCTION	62.44	0.25	1000.0	
Barlow_J24	JUNCTION	61.70	0.63	1000.0	
Barlow_J25	JUNCTION	62.30	0.30	0.0	
Barlow_J26	JUNCTION	62.40	0.28	1000.0	
Barlow_J27	JUNCTION	61.85	1.15	1000.0	
Barlow_J28	JUNCTION	61.75	1.00	1000.0	
Barlow_J3	JUNCTION	62.49	0.25	1000.0	
Barlow_J30	JUNCTION	61.86	0.50	0.0	
Barlow_J31	JUNCTION	62.19	0.50	0.0	
Barlow_J32	JUNCTION	61.97	0.25	0.0	
Barlow_J50	JUNCTION	61.97	0.50	1000.0	
Barlow_J6	JUNCTION	62.25	0.29	1000.0	
Barlow_J7	JUNCTION	61.77	1.50	1000.0	
Barlow_Pond1	JUNCTION	61.60	0.50	0.0	
Barlow_Pond2	JUNCTION	61.55	0.45	0.0	
Barlow_EXU1	OUTFALL	60.42	2.00	0.0	

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C1	Barlow_J1	Barlow_J22	CONDUIT	12.5	0.2881	0.0120
Barlow_C10	Barlow_J32	Barlow_Pond1	CONDUIT	138.5	0.2672	0.0350
Barlow_C11	Barlow_J19	Barlow_J14	CONDUIT	111.6	0.1353	0.0350
Barlow_C11_2	Barlow_J31	Barlow_J18	CONDUIT	220.7	0.1368	0.0350
Barlow_C13	Barlow_J20	Barlow_J14	CONDUIT	192.3	0.1306	0.0350
Barlow_C14	Barlow_J17	Barlow_EXU3	CONDUIT	15.5	0.2582	0.0260
Barlow_C14_1	Barlow_J50	Barlow_J13	CONDUIT	135.7	0.0914	0.0350
Barlow_C14_2	Barlow_J13	Barlow_J11	CONDUIT	52.9	0.0870	0.0350
Barlow_C15	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3311	0.0120
Barlow_C16	Barlow_J23	Barlow_J26	CONDUIT	198.3	0.0181	0.0350
Barlow_C16_1	Barlow_J26	Barlow_J1	CONDUIT	31.0	0.0743	0.0350
Barlow_C16_3	Barlow_J1	Barlow_J22	CONDUIT	12.2	0.2943	0.0120
Barlow_C18	Barlow_Pond1	Barlow_J15	CONDUIT	63.2	0.0158	0.0350
Barlow_C18_2	Barlow_J30	Barlow_Pond1	CONDUIT	88.3	0.2956	0.0350
Barlow_C18_4	Barlow_J18	Barlow_J30	CONDUIT	318.9	0.0072	0.0350
Barlow_C19	Barlow_J17	Barlow_EXU3	CONDUIT	17.2	0.9283	0.0260
Barlow_C19_1	Barlow_J7	Barlow_J15	CONDUIT	127.1	0.1385	0.0350
Barlow_C19_2	Barlow_J15	Barlow_J21	CONDUIT	10.0	0.9000	0.0130
Barlow_C2	Barlow_J3	Barlow_J2	CONDUIT	131.0	0.0549	0.0350
Barlow_C20	Barlow_J27	Barlow_J7	CONDUIT	212.2	0.0396	0.0350
Barlow_C20_1	Barlow_J11	Barlow_J24	CONDUIT	91.1	0.1098	0.0350
Barlow_C20_2	Barlow_J24	Barlow_Pond2	CONDUIT	115.7	0.1297	0.0350
Barlow_C21	Barlow_J22	Barlow_J6	CONDUIT	209.1	0.0435	0.0350
Barlow_C23	Barlow_J28	Barlow_J17	CONDUIT	121.7	0.4274	0.0350
Barlow_C24	Barlow_J2	Barlow_J31	CONDUIT	35.9	0.6464	0.0350
Barlow_C25	Barlow_Pond2	Barlow_J21	CONDUIT	87.9	0.0569	0.0350
Barlow_C26	Barlow_J25	Barlow_J30	CONDUIT	241.6	0.1817	0.0350
Barlow_C27	Barlow_J6	Barlow_J19	CONDUIT	38.9	0.2574	0.0350
Barlow_C28	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3282	0.0120
Barlow_C3	Barlow_J21	Barlow_J17	CONDUIT	102.5	0.2634	0.0350
Barlow_C5	Barlow_EXU3	Barlow_EXU1	CONDUIT	8.7	0.3460	0.0350
Barlow_S4	Barlow_J15	Barlow_J21	WEIR			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C1	CIRCULAR	0.25	0.05	0.06	0.25	1	34.58

Barlow_C10	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	153.84
Barlow_C11	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	109.47
Barlow_C11_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.10
Barlow_C13	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	107.54
Barlow_C14	FILLED_CIRCULAR	0.66	0.71	0.21	1.40	1	491.72
Barlow_C14_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	129.06
Barlow_C14_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	125.88
Barlow_C15	CIRCULAR	0.25	0.05	0.06	0.25	1	37.07
Barlow_C16	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	40.10
Barlow_C16_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	81.11
Barlow_C16_3	CIRCULAR	0.25	0.05	0.06	0.25	1	34.95
Barlow_C18	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	37.43
Barlow_C18_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	161.81
Barlow_C18_4	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	25.28
Barlow_C19	FILLED_CIRCULAR	0.78	0.88	0.24	1.40	1	1250.65
Barlow_C19_1	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	5398.72
Barlow_C19_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1717.55
Barlow_C2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	69.76
Barlow_C20	TRAPEZOIDAL	1.15	3.79	0.62	5.60	1	1564.94
Barlow_C20_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	141.46
Barlow_C20_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	153.70
Barlow_C21	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	62.09
Barlow_C23	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	3753.95
Barlow_C24	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	239.28
Barlow_C25	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	101.80
Barlow_C26	TRIANGULAR	0.25	0.63	0.12	5.00	1	189.67
Barlow_C27	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	151.00
Barlow_C28	CIRCULAR	0.25	0.05	0.06	0.25	1	36.91
Barlow_C3	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	7445.09
Barlow_C5	TRAPEZOIDAL	2.00	12.00	1.10	10.00	1	21445.18

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

RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 02/06/2018 00:00:00
 Ending Date 02/08/2018 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 2
 Head Tolerance 0.001500 m

	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm

Total Precipitation	1.135	22.479
Evaporation Loss	0.000	0.000
Infiltration Loss	0.924	18.303
Surface Runoff	0.105	2.085
Final Storage	0.117	2.326
Continuity Error (%)	-1.046	

	Volume	Volume
Flow Routing Continuity	hectare-m	10^6 ltr

Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.105	1.053
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.105	1.046
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000

Final Stored Volume 0.000 0.002
 Continuity Error (%) 0.431

 Highest Continuity Errors

 Node Barlow_J31 (-2.04%)
 Node Barlow_J18 (1.50%)
 Node Barlow_J30 (1.07%)

 Time-Step Critical Elements

 None

 Highest Flow Instability Indexes

 All links are stable.

 Routing Time Step Summary

 Minimum Time Step : 0.50 sec
 Average Time Step : 1.00 sec
 Maximum Time Step : 1.00 sec
 Percent in Steady State : 0.00
 Average Iterations per Step : 2.00
 Percent Not Converging : 0.00

 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
Barlow_BV1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000

Barlow_BV1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.53	0.990
Barlow_BV10	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV10_1	0.00	176.64	0.00	0.00	169.02	0.07	8.42	0.957
Barlow_BV10_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.77	0.990
Barlow_BV10_2	0.00	166.10	0.00	0.00	158.86	0.06	8.09	0.956
Barlow_BV10_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.69	0.990
Barlow_BV10_3	0.00	153.30	0.00	0.00	145.72	0.09	9.51	0.951
Barlow_BV10_3_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.45	0.990
Barlow_BV10_4	0.00	97.35	0.00	0.00	89.82	0.01	2.00	0.923
Barlow_BV10_4_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.45	0.990
Barlow_BV10_5	28.15	5.16	0.00	29.57	2.57	0.00	0.76	0.077
Barlow_BV10_6	28.14	4.85	0.00	29.57	2.30	0.00	0.56	0.070
Barlow_BV10_7	28.14	13.10	0.00	33.65	6.37	0.02	2.84	0.154
Barlow_BV10_8	28.14	107.96	0.00	35.40	99.69	0.09	8.79	0.732
Barlow_BV10_9	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV100	28.15	160.73	0.00	38.17	150.04	0.13	11.87	0.794
Barlow_BV101	0.00	166.25	0.00	0.00	158.61	0.12	10.43	0.954
Barlow_BV101_Pann	28.14	0.00	0.00	0.00	27.87	0.02	14.79	0.990
Barlow_BV102	28.15	160.65	0.00	38.32	149.92	0.13	14.02	0.794
Barlow_BV103	0.00	173.78	0.00	0.00	166.19	0.13	11.16	0.956
Barlow_BV103_Pann	28.15	0.00	0.00	0.00	27.87	0.02	14.80	0.990
Barlow_BV104	28.14	170.31	0.00	38.32	159.47	0.14	14.11	0.804
Barlow_BV105	0.00	189.18	0.00	0.00	181.68	0.13	11.45	0.960
Barlow_BV105_Pann	28.14	0.00	0.00	0.00	27.87	0.02	14.22	0.990
Barlow_BV106	28.15	172.07	0.00	38.46	161.17	0.14	13.28	0.805
Barlow_BV107	0.00	193.62	0.00	0.00	185.98	0.14	11.55	0.961
Barlow_BV107_Pann	28.14	0.00	0.00	0.00	27.87	0.02	14.42	0.990
Barlow_BV108	28.14	170.16	0.00	38.46	159.18	0.15	13.32	0.803
Barlow_BV109	0.00	207.33	0.00	0.00	199.73	0.14	11.90	0.963
Barlow_BV109_Pann	28.15	0.00	0.00	0.00	27.87	0.02	13.91	0.990
Barlow_BV11	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV11_1	28.15	143.16	0.00	35.11	135.63	0.10	10.72	0.792
Barlow_BV11_2	28.14	95.06	0.00	31.90	90.64	0.01	2.28	0.736
Barlow_BV11_3	28.14	0.00	0.00	0.93	25.91	0.01	5.20	0.921
Barlow_BV110	28.14	184.04	0.00	38.61	172.91	0.15	12.93	0.815
Barlow_BV111	0.00	224.20	0.00	0.00	216.63	0.15	11.89	0.966
Barlow_BV111_Pann	28.14	0.00	0.00	0.00	27.87	0.02	13.27	0.990
Barlow_BV112	28.15	204.80	0.00	38.90	193.45	0.16	12.47	0.830
Barlow_BV113	0.00	273.53	0.00	0.00	266.24	0.15	11.84	0.973
Barlow_BV113_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.20	0.990
Barlow_BV114	28.15	230.40	0.00	39.05	218.81	0.16	12.34	0.846
Barlow_BV115	0.00	306.50	0.00	0.00	298.98	0.16	12.33	0.975
Barlow_BV115_Pann	28.15	0.00	0.00	0.00	27.87	0.01	10.21	0.990
Barlow_BV116	28.14	248.57	0.00	39.34	236.73	0.16	12.82	0.855
Barlow_BV117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000

Barlow_BV117_Pann	28.15	0.00	0.00	0.00	27.87	0.01	10.19	0.990
Barlow_BV118	28.15	22.49	0.00	29.13	20.84	0.01	9.46	0.412
Barlow_BV119	0.00	28.37	0.00	0.00	20.88	0.01	3.63	0.736
Barlow_BV119_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.27	0.990
Barlow_BV12	28.15	0.00	0.00	0.93	25.93	0.01	9.07	0.921
Barlow_BV12_1	28.15	0.00	0.00	0.93	25.90	0.01	7.68	0.920
Barlow_BV12_10	28.15	0.00	0.00	0.93	25.91	0.00	0.44	0.921
Barlow_BV12_11	28.14	0.00	0.00	0.93	25.91	0.01	4.89	0.921
Barlow_BV12_12	28.15	0.00	0.00	0.93	25.91	0.01	5.03	0.921
Barlow_BV12_18	28.15	0.00	0.00	7.35	19.95	0.02	10.14	0.709
Barlow_BV12_2	28.14	0.00	0.00	0.93	25.90	0.01	7.71	0.920
Barlow_BV12_3	28.15	0.00	0.00	0.93	25.90	0.01	9.12	0.920
Barlow_BV12_4	28.15	0.00	0.00	0.93	25.90	0.02	11.27	0.920
Barlow_BV12_5	28.15	0.00	0.00	0.93	25.91	0.01	9.05	0.921
Barlow_BV12_6	28.14	0.00	0.00	0.93	25.91	0.01	8.53	0.921
Barlow_BV12_8	28.15	0.00	0.00	0.93	25.89	0.00	0.42	0.920
Barlow_BV12_9	28.14	0.00	0.00	0.93	25.91	0.01	10.25	0.921
Barlow_BV120	28.15	42.34	0.00	30.30	39.60	0.02	8.81	0.562
Barlow_BV121	0.00	53.32	0.00	0.00	46.05	0.02	4.78	0.864
Barlow_BV121_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.93	0.990
Barlow_BV122_Pann	28.14	62.16	0.00	30.88	58.77	0.03	7.46	0.651
Barlow_BV123	0.00	85.68	0.00	0.00	78.49	0.03	5.49	0.916
Barlow_BV123_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.47	0.990
Barlow_BV124	28.15	89.62	0.00	31.46	85.60	0.03	6.09	0.727
Barlow_BV125	0.00	125.85	0.00	0.00	118.69	0.03	6.06	0.943
Barlow_BV125_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.22	0.990
Barlow_BV126	28.15	110.64	0.00	32.05	106.07	0.04	6.46	0.764
Barlow_BV127	0.00	145.39	0.00	0.00	137.78	0.04	6.42	0.948
Barlow_BV127_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.05	0.990
Barlow_BV128	28.15	132.01	0.00	32.63	126.91	0.04	6.77	0.792
Barlow_BV129	0.00	207.27	0.00	0.00	200.16	0.04	6.76	0.966
Barlow_BV129_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.88	0.990
Barlow_BV13_1	28.15	28.40	0.00	31.17	24.22	0.04	9.15	0.428
Barlow_BV13_18	28.15	187.14	0.00	33.94	180.70	0.11	20.22	0.839
Barlow_BV13_2	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV130	28.15	191.47	0.00	33.36	185.72	0.04	7.00	0.846
Barlow_BV131	0.00	330.95	0.00	0.00	324.22	0.04	6.99	0.980
Barlow_BV131_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.59	0.990
Barlow_BV132_1	0.00	9.46	0.00	0.00	1.62	0.00	0.26	0.171
Barlow_BV132_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.27	0.990
Barlow_BV132_2	0.00	8.47	0.00	0.00	0.61	0.00	0.06	0.071
Barlow_BV132_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.71	0.990
Barlow_BV133_1	28.14	24.99	0.00	30.30	22.28	0.01	6.86	0.419
Barlow_BV133_2	28.15	21.17	0.00	29.57	19.08	0.01	5.13	0.387
Barlow_BV134_1	0.00	27.54	0.00	0.00	20.01	0.01	2.55	0.727

Barlow_BV134_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.93	0.990
Barlow_BV134_2	0.00	24.01	0.00	0.00	16.37	0.01	1.68	0.682
Barlow_BV134_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.10	0.990
Barlow_BV135_1	28.15	49.41	0.00	30.59	46.27	0.02	6.85	0.597
Barlow_BV135_2	28.15	35.05	0.00	30.15	32.43	0.01	5.63	0.513
Barlow_BV136_1	0.00	53.92	0.00	0.00	46.88	0.01	3.39	0.869
Barlow_BV136_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.77	0.990
Barlow_BV136_2	0.00	34.53	0.00	0.00	26.88	0.01	2.37	0.778
Barlow_BV136_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.23	0.990
Barlow_BV137_1	28.15	64.88	0.00	31.03	61.37	0.02	5.48	0.660
Barlow_BV137_2	28.15	42.58	0.00	30.59	39.44	0.02	6.62	0.558
Barlow_BV138_1	0.00	72.16	0.00	0.00	64.63	0.02	3.98	0.896
Barlow_BV138_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.65	0.990
Barlow_BV138_2	0.00	46.34	0.00	0.00	38.68	0.02	3.07	0.835
Barlow_BV138_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.91	0.990
Barlow_BV139_1	28.14	87.38	0.00	31.61	83.26	0.03	5.48	0.721
Barlow_BV139_2	28.14	57.37	0.00	31.17	53.69	0.03	7.50	0.628
Barlow_BV14_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV14_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	10.29	0.990
Barlow_BV14_2	0.00	121.90	0.00	0.00	114.41	0.01	2.19	0.939
Barlow_BV14_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.26	0.990
Barlow_BV14_3	28.14	2.50	0.00	28.07	1.38	0.06	9.30	0.045
Barlow_BV14_5	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV14_6	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV14_7	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV140_1	0.00	101.04	0.00	0.00	93.84	0.02	4.49	0.929
Barlow_BV140_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.93	0.990
Barlow_BV140_2	0.00	62.75	0.00	0.00	55.17	0.02	3.72	0.879
Barlow_BV140_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.85	0.990
Barlow_BV141_1	28.14	98.37	0.00	32.05	93.85	0.03	4.90	0.742
Barlow_BV141_2	28.14	64.35	0.00	31.61	60.26	0.03	7.18	0.651
Barlow_BV142_1	0.00	124.47	0.00	0.00	116.96	0.03	4.88	0.940
Barlow_BV142_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.60	0.990
Barlow_BV142_2	0.00	72.53	0.00	0.00	64.87	0.03	4.31	0.894
Barlow_BV142_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.42	0.990
Barlow_BV143_1	28.14	125.20	0.00	32.63	120.12	0.03	5.21	0.783
Barlow_BV143_2	28.15	77.34	0.00	32.05	72.78	0.04	7.90	0.690
Barlow_BV144_1	0.00	150.42	0.00	0.00	143.01	0.03	5.19	0.951
Barlow_BV144_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.25	0.990
Barlow_BV144_2	0.00	86.27	0.00	0.00	78.65	0.03	4.90	0.912
Barlow_BV144_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.51	0.990
Barlow_BV145_1	28.15	137.46	0.00	33.07	131.92	0.04	5.46	0.797
Barlow_BV145_2	28.14	79.03	0.00	32.49	74.09	0.04	7.65	0.691
Barlow_BV146_1	0.00	187.17	0.00	0.00	179.78	0.03	5.45	0.960
Barlow_BV146_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.72	0.990

Barlow_BV146_2	0.00	102.92	0.00	0.00	95.27	0.04	5.48	0.926
Barlow_BV146_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.26	0.990
Barlow_BV147_1	28.15	164.56	0.00	33.65	158.52	0.04	5.68	0.823
Barlow_BV147_2	28.15	88.19	0.00	32.78	82.86	0.05	7.30	0.712
Barlow_BV148_1	0.00	227.40	0.00	0.00	219.98	0.04	5.66	0.967
Barlow_BV148_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	3.27	0.990
Barlow_BV148_2	0.00	113.28	0.00	0.00	105.66	0.05	6.04	0.933
Barlow_BV148_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.43	0.990
Barlow_BV149_1	28.15	175.69	0.00	34.09	169.17	0.04	5.73	0.830
Barlow_BV149_2	28.15	92.80	0.00	33.21	87.08	0.05	7.35	0.720
Barlow_BV15_1	28.15	23.06	0.00	29.13	21.41	0.01	9.63	0.418
Barlow_BV15_2	28.15	114.61	0.00	32.49	109.67	0.02	2.35	0.768
Barlow_BV15_3	28.15	13.33	0.00	32.92	7.35	0.02	4.89	0.177
Barlow_BV150_1	0.00	249.03	0.00	0.00	241.41	0.04	5.70	0.969
Barlow_BV150_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.14	0.990
Barlow_BV150_2	0.00	109.60	0.00	0.00	101.96	0.05	6.60	0.930
Barlow_BV150_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.64	0.990
Barlow_BV151_1	28.14	222.33	0.00	34.53	215.29	0.04	5.60	0.860
Barlow_BV151_2	28.15	105.18	0.00	33.65	99.07	0.06	8.97	0.743
Barlow_BV152_1	0.00	272.61	0.00	0.00	265.09	0.04	5.59	0.972
Barlow_BV152_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.00	0.990
Barlow_BV152_2	0.00	111.69	0.00	0.00	104.00	0.06	7.12	0.931
Barlow_BV152_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.56	0.990
Barlow_BV153_1	28.14	268.54	0.00	35.11	260.89	0.04	5.49	0.879
Barlow_BV153_2	28.15	114.73	0.00	34.09	108.19	0.07	10.04	0.757
Barlow_BV154_1	0.00	334.57	0.00	0.00	327.41	0.04	5.48	0.979
Barlow_BV154_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.55	0.990
Barlow_BV154_2	0.00	125.51	0.00	0.00	117.95	0.06	7.46	0.940
Barlow_BV154_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	10.46	0.990
Barlow_BV155_1	28.15	308.22	0.00	35.69	300.07	0.05	5.38	0.892
Barlow_BV155_2	28.14	120.10	0.00	34.38	113.20	0.07	9.78	0.764
Barlow_BV156_1	0.00	387.27	0.00	0.00	379.95	0.04	5.38	0.981
Barlow_BV156_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.28	0.990
Barlow_BV156_2	0.00	130.86	0.00	0.00	123.19	0.07	7.70	0.941
Barlow_BV156_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.99	0.990
Barlow_BV157_1	28.15	369.88	0.00	36.28	361.15	0.05	5.31	0.907
Barlow_BV157_2	28.15	126.22	0.00	34.82	118.96	0.08	10.32	0.771
Barlow_BV158_1	0.00	500.95	0.00	0.00	493.94	0.05	5.31	0.986
Barlow_BV158_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.81	0.990
Barlow_BV158_2	0.00	144.94	0.00	0.00	137.35	0.08	7.82	0.948
Barlow_BV158_2_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.79	0.990
Barlow_BV159_1	28.15	510.82	0.00	36.86	501.43	0.05	5.25	0.930
Barlow_BV159_2	28.15	134.60	0.00	35.11	126.98	0.09	10.06	0.780
Barlow_BV16_1	0.00	28.28	0.00	0.00	20.80	0.01	3.68	0.736
Barlow_BV16_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.41	0.990

Barlow_BV16_2	0.00	143.57	0.00	0.00	136.02	0.01	2.35	0.947
Barlow_BV16_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.14	0.990
Barlow_BV16_3	28.15	0.00	0.00	0.93	25.92	0.01	6.00	0.921
Barlow_BV16_4	28.14	0.00	0.00	0.93	25.91	0.01	6.10	0.921
Barlow_BV16_5	28.14	0.00	0.00	0.93	25.89	0.02	11.88	0.920
Barlow_BV16_7	28.15	0.00	0.00	0.93	25.91	0.02	11.66	0.920
Barlow_BV16_8	28.14	0.00	0.00	0.93	25.89	0.00	0.38	0.920
Barlow_BV16_9	28.14	0.00	0.00	0.93	25.89	0.00	0.38	0.920
Barlow_BV160_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV160_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.09	0.990
Barlow_BV160_2	0.00	159.60	0.00	0.00	152.00	0.08	7.77	0.952
Barlow_BV160_2_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.54	0.990
Barlow_BV161_1	28.14	25.58	0.00	29.28	23.87	0.00	1.05	0.444
Barlow_BV161_2	28.14	151.81	0.00	35.55	143.77	0.09	9.93	0.799
Barlow_BV162_1	0.00	34.67	0.00	0.00	27.73	0.00	0.51	0.800
Barlow_BV162_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	0.82	0.990
Barlow_BV162_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV162_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.39	0.990
Barlow_BV163_1	28.15	49.69	0.00	30.30	46.87	0.00	0.78	0.602
Barlow_BV163_2	28.15	23.00	0.00	29.13	21.35	0.01	8.79	0.417
Barlow_BV164_1	0.00	78.67	0.00	0.00	71.92	0.00	0.59	0.914
Barlow_BV164_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	0.55	0.990
Barlow_BV164_2	0.00	31.48	0.00	0.00	24.23	0.01	3.86	0.770
Barlow_BV164_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.71	0.990
Barlow_BV165_1	28.15	96.35	0.00	31.17	92.69	0.00	0.64	0.745
Barlow_BV165_2	28.15	38.28	0.00	30.15	35.60	0.02	6.90	0.536
Barlow_BV166_1	0.00	168.01	0.00	0.00	161.31	0.00	0.64	0.960
Barlow_BV166_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	0.31	0.990
Barlow_BV166_2	0.00	55.62	0.00	0.00	48.09	0.02	4.67	0.865
Barlow_BV166_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.72	0.990
Barlow_BV167_1	28.15	252.24	0.00	32.19	247.69	0.00	0.66	0.883
Barlow_BV167_2	28.15	56.11	0.00	30.88	52.81	0.02	6.03	0.627
Barlow_BV168	0.00	78.79	0.00	0.00	71.21	0.02	5.16	0.904
Barlow_BV168_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.10	0.990
Barlow_BV169	28.14	80.14	0.00	31.46	76.21	0.03	5.68	0.704
Barlow_BV17_1	28.15	41.61	0.00	30.30	38.88	0.02	8.90	0.557
Barlow_BV17_2	28.15	139.75	0.00	33.07	134.25	0.02	2.48	0.800
Barlow_BV17_3	28.15	0.00	0.00	0.93	25.91	0.01	10.08	0.921
Barlow_BV17_4	28.15	0.00	0.00	0.93	25.91	0.01	3.85	0.921
Barlow_BV17_5	28.14	0.00	0.00	0.93	25.91	0.01	9.49	0.921
Barlow_BV170	0.00	122.89	0.00	0.00	115.80	0.03	5.62	0.942
Barlow_BV170_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.68	0.990
Barlow_BV171	28.15	111.22	0.00	32.05	106.69	0.03	5.91	0.765
Barlow_BV172	0.00	182.72	0.00	0.00	175.61	0.03	5.90	0.961
Barlow_BV172_Pann	28.14	0.00	0.00	0.00	27.87	0.01	3.53	0.990

Barlow_BV173	28.14	176.22	0.00	32.78	170.97	0.04	6.12	0.837
Barlow_BV174	0.00	285.87	0.00	0.00	279.09	0.03	6.10	0.976
Barlow_BV174_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.43	0.990
Barlow_BV175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV175_10	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_126	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_14	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_190	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_2	28.14	41.53	0.00	31.03	37.96	0.02	9.51	0.545
Barlow_BV175_31	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_34	28.15	100.09	0.00	32.92	94.74	0.05	8.19	0.739
Barlow_BV175_36	28.14	80.71	0.00	32.34	75.83	0.05	9.54	0.697
Barlow_BV175_62	28.15	151.45	0.00	34.23	144.72	0.07	8.47	0.806
Barlow_BV175_63	28.15	32.22	0.00	30.74	28.99	0.02	6.58	0.480
Barlow_BV175_64	28.14	29.32	0.00	30.30	26.39	0.01	4.45	0.459
Barlow_BV175_65	28.14	25.02	0.00	30.01	22.54	0.01	3.27	0.424
Barlow_BV175_66	28.15	17.85	0.00	29.13	16.12	0.00	2.10	0.351
Barlow_BV175_67	28.15	52.14	0.00	31.46	48.16	0.03	8.90	0.600
Barlow_BV175_68	28.14	65.57	0.00	31.90	61.16	0.04	9.28	0.653
Barlow_BV175_69	28.15	129.37	0.00	33.80	123.09	0.07	8.62	0.781
Barlow_BV175_70	28.15	108.29	0.00	33.36	102.51	0.06	8.02	0.751
Barlow_BV175_78	28.15	24.60	0.00	29.28	22.92	0.01	4.76	0.434
Barlow_BV175_79	28.15	52.00	0.00	30.30	49.11	0.01	3.62	0.613
Barlow_BV175_80	28.14	104.00	0.00	31.17	100.29	0.01	2.88	0.759
Barlow_BV175_82	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV175_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.53	0.990
Barlow_BV176	28.15	17.76	0.00	29.13	16.03	0.00	2.10	0.349
Barlow_BV177	0.00	16.19	0.00	0.00	8.38	0.00	0.41	0.517
Barlow_BV177_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.93	0.990
Barlow_BV178	28.15	194.95	0.00	36.42	185.99	0.06	5.84	0.834
Barlow_BV179	0.00	196.68	0.00	0.00	188.92	0.06	5.83	0.961
Barlow_BV179_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.10	0.990
Barlow_BV18_1	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV18_2	0.00	111.69	0.00	0.00	104.49	0.03	6.22	0.935
Barlow_BV18_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.08	0.990
Barlow_BV18_3	0.00	252.41	0.00	0.00	245.31	0.02	2.67	0.972
Barlow_BV18_3_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.54	0.990
Barlow_BV180_1	28.14	150.45	0.00	37.00	140.92	0.06	5.60	0.789
Barlow_BV181_1	0.00	171.77	0.00	0.00	164.09	0.06	5.58	0.955
Barlow_BV181_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.21	0.990
Barlow_BV181_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV181_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.45	0.990
Barlow_BV182_1	28.15	148.28	0.00	37.44	138.38	0.07	6.59	0.784
Barlow_BV182_2	28.14	10.34	0.00	29.13	8.35	0.00	0.17	0.217
Barlow_BV183_1	0.00	170.40	0.00	0.00	162.73	0.06	5.32	0.955

Barlow_BV183_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.58	0.990
Barlow_BV183_2	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV183_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.44	0.990
Barlow_BV184_1	28.15	159.79	0.00	37.88	149.49	0.07	7.13	0.795
Barlow_BV184_2	28.14	16.50	0.00	29.13	14.72	0.00	1.13	0.330
Barlow_BV185_1	0.00	168.76	0.00	0.00	161.09	0.07	5.07	0.955
Barlow_BV185_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.01	0.990
Barlow_BV185_2	0.00	13.94	0.00	0.00	6.11	0.00	0.18	0.438
Barlow_BV185_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.57	0.990
Barlow_BV186_1	28.14	152.58	0.00	38.17	141.97	0.07	7.44	0.786
Barlow_BV186_2	28.15	112.24	0.00	33.80	105.91	0.02	2.83	0.754
Barlow_BV187_1	0.00	172.46	0.00	0.00	164.80	0.07	4.79	0.956
Barlow_BV187_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.16	0.990
Barlow_BV187_2	0.00	112.38	0.00	0.00	104.64	0.02	2.83	0.931
Barlow_BV187_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.51	0.990
Barlow_BV188_1	28.15	158.29	0.00	38.46	147.35	0.08	7.63	0.790
Barlow_BV188_2	28.14	91.38	0.00	34.53	84.35	0.02	3.04	0.706
Barlow_BV189_1	0.00	175.59	0.00	0.00	167.94	0.07	4.65	0.956
Barlow_BV189_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.34	0.990
Barlow_BV189_2	0.00	97.41	0.00	0.00	89.65	0.02	2.67	0.920
Barlow_BV189_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.40	0.990
Barlow_BV19_1	0.00	52.31	0.00	0.00	44.98	0.02	4.88	0.860
Barlow_BV19_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.18	0.990
Barlow_BV19_3	0.00	171.46	0.00	0.00	164.04	0.02	2.48	0.957
Barlow_BV19_3_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.97	0.990
Barlow_BV190_1	28.15	156.06	0.00	38.75	144.84	0.08	7.71	0.786
Barlow_BV190_2	28.14	92.54	0.00	34.96	85.13	0.02	4.05	0.705
Barlow_BV191_1	0.00	183.87	0.00	0.00	176.24	0.07	5.28	0.959
Barlow_BV191_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.24	0.990
Barlow_BV191_2	0.00	112.60	0.00	0.00	104.99	0.02	2.49	0.932
Barlow_BV191_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.23	0.990
Barlow_BV192_1	28.15	149.89	0.00	39.05	138.42	0.08	7.37	0.777
Barlow_BV192_2	28.14	105.60	0.00	35.40	97.77	0.03	3.90	0.731
Barlow_BV193_1	0.00	185.41	0.00	0.00	177.77	0.08	5.86	0.959
Barlow_BV193_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.38	0.990
Barlow_BV193_2	0.00	135.49	0.00	0.00	127.99	0.03	2.31	0.945
Barlow_BV193_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.84	0.990
Barlow_BV194_1	28.15	151.93	0.00	39.19	140.21	0.08	7.51	0.779
Barlow_BV194_2	28.15	120.40	0.00	35.84	112.14	0.03	3.51	0.755
Barlow_BV195_1	0.00	177.01	0.00	0.00	169.39	0.08	6.41	0.957
Barlow_BV195_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.98	0.990
Barlow_BV195_2	0.00	148.94	0.00	0.00	141.31	0.03	2.37	0.949
Barlow_BV195_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.74	0.990
Barlow_BV196_1	28.15	155.18	0.00	39.48	143.20	0.08	8.26	0.781
Barlow_BV196_2	28.15	137.06	0.00	36.28	128.36	0.03	3.48	0.777

Barlow_BV197_1	0.00	179.69	0.00	0.00	172.04	0.08	6.92	0.957
Barlow_BV197_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.10	0.990
Barlow_BV197_2	0.00	175.85	0.00	0.00	168.39	0.03	2.68	0.958
Barlow_BV197_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.37	0.990
Barlow_BV198_1	28.14	150.09	0.00	39.77	137.89	0.09	8.22	0.774
Barlow_BV198_2	28.15	149.57	0.00	36.71	140.45	0.03	3.06	0.790
Barlow_BV199_1	0.00	186.45	0.00	0.00	178.80	0.08	7.27	0.959
Barlow_BV199_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.96	0.990
Barlow_BV199_2	0.00	207.03	0.00	0.00	199.52	0.03	2.94	0.964
Barlow_BV199_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.00	0.990
Barlow_BV2	0.00	16.78	0.00	0.00	8.96	0.00	0.43	0.534
Barlow_BV2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	3.80	0.990
Barlow_BV200_1	28.14	148.31	0.00	39.92	135.90	0.09	7.93	0.770
Barlow_BV200_2	28.15	173.36	0.00	37.15	163.79	0.03	3.14	0.813
Barlow_BV201_1	0.00	181.49	0.00	0.00	173.88	0.08	7.49	0.958
Barlow_BV201_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	9.35	0.990
Barlow_BV201_2	0.00	213.46	0.00	0.00	205.82	0.03	3.13	0.964
Barlow_BV201_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.02	0.990
Barlow_BV202_1	28.14	151.31	0.00	40.07	138.71	0.09	8.44	0.773
Barlow_BV202_2	28.15	191.64	0.00	37.59	181.63	0.03	3.32	0.826
Barlow_BV203_1	0.00	160.25	0.00	0.00	152.62	0.08	7.58	0.952
Barlow_BV203_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.79	0.990
Barlow_BV203_2	0.00	233.53	0.00	0.00	226.00	0.03	3.31	0.968
Barlow_BV203_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.86	0.990
Barlow_BV204_1	28.14	160.24	0.00	40.36	147.38	0.09	10.32	0.782
Barlow_BV204_2	28.14	236.19	0.00	38.03	225.60	0.04	3.46	0.853
Barlow_BV205_1	0.00	169.67	0.00	0.00	162.16	0.09	7.61	0.956
Barlow_BV205_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.56	0.990
Barlow_BV205_2	0.00	264.03	0.00	0.00	256.71	0.03	3.44	0.972
Barlow_BV205_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.63	0.990
Barlow_BV206_1	28.14	160.93	0.00	40.50	147.89	0.09	9.96	0.782
Barlow_BV206_2	28.14	268.66	0.00	38.61	257.54	0.04	3.40	0.868
Barlow_BV207_1	0.00	173.04	0.00	0.00	165.43	0.09	7.73	0.956
Barlow_BV207_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.66	0.990
Barlow_BV207_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV207_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.30	0.990
Barlow_BV208_1	28.15	155.03	0.00	40.65	141.90	0.10	9.87	0.775
Barlow_BV208_2	28.14	24.36	0.00	29.28	22.68	0.00	2.19	0.432
Barlow_BV209_1	0.00	175.31	0.00	0.00	167.66	0.09	8.04	0.956
Barlow_BV209_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.75	0.990
Barlow_BV209_2	0.00	30.31	0.00	0.00	23.05	0.00	0.94	0.760
Barlow_BV209_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.97	0.990
Barlow_BV21_1	28.14	61.69	0.00	30.88	58.31	0.03	7.72	0.649
Barlow_BV21_2	28.15	167.10	0.00	33.51	161.04	0.02	2.60	0.825
Barlow_BV210_1	28.14	145.66	0.00	40.65	132.49	0.10	9.68	0.762

Barlow_BV210_2	28.14	42.16	0.00	30.30	39.44	0.00	1.84	0.561
Barlow_BV211_1	0.00	177.21	0.00	0.00	169.54	0.09	8.24	0.957
Barlow_BV211_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.79	0.990
Barlow_BV211_2	0.00	54.68	0.00	0.00	47.31	0.00	1.15	0.865
Barlow_BV211_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.71	0.990
Barlow_BV212_1	28.14	154.69	0.00	39.19	142.94	0.10	9.92	0.782
Barlow_BV212_2	28.14	66.83	0.00	30.88	63.39	0.01	1.64	0.667
Barlow_BV213_1	0.00	169.28	0.00	0.00	161.61	0.10	8.29	0.955
Barlow_BV213_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.63	0.990
Barlow_BV213_2	0.00	79.44	0.00	0.00	72.11	0.01	1.29	0.908
Barlow_BV213_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.54	0.990
Barlow_BV214_1	28.15	157.11	0.00	36.71	147.92	0.11	10.90	0.798
Barlow_BV214_2	28.15	92.92	0.00	31.61	88.81	0.01	1.49	0.734
Barlow_BV215_1	0.00	179.30	0.00	0.00	171.68	0.10	8.69	0.958
Barlow_BV215_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.57	0.990
Barlow_BV215_2	0.00	125.81	0.00	0.00	118.88	0.01	1.41	0.945
Barlow_BV215_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.17	0.990
Barlow_BV216_1	28.15	160.83	0.00	37.00	151.34	0.11	10.74	0.801
Barlow_BV216_2	28.15	127.61	0.00	32.19	122.93	0.01	1.49	0.789
Barlow_BV217_1	0.00	181.07	0.00	0.00	173.40	0.11	9.39	0.958
Barlow_BV217_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	12.00	0.990
Barlow_BV217_2	0.00	173.11	0.00	0.00	165.98	0.01	1.48	0.959
Barlow_BV217_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.95	0.990
Barlow_BV218	28.15	147.42	0.00	37.15	137.70	0.12	10.72	0.784
Barlow_BV219	0.00	180.66	0.00	0.00	173.03	0.11	9.89	0.958
Barlow_BV219_Pann	28.14	0.00	0.00	0.00	27.87	0.02	12.49	0.990
Barlow_BV22_1	0.00	34.61	0.00	0.00	27.65	0.01	2.31	0.799
Barlow_BV22_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.74	0.990
Barlow_BV220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV220_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.43	0.990
Barlow_BV221	28.14	16.75	0.00	29.13	14.98	0.00	1.93	0.334
Barlow_BV222	0.00	15.42	0.00	0.00	7.60	0.00	0.36	0.493
Barlow_BV222_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.93	0.990
Barlow_BV223	28.14	28.89	0.00	30.01	26.38	0.01	3.67	0.463
Barlow_BV224	0.00	34.43	0.00	0.00	26.88	0.01	1.38	0.781
Barlow_BV224_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.70	0.990
Barlow_BV225	28.14	35.03	0.00	30.44	31.94	0.01	3.07	0.506
Barlow_BV226	0.00	36.77	0.00	0.00	29.05	0.01	1.72	0.790
Barlow_BV226_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.03	0.990
Barlow_BV227	28.15	141.35	0.00	35.40	133.35	0.05	4.73	0.787
Barlow_BV228	0.00	177.35	0.00	0.00	169.64	0.05	4.72	0.956
Barlow_BV228_Pann	28.14	0.00	0.00	0.00	27.87	0.01	5.79	0.990
Barlow_BV229	28.14	124.01	0.00	36.13	115.30	0.05	4.74	0.758
Barlow_BV23_1	0.00	78.05	0.00	0.00	71.29	0.01	2.63	0.913
Barlow_BV23_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.51	0.990

Barlow_BV23_2	0.00	186.91	0.00	0.00	179.98	0.01	2.87	0.963
Barlow_BV23_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.29	0.990
Barlow_BV230	0.00	143.14	0.00	0.00	135.39	0.05	4.48	0.946
Barlow_BV230_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.42	0.990
Barlow_BV231	28.15	121.96	0.00	36.57	112.94	0.06	6.69	0.752
Barlow_BV232	0.00	148.45	0.00	0.00	140.78	0.05	4.22	0.948
Barlow_BV232_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.56	0.990
Barlow_BV233_1	28.15	123.46	0.00	36.86	114.07	0.06	6.75	0.752
Barlow_BV234_1	0.00	148.18	0.00	0.00	140.55	0.06	3.95	0.948
Barlow_BV234_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.95	0.990
Barlow_BV234_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV234_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	0.53	0.990
Barlow_BV235_1	28.15	124.94	0.00	37.15	115.23	0.06	7.14	0.753
Barlow_BV235_2	28.15	10.03	0.00	29.13	8.06	0.00	0.20	0.211
Barlow_BV236_1	0.00	147.39	0.00	0.00	139.75	0.06	4.05	0.948
Barlow_BV236_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.38	0.990
Barlow_BV236_2	0.00	6.87	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV236_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.71	0.990
Barlow_BV237_1	28.14	128.47	0.00	37.59	118.46	0.07	7.63	0.756
Barlow_BV237_2	28.15	16.91	0.00	29.13	15.15	0.00	1.37	0.336
Barlow_BV238_1	0.00	150.36	0.00	0.00	142.68	0.06	4.65	0.949
Barlow_BV238_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.61	0.990
Barlow_BV238_2	0.00	15.69	0.00	0.00	7.88	0.00	0.26	0.502
Barlow_BV238_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.73	0.990
Barlow_BV239_1	28.15	132.71	0.00	37.88	122.40	0.07	7.89	0.761
Barlow_BV239_2	28.14	130.43	0.00	33.21	124.70	0.03	4.95	0.786
Barlow_BV24_1	0.00	77.54	0.00	0.00	70.17	0.03	5.60	0.905
Barlow_BV24_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.27	0.990
Barlow_BV24_2	0.00	192.59	0.00	0.00	185.10	0.02	2.59	0.961
Barlow_BV24_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.89	0.990
Barlow_BV240_1	0.00	163.59	0.00	0.00	155.96	0.07	5.29	0.953
Barlow_BV240_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.28	0.990
Barlow_BV240_2	0.00	142.51	0.00	0.00	134.79	0.03	4.92	0.946
Barlow_BV240_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.82	0.990
Barlow_BV241_1	28.14	142.83	0.00	38.17	132.20	0.07	7.58	0.773
Barlow_BV241_2	28.14	103.85	0.00	33.94	97.38	0.03	4.71	0.738
Barlow_BV242_1	0.00	190.80	0.00	0.00	183.29	0.07	5.84	0.961
Barlow_BV242_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.38	0.990
Barlow_BV242_2	0.00	117.24	0.00	0.00	109.52	0.03	4.68	0.934
Barlow_BV242_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.97	0.990
Barlow_BV243_1	28.15	149.03	0.00	38.46	138.08	0.07	6.48	0.779
Barlow_BV243_2	28.14	100.38	0.00	34.38	93.53	0.03	4.46	0.728
Barlow_BV244_1	0.00	172.84	0.00	0.00	165.22	0.07	6.31	0.956
Barlow_BV244_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.36	0.990
Barlow_BV244_2	0.00	115.75	0.00	0.00	108.15	0.03	4.43	0.934

Barlow_BV244_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.49	0.990
Barlow_BV245_1	28.14	158.69	0.00	38.75	147.44	0.08	7.81	0.789
Barlow_BV245_2	28.15	104.80	0.00	34.82	97.52	0.04	5.01	0.734
Barlow_BV246_1	0.00	223.74	0.00	0.00	216.55	0.07	6.70	0.968
Barlow_BV246_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.70	0.990
Barlow_BV246_2	0.00	135.20	0.00	0.00	127.62	0.03	4.16	0.944
Barlow_BV246_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.14	0.990
Barlow_BV247_1	28.14	165.51	0.00	39.05	153.93	0.08	6.87	0.795
Barlow_BV247_2	28.15	118.98	0.00	35.26	111.26	0.04	4.68	0.756
Barlow_BV248_1	0.00	204.70	0.00	0.00	197.10	0.08	6.84	0.963
Barlow_BV248_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.44	0.990
Barlow_BV248_2	0.00	144.85	0.00	0.00	137.20	0.04	3.91	0.947
Barlow_BV248_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.16	0.990
Barlow_BV249_1	28.14	176.10	0.00	39.34	164.27	0.08	7.05	0.804
Barlow_BV249_2	28.14	134.18	0.00	35.69	126.00	0.04	4.81	0.776
Barlow_BV25_1	28.15	85.04	0.00	31.46	81.04	0.03	6.90	0.716
Barlow_BV25_2	28.15	189.52	0.00	34.09	182.94	0.02	2.68	0.840
Barlow_BV250_1	0.00	188.18	0.00	0.00	180.54	0.08	7.02	0.959
Barlow_BV250_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.30	0.990
Barlow_BV250_2	0.00	152.14	0.00	0.00	144.50	0.04	3.67	0.950
Barlow_BV250_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	5.26	0.990
Barlow_BV251_1	28.14	178.99	0.00	39.63	166.85	0.08	7.86	0.805
Barlow_BV251_2	28.14	151.60	0.00	36.13	142.91	0.04	5.02	0.795
Barlow_BV252_1	0.00	198.45	0.00	0.00	190.90	0.08	7.20	0.962
Barlow_BV252_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.12	0.990
Barlow_BV252_2	0.00	180.55	0.00	0.00	173.21	0.04	3.51	0.959
Barlow_BV252_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.73	0.990
Barlow_BV253_1	28.15	191.25	0.00	39.92	178.79	0.09	7.73	0.815
Barlow_BV253_2	28.14	171.44	0.00	36.71	162.30	0.05	4.47	0.813
Barlow_BV254_1	0.00	238.23	0.00	0.00	230.96	0.08	7.16	0.969
Barlow_BV254_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.97	0.990
Barlow_BV254_2	0.00	207.43	0.00	0.00	200.01	0.04	3.84	0.964
Barlow_BV254_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.34	0.990
Barlow_BV255_1	28.14	210.59	0.00	40.21	197.87	0.09	6.95	0.829
Barlow_BV255_2	28.14	188.91	0.00	37.15	179.33	0.05	4.11	0.826
Barlow_BV256_1	0.00	232.16	0.00	0.00	224.50	0.08	6.94	0.967
Barlow_BV256_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.30	0.990
Barlow_BV256_2	0.00	219.27	0.00	0.00	211.70	0.05	4.10	0.965
Barlow_BV256_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.29	0.990
Barlow_BV257_1	28.15	197.57	0.00	40.50	184.66	0.09	6.85	0.818
Barlow_BV257_2	28.14	193.05	0.00	37.59	183.06	0.05	4.36	0.828
Barlow_BV258_1	0.00	220.58	0.00	0.00	212.91	0.09	6.79	0.965
Barlow_BV258_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.81	0.990
Barlow_BV258_2	0.00	237.98	0.00	0.00	230.43	0.05	4.35	0.968
Barlow_BV258_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.09	0.990

Barlow_BV259_1	28.14	224.02	0.00	40.65	210.79	0.09	7.56	0.836
Barlow_BV259_2	28.15	225.07	0.00	38.03	214.58	0.05	4.44	0.847
Barlow_BV26_1	28.14	104.47	0.00	34.23	97.69	0.08	11.09	0.737
Barlow_BV26_2	28.14	55.46	0.00	30.88	52.12	0.01	3.32	0.623
Barlow_BV260_1	0.00	281.28	0.00	0.00	274.22	0.09	6.71	0.975
Barlow_BV260_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.29	0.990
Barlow_BV260_2	0.00	267.94	0.00	0.00	260.55	0.05	4.42	0.972
Barlow_BV260_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	3.76	0.990
Barlow_BV261_1	28.15	220.26	0.00	40.80	207.00	0.09	6.48	0.833
Barlow_BV261_2	28.14	221.77	0.00	38.46	210.90	0.05	4.36	0.844
Barlow_BV262_1	0.00	292.04	0.00	0.00	284.41	0.09	6.47	0.974
Barlow_BV262_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.12	0.990
Barlow_BV262_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV262_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.23	0.990
Barlow_BV263_1	28.14	215.50	0.00	40.36	202.59	0.09	6.75	0.831
Barlow_BV263_2	28.14	21.12	0.00	29.13	19.47	0.00	2.93	0.395
Barlow_BV264_1	0.00	261.87	0.00	0.00	254.25	0.09	6.74	0.971
Barlow_BV264_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.86	0.990
Barlow_BV264_2	0.00	24.65	0.00	0.00	16.98	0.00	1.00	0.689
Barlow_BV264_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.37	0.990
Barlow_BV265_1	28.14	216.35	0.00	38.61	205.28	0.09	7.07	0.840
Barlow_BV265_2	28.14	36.77	0.00	30.15	34.12	0.01	3.15	0.526
Barlow_BV266_1	0.00	263.19	0.00	0.00	255.53	0.09	7.03	0.971
Barlow_BV266_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.97	0.990
Barlow_BV266_2	0.00	47.68	0.00	0.00	40.28	0.01	1.38	0.845
Barlow_BV266_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.94	0.990
Barlow_BV267_1	28.14	236.50	0.00	38.61	225.38	0.10	6.93	0.852
Barlow_BV267_2	28.15	53.88	0.00	30.74	50.60	0.01	2.71	0.617
Barlow_BV268_1	0.00	312.91	0.00	0.00	305.58	0.09	6.91	0.977
Barlow_BV268_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.02	0.990
Barlow_BV268_2	0.00	67.12	0.00	0.00	59.53	0.01	1.70	0.887
Barlow_BV268_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.81	0.990
Barlow_BV269_1	28.15	255.67	0.00	38.90	244.27	0.10	6.68	0.861
Barlow_BV269_2	28.15	71.51	0.00	31.32	67.65	0.01	2.62	0.679
Barlow_BV27_1	0.00	24.12	0.00	0.00	16.35	0.00	0.71	0.678
Barlow_BV27_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.56	0.990
Barlow_BV27_2	0.00	40.58	0.00	0.00	32.92	0.01	1.45	0.811
Barlow_BV27_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	3.45	0.990
Barlow_BV270_1	0.00	310.54	0.00	0.00	302.88	0.10	6.67	0.975
Barlow_BV270_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.18	0.990
Barlow_BV270_2	0.00	92.30	0.00	0.00	84.86	0.01	1.96	0.919
Barlow_BV270_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.51	0.990
Barlow_BV271_1	28.14	248.45	0.00	39.19	236.78	0.10	6.47	0.856
Barlow_BV271_2	28.15	88.13	0.00	31.90	83.74	0.01	2.31	0.720
Barlow_BV272_1	0.00	310.31	0.00	0.00	302.65	0.10	6.44	0.975

Barlow_BV272_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.27	0.990
Barlow_BV272_2	0.00	119.12	0.00	0.00	111.62	0.01	2.16	0.937
Barlow_BV272_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.26	0.990
Barlow_BV273_1	28.14	239.70	0.00	39.48	227.75	0.10	6.36	0.850
Barlow_BV273_2	28.15	107.87	0.00	32.49	102.95	0.02	2.33	0.757
Barlow_BV274_1	0.00	300.96	0.00	0.00	293.33	0.10	6.33	0.975
Barlow_BV274_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.55	0.990
Barlow_BV274_2	0.00	144.32	0.00	0.00	136.77	0.01	2.33	0.948
Barlow_BV274_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.08	0.990
Barlow_BV275_1	28.14	270.49	0.00	39.77	258.18	0.10	6.16	0.865
Barlow_BV275_2	28.15	133.46	0.00	32.92	128.00	0.02	2.46	0.792
Barlow_BV276_1	0.00	344.53	0.00	0.00	337.14	0.10	6.09	0.979
Barlow_BV276_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	5.82	0.990
Barlow_BV276_2	0.00	176.00	0.00	0.00	168.56	0.02	2.46	0.958
Barlow_BV276_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.87	0.990
Barlow_BV277_1	28.14	293.38	0.00	40.21	280.72	0.10	5.89	0.873
Barlow_BV277_2	28.14	168.37	0.00	33.51	162.33	0.02	2.56	0.826
Barlow_BV278_1	0.00	328.39	0.00	0.00	320.72	0.10	5.87	0.977
Barlow_BV278_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.19	0.990
Barlow_BV278_2	0.00	204.28	0.00	0.00	196.84	0.02	2.56	0.964
Barlow_BV278_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.73	0.990
Barlow_BV279_1	28.15	283.50	0.00	40.50	270.52	0.11	5.88	0.868
Barlow_BV279_2	28.14	202.01	0.00	34.09	195.39	0.02	2.58	0.849
Barlow_BV28_1	28.15	27.40	0.00	30.15	24.75	0.01	3.03	0.446
Barlow_BV28_2	28.15	38.77	0.00	30.15	36.09	0.01	3.11	0.539
Barlow_BV280_1	0.00	345.67	0.00	0.00	338.09	0.10	5.85	0.978
Barlow_BV280_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.96	0.990
Barlow_BV280_2	0.00	280.34	0.00	0.00	273.35	0.02	2.58	0.975
Barlow_BV280_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.34	0.990
Barlow_BV281_1	28.14	298.62	0.00	40.80	285.30	0.11	5.82	0.873
Barlow_BV281_2	28.15	230.93	0.00	34.67	223.84	0.02	2.53	0.864
Barlow_BV282_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV282_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.22	0.990
Barlow_BV282_2	0.00	330.26	0.00	0.00	322.80	0.02	2.52	0.977
Barlow_BV282_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.19	0.990
Barlow_BV283_1	28.14	25.40	0.00	29.28	23.69	0.01	5.03	0.442
Barlow_BV283_2	28.15	305.58	0.00	35.26	297.88	0.02	2.48	0.893
Barlow_BV284_1	0.00	32.25	0.00	0.00	25.17	0.01	2.32	0.780
Barlow_BV284_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.21	0.990
Barlow_BV284_2	0.00	400.99	0.00	0.00	393.79	0.02	2.48	0.982
Barlow_BV284_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	1.01	0.990
Barlow_BV285_1	28.14	41.96	0.00	30.15	39.26	0.01	3.88	0.560
Barlow_BV285_2	28.14	406.04	0.00	35.84	397.64	0.02	2.45	0.916
Barlow_BV286_1	0.00	49.85	0.00	0.00	42.23	0.01	2.69	0.847
Barlow_BV286_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.19	0.990

Barlow_BV286_2	0.00	596.46	0.00	0.00	589.71	0.02	2.45	0.989
Barlow_BV286_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.70	0.990
Barlow_BV287_1	28.15	58.41	0.00	30.88	55.09	0.01	3.93	0.636
Barlow_BV287_2	28.14	529.36	0.00	36.42	520.45	0.02	2.42	0.934
Barlow_BV288_1	0.00	84.10	0.00	0.00	76.98	0.01	3.01	0.915
Barlow_BV288_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	3.29	0.990
Barlow_BV288_2	0.00	874.35	0.00	0.00	867.60	0.02	2.42	0.992
Barlow_BV288_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.49	0.990
Barlow_BV289_1	28.14	97.36	0.00	31.61	93.27	0.02	3.25	0.743
Barlow_BV289_2	28.15	895.47	0.00	37.30	885.77	0.02	2.41	0.959
Barlow_BV29_1	0.00	16.28	0.00	0.00	8.46	0.00	0.33	0.520
Barlow_BV29_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.35	0.990
Barlow_BV29_2	0.00	25.43	0.00	0.00	17.79	0.00	1.08	0.700
Barlow_BV29_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	3.29	0.990
Barlow_BV290_1	0.00	146.34	0.00	0.00	139.57	0.02	3.23	0.954
Barlow_BV290_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.26	0.990
Barlow_BV290_2	0.00	1581.73	0.00	0.00	1575.02	0.02	2.41	0.996
Barlow_BV290_2_Pann	28.14	0.00	0.00	0.00	27.87	0.00	0.27	0.990
Barlow_BV291_1	0.00	17.25	0.00	0.00	9.45	0.01	1.48	0.547
Barlow_BV291_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	12.56	0.990
Barlow_BV291_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV291_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.84	0.990
Barlow_BV292_1	28.15	33.38	0.00	30.15	30.73	0.02	12.04	0.500
Barlow_BV292_2	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV293_1	0.00	40.58	0.00	0.00	33.37	0.02	5.29	0.822
Barlow_BV293_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.64	0.990
Barlow_BV293_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV293_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.64	0.990
Barlow_BV294_1	28.15	45.56	0.00	30.74	42.37	0.03	9.57	0.575
Barlow_BV294_2	28.15	35.64	0.00	30.44	32.56	0.04	10.50	0.510
Barlow_BV295	0.00	41.58	0.00	0.00	33.92	0.02	5.20	0.816
Barlow_BV295_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.51	0.990
Barlow_BV296_1	0.00	56.03	0.00	0.00	48.39	0.03	6.34	0.864
Barlow_BV296_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.81	0.990
Barlow_BV296_2	0.00	58.63	0.00	0.00	51.06	0.03	6.61	0.871
Barlow_BV296_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.73	0.990
Barlow_BV297_1	28.15	65.21	0.00	31.32	61.43	0.04	10.23	0.658
Barlow_BV297_2	28.14	63.69	0.00	31.17	60.06	0.04	10.89	0.654
Barlow_BV298_1	0.00	79.10	0.00	0.00	71.70	0.04	7.10	0.906
Barlow_BV298_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.82	0.990
Barlow_BV298_2	0.00	73.58	0.00	0.00	65.93	0.04	7.60	0.896
Barlow_BV298_2_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.86	0.990
Barlow_BV299_1	28.14	81.33	0.00	31.90	77.01	0.05	9.16	0.704
Barlow_BV299_2	28.15	77.61	0.00	31.76	73.43	0.05	11.11	0.694
Barlow_BV3	0.00	24.04	0.00	0.00	16.27	0.00	0.84	0.677

Barlow_BV3_Pann	28.14	0.00	0.00	0.00	27.87	0.01	5.24	0.990
Barlow_BV30_1	28.14	19.80	0.00	29.71	17.50	0.00	1.78	0.365
Barlow_BV30_2	28.14	23.36	0.00	29.13	21.70	0.00	3.04	0.421
Barlow_BV300_1	0.00	105.36	0.00	0.00	97.93	0.04	7.78	0.929
Barlow_BV300_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.79	0.990
Barlow_BV300_2	0.00	87.88	0.00	0.00	80.25	0.05	8.47	0.913
Barlow_BV300_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.98	0.990
Barlow_BV301_1	28.15	105.85	0.00	32.34	100.97	0.05	8.40	0.754
Barlow_BV301_2	28.15	90.34	0.00	32.19	85.65	0.06	11.26	0.723
Barlow_BV302_1	0.00	142.42	0.00	0.00	135.16	0.05	8.36	0.949
Barlow_BV302_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.40	0.990
Barlow_BV302_2	0.00	107.94	0.00	0.00	100.42	0.06	9.22	0.930
Barlow_BV302_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.38	0.990
Barlow_BV303_1	28.15	133.52	0.00	32.92	128.09	0.06	8.81	0.792
Barlow_BV303_2	28.14	103.48	0.00	32.63	98.31	0.07	10.56	0.747
Barlow_BV304_1	0.00	178.49	0.00	0.00	171.11	0.06	8.73	0.959
Barlow_BV304_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.49	0.990
Barlow_BV304_2	0.00	125.76	0.00	0.00	118.17	0.07	9.90	0.940
Barlow_BV304_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.03	0.990
Barlow_BV305_1	28.14	148.56	0.00	33.51	142.65	0.06	9.13	0.807
Barlow_BV305_2	28.15	114.80	0.00	33.21	109.18	0.08	10.52	0.764
Barlow_BV306_1	0.00	188.23	0.00	0.00	180.59	0.06	9.11	0.959
Barlow_BV306_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.58	0.990
Barlow_BV306_2	0.00	135.76	0.00	0.00	128.10	0.07	10.47	0.944
Barlow_BV306_2_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.28	0.990
Barlow_BV307_1	28.15	170.19	0.00	33.94	163.78	0.07	9.45	0.826
Barlow_BV307_2	28.15	130.13	0.00	33.65	124.03	0.09	10.59	0.784
Barlow_BV308_1	0.00	233.01	0.00	0.00	225.67	0.07	9.41	0.969
Barlow_BV308_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.67	0.990
Barlow_BV308_2	0.00	149.70	0.00	0.00	142.10	0.08	10.43	0.949
Barlow_BV308_2_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.20	0.990
Barlow_BV309_1	28.14	219.58	0.00	34.53	212.58	0.07	9.23	0.858
Barlow_BV309_2	28.15	138.82	0.00	34.09	132.29	0.09	10.45	0.792
Barlow_BV310_1	0.00	311.91	0.00	0.00	304.86	0.07	9.22	0.977
Barlow_BV310_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.46	0.990
Barlow_BV310_2	0.00	181.54	0.00	0.00	174.11	0.09	10.24	0.959
Barlow_BV310_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.99	0.990
Barlow_BV311_1	28.15	286.44	0.00	35.11	278.86	0.07	9.07	0.886
Barlow_BV311_2	28.15	149.30	0.00	34.53	142.34	0.10	10.38	0.802
Barlow_BV312_1	0.00	405.33	0.00	0.00	398.25	0.07	9.05	0.983
Barlow_BV312_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.56	0.990
Barlow_BV312_2	0.00	179.94	0.00	0.00	172.33	0.09	10.33	0.958
Barlow_BV312_2_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.69	0.990
Barlow_BV313_1	28.15	340.52	0.00	35.69	332.40	0.08	8.91	0.902
Barlow_BV313_2	28.14	173.90	0.00	34.96	166.46	0.11	10.49	0.824

Barlow_BV314_1	0.00	396.46	0.00	0.00	388.84	0.07	8.89	0.981
Barlow_BV314_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.74	0.990
Barlow_BV314_2	0.00	227.72	0.00	0.00	220.50	0.10	10.43	0.968
Barlow_BV314_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	9.00	0.990
Barlow_BV315_1	28.15	398.05	0.00	36.28	389.29	0.08	8.79	0.913
Barlow_BV315_2	28.15	209.39	0.00	35.40	201.45	0.11	10.29	0.848
Barlow_BV316_1	0.00	579.60	0.00	0.00	572.85	0.08	8.78	0.988
Barlow_BV316_1_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.63	0.990
Barlow_BV316_2	0.00	284.52	0.00	0.00	277.28	0.11	10.27	0.975
Barlow_BV316_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	7.56	0.990
Barlow_BV317_1	28.14	623.82	0.00	37.00	614.38	0.08	8.71	0.942
Barlow_BV317_2	28.15	276.63	0.00	35.98	268.08	0.11	10.05	0.880
Barlow_BV318_1	0.00	1050.92	0.00	0.00	1044.08	0.08	8.71	0.993
Barlow_BV318_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.48	0.990
Barlow_BV318_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV318_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.16	0.990
Barlow_BV319_1	28.15	905.20	0.00	37.59	895.26	0.08	8.66	0.959
Barlow_BV319_2	28.15	24.39	0.00	29.28	22.71	0.01	5.86	0.432
Barlow_BV32_1	0.00	9.59	0.00	0.00	1.73	0.00	0.06	0.181
Barlow_BV32_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.08	0.990
Barlow_BV32_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV32_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	3.23	0.990
Barlow_BV320_1	0.00	1202.59	0.00	0.00	1195.42	0.08	8.65	0.994
Barlow_BV320_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.31	0.990
Barlow_BV320_2	0.00	30.71	0.00	0.00	23.48	0.01	2.56	0.765
Barlow_BV320_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.20	0.990
Barlow_BV321_1	28.14	1490.19	0.00	38.46	1479.40	0.08	8.62	0.974
Barlow_BV321_2	28.15	43.52	0.00	30.30	40.78	0.01	4.91	0.569
Barlow_BV322_1	0.00	3537.70	0.00	0.00	3532.57	0.08	8.62	0.999
Barlow_BV322_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.45	0.990
Barlow_BV322_2	0.00	53.98	0.00	0.00	46.60	0.01	3.09	0.863
Barlow_BV322_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	4.64	0.990
Barlow_BV323_2	28.15	74.78	0.00	31.03	71.22	0.02	4.56	0.692
Barlow_BV324	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV324_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.49	0.990
Barlow_BV325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV325_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.29	0.990
Barlow_BV326	28.14	14.71	0.00	29.13	12.85	0.00	0.91	0.300
Barlow_BV327	0.00	12.16	0.00	0.00	4.33	0.00	0.13	0.356
Barlow_BV327_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.57	0.990
Barlow_BV328	28.15	21.69	0.00	29.86	19.28	0.00	2.20	0.387
Barlow_BV329	0.00	18.99	0.00	0.00	11.18	0.00	0.45	0.589
Barlow_BV329_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.88	0.990
Barlow_BV33_1	28.15	13.46	0.00	29.13	11.53	0.00	0.53	0.277
Barlow_BV33_2	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000

Barlow_BV330	28.14	27.17	0.00	30.30	24.36	0.01	3.38	0.440
Barlow_BV331	0.00	26.19	0.00	0.00	18.39	0.00	0.88	0.702
Barlow_BV331_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.18	0.990
Barlow_BV332	28.14	33.08	0.00	30.59	29.92	0.01	4.58	0.489
Barlow_BV333	0.00	33.53	0.00	0.00	25.80	0.01	1.44	0.770
Barlow_BV333_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.47	0.990
Barlow_BV334	28.14	214.53	0.00	37.73	204.35	0.09	7.04	0.842
Barlow_BV335	0.00	248.89	0.00	0.00	241.28	0.09	7.03	0.969
Barlow_BV335_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.15	0.990
Barlow_BV336	28.14	175.45	0.00	38.32	164.52	0.09	6.75	0.808
Barlow_BV337	0.00	211.95	0.00	0.00	204.21	0.09	6.74	0.963
Barlow_BV337_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.51	0.990
Barlow_BV338	28.14	165.17	0.00	38.75	153.96	0.09	7.50	0.796
Barlow_BV339	0.00	174.42	0.00	0.00	166.70	0.09	6.43	0.956
Barlow_BV339_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.56	0.990
Barlow_BV34	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV340	28.15	150.65	0.00	38.90	139.21	0.10	9.66	0.779
Barlow_BV341	0.00	172.16	0.00	0.00	164.48	0.09	6.07	0.955
Barlow_BV341_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.03	0.990
Barlow_BV342	28.15	133.91	0.00	39.05	122.27	0.10	9.61	0.754
Barlow_BV343	0.00	152.70	0.00	0.00	145.04	0.09	5.65	0.950
Barlow_BV343_Pann	28.14	0.00	0.00	0.00	27.87	0.02	12.68	0.990
Barlow_BV344_1	28.14	129.98	0.00	39.34	118.21	0.10	11.46	0.748
Barlow_BV344_2	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV345_1	0.00	151.44	0.00	0.00	143.77	0.10	6.06	0.949
Barlow_BV345_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	13.17	0.990
Barlow_BV345_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV345_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.56	0.990
Barlow_BV346_1	28.14	133.98	0.00	39.48	122.03	0.11	12.08	0.753
Barlow_BV346_2	28.15	11.38	0.00	29.13	9.38	0.00	0.27	0.237
Barlow_BV347_1	0.00	150.12	0.00	0.00	142.44	0.10	6.92	0.949
Barlow_BV347_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	13.71	0.990
Barlow_BV347_2	0.00	7.48	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV347_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.73	0.990
Barlow_BV348_1	28.15	139.41	0.00	39.63	127.26	0.11	12.80	0.760
Barlow_BV348_2	28.15	17.22	0.00	29.13	15.47	0.00	1.41	0.341
Barlow_BV349_1	0.00	153.07	0.00	0.00	145.42	0.10	7.88	0.950
Barlow_BV349_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	13.93	0.990
Barlow_BV349_2	0.00	15.37	0.00	0.00	7.55	0.00	0.25	0.491
Barlow_BV349_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.82	0.990
Barlow_BV35_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV35_1_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.84	0.990
Barlow_BV35_3	0.00	90.55	0.00	0.00	82.90	0.08	10.97	0.916
Barlow_BV35_3_Pann	28.15	0.00	0.00	0.00	27.87	0.03	19.81	0.990
Barlow_BV35_4	0.00	96.23	0.00	0.00	88.66	0.02	3.89	0.921

Barlow_BV35_4_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.30	0.990
Barlow_BV350_1	28.14	138.90	0.00	39.77	126.58	0.11	12.90	0.758
Barlow_BV350_2	28.14	95.24	0.00	33.80	88.92	0.02	2.61	0.721
Barlow_BV351_1	0.00	162.00	0.00	0.00	154.38	0.11	8.78	0.953
Barlow_BV351_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	13.58	0.990
Barlow_BV351_2	0.00	97.77	0.00	0.00	90.02	0.02	2.60	0.921
Barlow_BV351_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	3.92	0.990
Barlow_BV352	0.00	79.38	0.00	0.00	71.60	0.02	2.43	0.902
Barlow_BV352_Pann	28.14	0.00	0.00	0.00	27.87	0.01	5.32	0.990
Barlow_BV353	28.14	75.01	0.00	34.96	67.65	0.02	4.90	0.656
Barlow_BV354	0.00	74.43	0.00	0.00	66.78	0.02	2.20	0.897
Barlow_BV354_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.41	0.990
Barlow_BV355	28.14	72.92	0.00	35.26	65.21	0.03	5.85	0.645
Barlow_BV356	0.00	86.20	0.00	0.00	78.55	0.03	2.19	0.911
Barlow_BV356_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.29	0.990
Barlow_BV357	28.15	90.94	0.00	35.69	82.79	0.03	5.96	0.695
Barlow_BV358	0.00	117.21	0.00	0.00	110.01	0.03	2.90	0.939
Barlow_BV358_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.20	0.990
Barlow_BV359	28.15	126.51	0.00	36.13	117.80	0.03	5.03	0.762
Barlow_BV36_1	28.14	87.07	0.00	33.07	81.56	0.09	15.89	0.708
Barlow_BV36_2	28.15	77.15	0.00	32.19	72.51	0.03	5.19	0.689
Barlow_BV360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV360_Pann	28.14	0.00	0.00	0.00	27.87	0.01	3.78	0.990
Barlow_BV361	28.14	24.91	0.00	29.28	23.22	0.01	3.62	0.438
Barlow_BV362	0.00	38.76	0.00	0.00	32.00	0.00	1.88	0.826
Barlow_BV362_Pann	28.14	0.00	0.00	0.00	27.87	0.00	2.53	0.990
Barlow_BV363	28.15	35.49	0.00	30.15	32.90	0.02	10.57	0.517
Barlow_BV364	0.00	24.69	0.00	0.00	17.14	0.01	3.59	0.694
Barlow_BV364_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.47	0.990
Barlow_BV365	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV366	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV367	28.14	12.54	0.00	29.13	10.51	0.01	2.99	0.258
Barlow_BV368_2	28.14	14.58	0.00	35.26	6.20	0.04	4.57	0.145
Barlow_BV369	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV37_1	0.00	90.63	0.00	0.00	82.95	0.07	9.93	0.915
Barlow_BV37_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	17.28	0.990
Barlow_BV37_2	0.00	76.47	0.00	0.00	68.84	0.02	3.51	0.900
Barlow_BV37_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.61	0.990
Barlow_BV370	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV371_1	28.14	17.28	0.00	29.13	15.50	0.01	7.02	0.341
Barlow_BV371_2	28.14	25.99	0.00	29.13	24.65	0.01	11.15	0.455
Barlow_BV372	28.15	202.47	0.00	37.73	192.24	0.12	12.33	0.834
Barlow_BV373_1	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV374_2	28.14	24.71	0.00	36.28	15.38	0.06	5.88	0.291
Barlow_BV375	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000

Barlow_BV376_1	28.15	82.28	0.00	34.53	75.25	0.02	3.44	0.681
Barlow_BV376_2	28.14	125.03	0.00	39.92	112.40	0.11	10.46	0.734
Barlow_BV377_1	28.15	10.90	0.00	33.51	4.32	0.02	2.69	0.111
Barlow_BV377_3	28.15	22.93	0.00	37.59	12.26	0.08	6.95	0.240
Barlow_BV377_4	28.15	104.40	0.00	38.32	93.11	0.15	12.97	0.702
Barlow_BV377_5	28.14	40.16	0.00	32.63	34.44	0.04	7.34	0.504
Barlow_BV378_1	28.14	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV378_2	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV379_1	28.15	115.67	0.00	32.19	111.06	0.04	6.67	0.772
Barlow_BV379_2	28.15	220.21	0.00	34.53	213.16	0.02	2.65	0.858
Barlow_BV38_1	28.14	78.95	0.00	32.63	73.82	0.08	15.02	0.689
Barlow_BV38_2	28.15	66.26	0.00	31.76	62.04	0.02	4.70	0.657
Barlow_BV380_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV380_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.99	0.990
Barlow_BV380_2	0.00	286.16	0.00	0.00	278.67	0.02	2.65	0.974
Barlow_BV380_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.42	0.990
Barlow_BV39_1	0.00	81.80	0.00	0.00	74.12	0.06	8.87	0.906
Barlow_BV39_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	16.42	0.990
Barlow_BV39_2	0.00	67.86	0.00	0.00	60.23	0.02	3.13	0.888
Barlow_BV39_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.20	0.990
Barlow_BV4	0.00	27.27	0.00	0.00	19.48	0.01	1.38	0.714
Barlow_BV4_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.64	0.990
Barlow_BV40_1	28.15	71.89	0.00	32.19	67.14	0.07	14.31	0.671
Barlow_BV40_2	28.15	60.96	0.00	31.32	57.16	0.02	4.31	0.641
Barlow_BV41_1	0.00	71.97	0.00	0.00	64.31	0.05	7.77	0.894
Barlow_BV41_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	15.60	0.990
Barlow_BV41_2	0.00	59.30	0.00	0.00	51.66	0.01	2.78	0.871
Barlow_BV41_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.73	0.990
Barlow_BV42_1	28.14	63.66	0.00	31.90	59.31	0.06	13.35	0.646
Barlow_BV42_2	28.14	52.19	0.00	30.88	48.84	0.01	4.33	0.608
Barlow_BV43_1	0.00	62.28	0.00	0.00	54.63	0.04	6.64	0.877
Barlow_BV43_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	14.61	0.990
Barlow_BV43_2	0.00	43.76	0.00	0.00	36.55	0.01	2.33	0.835
Barlow_BV43_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.66	0.990
Barlow_BV44_1	28.14	55.26	0.00	31.46	51.33	0.05	12.24	0.615
Barlow_BV44_2	28.14	35.52	0.00	30.30	32.68	0.01	5.29	0.513
Barlow_BV45_1	0.00	52.44	0.00	0.00	44.80	0.03	5.43	0.854
Barlow_BV45_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	13.48	0.990
Barlow_BV45_2	0.00	19.95	0.00	0.00	12.15	0.00	0.91	0.609
Barlow_BV45_2_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.53	0.990
Barlow_BV46_1	28.15	46.81	0.00	31.03	43.30	0.04	11.09	0.578
Barlow_BV46_2	28.14	20.37	0.00	29.71	18.10	0.01	3.68	0.373
Barlow_BV47_1	0.00	42.04	0.00	0.00	34.39	0.02	4.18	0.818
Barlow_BV47_1_Pann	28.15	0.00	0.00	0.00	27.87	0.02	12.27	0.990
Barlow_BV47_2	0.00	9.38	0.00	0.00	1.52	0.00	0.12	0.162

Barlow_BV47_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	4.23	0.990
Barlow_BV48_1	28.15	38.11	0.00	30.59	35.08	0.03	10.25	0.529
Barlow_BV48_2	28.14	12.95	0.00	29.13	11.00	0.00	1.01	0.268
Barlow_BV49_1	0.00	29.56	0.00	0.00	21.91	0.01	2.80	0.741
Barlow_BV49_1_Pann	28.14	0.00	0.00	0.00	27.87	0.02	11.26	0.990
Barlow_BV49_2	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV49_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	1.68	0.990
Barlow_BV5	28.15	1.84	0.00	28.69	0.05	0.00	0.02	0.002
Barlow_BV5_1	0.00	49.29	0.00	0.00	41.69	0.02	3.53	0.846
Barlow_BV5_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	9.86	0.990
Barlow_BV5_2	0.00	31.68	0.00	0.00	23.90	0.01	2.09	0.754
Barlow_BV5_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	10.27	0.990
Barlow_BV5_3	0.00	133.23	0.00	0.00	125.57	0.08	9.15	0.942
Barlow_BV5_3_Pann	28.14	0.00	0.00	0.00	27.87	0.02	12.16	0.990
Barlow_BV5_4	0.00	75.45	0.00	0.00	68.50	0.01	1.78	0.908
Barlow_BV5_4_Pann	28.15	0.00	0.00	0.00	27.87	0.00	2.61	0.990
Barlow_BV50_1	28.14	27.92	0.00	30.01	25.42	0.02	9.11	0.453
Barlow_BV51_1	0.00	16.45	0.00	0.00	8.63	0.00	1.07	0.525
Barlow_BV51_1_Pann	28.14	0.00	0.00	0.00	27.87	0.01	10.01	0.990
Barlow_BV51_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV51_2_Pann	28.15	0.00	0.00	0.00	27.87	0.00	0.33	0.990
Barlow_BV52	28.14	17.80	0.00	29.13	16.07	0.01	5.43	0.350
Barlow_BV53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV53_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.55	0.990
Barlow_BV54	28.15	98.13	0.00	32.63	92.99	0.03	4.99	0.736
Barlow_BV55	0.00	115.96	0.00	0.00	108.44	0.03	4.21	0.935
Barlow_BV55_Pann	28.15	0.00	0.00	0.00	27.87	0.01	5.05	0.990
Barlow_BV56	28.15	92.42	0.00	32.92	86.89	0.03	4.51	0.721
Barlow_BV57	0.00	105.04	0.00	0.00	97.32	0.03	4.50	0.926
Barlow_BV57_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.16	0.990
Barlow_BV58	28.14	96.02	0.00	33.36	90.19	0.04	5.61	0.726
Barlow_BV59	0.00	114.68	0.00	0.00	107.02	0.03	4.70	0.933
Barlow_BV59_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.31	0.990
Barlow_BV6	0.00	62.88	0.00	0.00	55.21	0.03	4.64	0.878
Barlow_BV6_Pann	28.14	0.00	0.00	0.00	27.87	0.01	10.07	0.990
Barlow_BV60	28.15	104.05	0.00	33.65	97.85	0.04	5.76	0.740
Barlow_BV61	0.00	131.72	0.00	0.00	124.09	0.04	4.60	0.942
Barlow_BV61_Pann	28.14	0.00	0.00	0.00	27.87	0.01	6.08	0.990
Barlow_BV62	28.14	114.80	0.00	34.09	108.21	0.04	5.50	0.757
Barlow_BV63	0.00	131.44	0.00	0.00	123.81	0.04	4.70	0.942
Barlow_BV63_Pann	28.15	0.00	0.00	0.00	27.87	0.01	6.62	0.990
Barlow_BV64	28.14	117.74	0.00	34.53	110.80	0.05	6.06	0.759
Barlow_BV65	0.00	121.93	0.00	0.00	114.29	0.05	4.97	0.937
Barlow_BV65_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.75	0.990
Barlow_BV66	28.14	113.39	0.00	34.82	106.13	0.05	7.17	0.750

Barlow_BV67	0.00	137.92	0.00	0.00	130.31	0.05	5.08	0.945
Barlow_BV67_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.48	0.990
Barlow_BV68	28.14	124.98	0.00	35.11	117.38	0.06	6.89	0.767
Barlow_BV69	0.00	137.13	0.00	0.00	129.46	0.05	5.13	0.944
Barlow_BV69_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.10	0.990
Barlow_BV7	28.15	0.00	0.00	26.94	0.00	0.00	0.00	0.000
Barlow_BV7_1	0.00	104.72	0.00	0.00	97.36	0.04	6.40	0.930
Barlow_BV7_1_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.84	0.990
Barlow_BV7_2	0.00	76.74	0.00	0.00	69.08	0.04	5.57	0.900
Barlow_BV7_2_Pann	28.14	0.00	0.00	0.00	27.87	0.01	10.17	0.990
Barlow_BV7_3	28.14	121.66	0.00	34.67	114.53	0.09	11.22	0.765
Barlow_BV7_4	28.15	77.32	0.00	31.46	73.45	0.01	2.42	0.696
Barlow_BV70	28.15	136.06	0.00	35.55	128.07	0.06	7.69	0.780
Barlow_BV71	0.00	154.77	0.00	0.00	147.26	0.06	5.47	0.951
Barlow_BV71_Pann	28.15	0.00	0.00	0.00	27.87	0.01	7.75	0.990
Barlow_BV72	28.15	135.08	0.00	35.84	126.79	0.07	7.08	0.777
Barlow_BV73	0.00	140.99	0.00	0.00	133.36	0.06	5.79	0.946
Barlow_BV73_Pann	28.15	0.00	0.00	0.00	27.87	0.01	9.04	0.990
Barlow_BV74	28.14	127.01	0.00	36.13	118.46	0.07	8.32	0.763
Barlow_BV75	0.00	157.50	0.00	0.00	149.89	0.07	5.99	0.952
Barlow_BV75_Pann	28.15	0.00	0.00	0.00	27.87	0.01	8.63	0.990
Barlow_BV76	28.15	135.77	0.00	36.42	126.91	0.07	7.85	0.774
Barlow_BV77	0.00	165.78	0.00	0.00	158.12	0.07	6.31	0.954
Barlow_BV77_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.65	0.990
Barlow_BV78	28.15	130.87	0.00	36.57	121.73	0.08	7.58	0.766
Barlow_BV79	0.00	148.28	0.00	0.00	140.62	0.07	6.79	0.948
Barlow_BV79_Pann	28.15	0.00	0.00	0.00	27.87	0.01	10.09	0.990
Barlow_BV8	0.00	119.58	0.00	0.00	111.95	0.05	7.00	0.936
Barlow_BV8_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.77	0.990
Barlow_BV80	28.14	138.76	0.00	36.86	129.35	0.08	9.44	0.775
Barlow_BV81	0.00	147.39	0.00	0.00	139.71	0.08	7.18	0.948
Barlow_BV81_Pann	28.15	0.00	0.00	0.00	27.87	0.02	10.75	0.990
Barlow_BV82	28.14	151.89	0.00	37.30	142.11	0.09	10.34	0.789
Barlow_BV83	0.00	199.41	0.00	0.00	192.37	0.08	7.49	0.965
Barlow_BV83_Pann	28.14	0.00	0.00	0.00	27.87	0.01	8.45	0.990
Barlow_BV84	28.14	153.67	0.00	37.44	143.64	0.09	7.68	0.790
Barlow_BV85	0.00	161.57	0.00	0.00	153.87	0.09	7.63	0.952
Barlow_BV85_Pann	28.14	0.00	0.00	0.00	27.87	0.02	10.77	0.990
Barlow_BV86	28.15	147.79	0.00	37.73	137.60	0.09	10.03	0.782
Barlow_BV87	0.00	156.99	0.00	0.00	149.31	0.09	7.90	0.951
Barlow_BV87_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.61	0.990
Barlow_BV88	28.14	144.06	0.00	37.88	133.68	0.10	10.81	0.776
Barlow_BV89	0.00	154.56	0.00	0.00	146.87	0.09	8.04	0.950
Barlow_BV89_Pann	28.15	0.00	0.00	0.00	27.87	0.02	12.35	0.990
Barlow_BV9	0.00	128.09	0.00	0.00	120.42	0.06	7.57	0.940

Barlow_BV9_Pann	28.14	0.00	0.00	0.00	27.87	0.01	9.06	0.990
Barlow_BV90	28.14	164.86	0.00	38.17	154.19	0.10	11.99	0.799
Barlow_BV91	0.00	173.56	0.00	0.00	166.17	0.10	8.22	0.957
Barlow_BV91_Pann	28.15	0.00	0.00	0.00	27.87	0.02	11.63	0.990
Barlow_BV92	28.15	158.25	0.00	38.17	147.56	0.11	10.84	0.792
Barlow_BV93	0.00	170.91	0.00	0.00	163.23	0.10	8.90	0.955
Barlow_BV93_Pann	28.14	0.00	0.00	0.00	27.87	0.02	12.31	0.990
Barlow_BV94	28.14	158.50	0.00	38.32	147.77	0.11	11.54	0.792
Barlow_BV95	0.00	163.19	0.00	0.00	155.50	0.11	9.46	0.953
Barlow_BV95_Pann	28.15	0.00	0.00	0.00	27.87	0.02	13.44	0.990
Barlow_BV96	28.14	157.95	0.00	38.32	147.21	0.12	12.74	0.791
Barlow_BV97	0.00	189.88	0.00	0.00	182.49	0.11	9.49	0.961
Barlow_BV97_Pann	28.14	0.00	0.00	0.00	27.87	0.02	12.10	0.990
Barlow_BV98	28.15	157.77	0.00	38.17	147.07	0.12	10.92	0.791
Barlow_BV99	0.00	183.95	0.00	0.00	176.32	0.12	9.70	0.959
Barlow_BV99_Pann	28.15	0.00	0.00	0.00	27.87	0.02	12.90	0.990

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_EXU3	JUNCTION	0.01	0.10	60.55	0 03:41	0.10
Barlow_J1	JUNCTION	0.01	0.12	62.49	0 03:19	0.12
Barlow_J11	JUNCTION	0.02	0.13	61.93	0 03:08	0.13
Barlow_J13	JUNCTION	0.02	0.13	61.98	0 03:04	0.13
Barlow_J14	JUNCTION	0.02	0.13	62.13	0 03:22	0.13
Barlow_J15	JUNCTION	0.02	0.16	61.75	0 03:49	0.16
Barlow_J17	JUNCTION	0.73	0.81	61.30	0 03:41	0.81
Barlow_J18	JUNCTION	0.03	0.15	62.03	0 03:14	0.15
Barlow_J19	JUNCTION	0.01	0.11	62.26	0 03:22	0.11
Barlow_J2	JUNCTION	0.00	0.03	62.45	0 01:26	0.03
Barlow_J20	JUNCTION	0.01	0.10	62.35	0 01:26	0.10
Barlow_J21	JUNCTION	0.03	0.20	61.70	0 03:40	0.20
Barlow_J22	JUNCTION	0.02	0.15	62.49	0 03:20	0.15
Barlow_J23	JUNCTION	0.01	0.15	62.58	0 01:29	0.15
Barlow_J24	JUNCTION	0.01	0.12	61.82	0 03:15	0.12
Barlow_J25	JUNCTION	0.01	0.08	62.38	0 01:27	0.08
Barlow_J26	JUNCTION	0.01	0.11	62.51	0 03:09	0.11
Barlow_J27	JUNCTION	0.00	0.00	61.85	0 00:00	0.00

Barlow_J28	JUNCTION	0.00	0.00	61.75	0	00:00	0.00
Barlow_J3	JUNCTION	0.01	0.08	62.57	0	01:22	0.08
Barlow_J30	JUNCTION	0.01	0.10	61.96	0	03:46	0.10
Barlow_J31	JUNCTION	0.01	0.13	62.32	0	01:24	0.13
Barlow_J32	JUNCTION	0.00	0.08	62.05	0	01:20	0.08
Barlow_J50	JUNCTION	0.01	0.12	62.09	0	03:26	0.12
Barlow_J6	JUNCTION	0.01	0.08	62.33	0	03:29	0.08
Barlow_J7	JUNCTION	0.00	0.00	61.77	0	00:00	0.00
Barlow_Pond1	JUNCTION	0.03	0.19	61.79	0	03:44	0.19
Barlow_Pond2	JUNCTION	0.02	0.17	61.72	0	03:32	0.17
Barlow_EXU1	OUTFALL	0.01	0.05	60.47	0	03:41	0.05

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	Flow Balance Error Percent
Barlow_EXU3	JUNCTION	0.00	70.13	0 03:41	0	1.05	0.001
Barlow_J1	JUNCTION	0.00	12.17	0 01:35	0	0.136	0.059
Barlow_J11	JUNCTION	0.00	37.14	0 03:04	0	0.532	-0.014
Barlow_J13	JUNCTION	10.46	37.46	0 03:00	0.114	0.532	0.056
Barlow_J14	JUNCTION	1.53	28.90	0 03:10	0.0095	0.388	0.186
Barlow_J15	JUNCTION	0.00	33.16	0 03:41	0	0.472	0.073
Barlow_J17	JUNCTION	0.00	70.13	0 03:40	0	1.05	-0.053
Barlow_J18	JUNCTION	4.12	18.94	0 01:32	0.0419	0.162	1.521
Barlow_J19	JUNCTION	3.40	18.54	0 03:16	0.0368	0.241	0.079
Barlow_J2	JUNCTION	1.67	5.31	0 01:21	0.00236	0.0331	0.193
Barlow_J20	JUNCTION	18.20	18.20	0 01:20	0.135	0.135	-0.546
Barlow_J21	JUNCTION	0.00	70.32	0 03:33	0	1.05	0.627
Barlow_J22	JUNCTION	11.36	15.99	0 01:20	0.0613	0.197	0.050
Barlow_J23	JUNCTION	27.41	27.41	0 01:20	0.122	0.122	-0.249
Barlow_J24	JUNCTION	2.53	37.04	0 03:09	0.00362	0.535	0.042
Barlow_J25	JUNCTION	10.14	10.14	0 01:20	0.0762	0.0762	-3.581
Barlow_J26	JUNCTION	10.25	16.14	0 01:20	0.0139	0.136	0.177
Barlow_J27	JUNCTION	0.00	0.00	0 00:00	0	0	0.000 ltr
Barlow_J28	JUNCTION	0.00	0.00	0 00:00	0	0	0.000 ltr
Barlow_J3	JUNCTION	7.52	7.52	0 01:20	0.0307	0.0307	-0.134
Barlow_J30	JUNCTION	8.62	23.93	0 03:12	0.0855	0.324	1.080
Barlow_J31	JUNCTION	25.51	28.51	0 01:20	0.0849	0.118	-1.998

Barlow_J32	JUNCTION	14.09	14.09	0	01:20	0.0192	0.0192	-5.709
Barlow_J50	JUNCTION	23.92	28.55	0	03:22	0.0325	0.42	-0.099
Barlow_J6	JUNCTION	3.12	15.43	0	03:20	0.00703	0.204	-0.071
Barlow_J7	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 ltr
Barlow_Pond1	JUNCTION	11.82	33.53	0	03:26	0.132	0.473	0.208
Barlow_Pond2	JUNCTION	8.37	39.32	0	03:07	0.0451	0.58	-0.063
Barlow_EXU1	OUTFALL	0.00	70.13	0	03:41	0	1.05	0.000

Node Surcharge Summary

No nodes were surcharged.

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU1	70.84	8.54	70.13	1.046
System	70.84	8.54	70.13	1.046

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
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Barlow_C1	CONDUIT	5.83	0	03:05	0.28	0.17	0.53
Barlow_C10	CONDUIT	14.14	0	01:21	0.22	0.09	0.39
Barlow_C11	CONDUIT	18.49	0	03:22	0.16	0.17	0.48
Barlow_C11_2	CONDUIT	16.67	0	01:32	0.19	0.15	0.43
Barlow_C13	CONDUIT	11.96	0	01:29	0.16	0.11	0.43
Barlow_C14	CONDUIT	21.99	0	03:41	0.33	0.04	0.07
Barlow_C14_1	CONDUIT	28.50	0	03:26	0.15	0.22	0.50
Barlow_C14_2	CONDUIT	37.14	0	03:04	0.19	0.30	0.52
Barlow_C15	CONDUIT	14.27	0	03:22	0.58	0.38	0.50
Barlow_C16	CONDUIT	12.93	0	01:29	0.11	0.32	0.49
Barlow_C16_1	CONDUIT	12.17	0	01:35	0.15	0.15	0.45
Barlow_C16_3	CONDUIT	5.95	0	03:05	0.29	0.17	0.53
Barlow_C18	CONDUIT	33.16	0	03:41	0.16	0.89	0.70
Barlow_C18_2	CONDUIT	23.45	0	03:46	0.15	0.14	0.58
Barlow_C18_4	CONDUIT	10.00	0	03:18	0.08	0.40	0.50
Barlow_C19	CONDUIT	48.14	0	03:41	0.61	0.04	0.07
Barlow_C19_1	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
Barlow_C19_2	CONDUIT	33.08	0	03:49	0.59	0.02	0.20
Barlow_C2	CONDUIT	4.21	0	01:23	0.10	0.06	0.22
Barlow_C20	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
Barlow_C20_1	CONDUIT	37.04	0	03:09	0.20	0.26	0.50
Barlow_C20_2	CONDUIT	36.88	0	03:15	0.16	0.24	0.59
Barlow_C21	CONDUIT	15.28	0	03:22	0.14	0.25	0.45
Barlow_C23	CONDUIT	0.00	0	00:00	0.00	0.00	0.03
Barlow_C24	CONDUIT	4.19	0	01:26	0.09	0.02	0.33
Barlow_C25	CONDUIT	38.29	0	03:16	0.14	0.38	0.75
Barlow_C26	CONDUIT	9.24	0	03:05	0.13	0.05	0.35
Barlow_C27	CONDUIT	15.36	0	03:27	0.19	0.10	0.37
Barlow_C28	CONDUIT	14.27	0	03:22	0.58	0.39	0.50
Barlow_C3	CONDUIT	70.13	0	03:40	0.40	0.01	0.09
Barlow_C5	CONDUIT	70.13	0	03:41	0.44	0.00	0.04
Barlow_S4	WEIR	0.00	0	00:00			0.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.87

Barlow_C10	1.00	0.00	0.45	0.00	0.55	0.00	0.00	0.00	0.97	0.00
Barlow_C11	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Barlow_C11_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Barlow_C13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Barlow_C14	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
Barlow_C14_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Barlow_C14_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
Barlow_C15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
Barlow_C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.91	0.00
Barlow_C16_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
Barlow_C16_3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.87
Barlow_C18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C18_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.98	0.00
Barlow_C18_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
Barlow_C19	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
Barlow_C19_1	1.00	0.01	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barlow_C19_2	1.00	0.01	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.69
Barlow_C2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20_1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.87	0.00
Barlow_C20_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
Barlow_C21	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C23	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barlow_C24	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Barlow_C25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.84	0.00
Barlow_C26	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.95	0.00
Barlow_C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.13
Barlow_C3	1.00	0.01	0.00	0.00	0.85	0.00	0.00	0.14	0.00	0.00
Barlow_C5	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

No conduits were surcharged.

Analysis begun on: Mon Apr 23 15:41:25 2018
 Analysis ended on: Mon Apr 23 15:41:41 2018
 Total elapsed time: 00:00:16

3.2 5-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

Element Count

Number of rain gages 2
 Number of subcatchments ... 962
 Number of nodes 29
 Number of links 32
 Number of pollutants 0
 Number of land uses 0

Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_5ans_ACT	INTENSITY	10 min.
UnderPanels	NoRain	INTENSITY	1440 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
Barlow_BV1	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_BV175_66
Barlow_BV1_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_BV175_66
Barlow_BV10	2.25	41.84	2.00	0.2000	Raingage1	Barlow_J28
Barlow_BV10_1	0.04	108.72	2.00	0.2000	UnderPanels	Barlow_BV26_1
Barlow_BV10_1_Pann	0.04	108.72	100.00	70.0000	Raingage1	Barlow_BV26_1
Barlow_BV10_2	0.04	107.63	2.00	0.2000	UnderPanels	Barlow_BV175_62
Barlow_BV10_2_Pann	0.04	107.63	100.00	70.0000	Raingage1	Barlow_BV175_62
Barlow_BV10_3	0.06	160.22	2.00	0.2000	UnderPanels	Barlow_BV11_1
Barlow_BV10_3_Pann	0.06	160.22	100.00	70.0000	Raingage1	Barlow_BV11_1
Barlow_BV10_4	0.01	34.33	2.00	0.2000	UnderPanels	Barlow_BV11_2
Barlow_BV10_4_Pann	0.01	34.33	100.00	70.0000	Raingage1	Barlow_BV11_2
Barlow_BV10_5	0.14	100.00	2.00	0.2000	Raingage1	Barlow_BV132_1

Barlow_BV10_6	0.11	80.00	2.00	0.2000	Raingage1	Barlow_BV132_2
Barlow_BV10_7	0.27	45.00	2.00	0.2000	Raingage1	Barlow_BV186_2
Barlow_BV10_8	0.09	90.00	2.00	0.2000	Raingage1	Barlow_BV374_2
Barlow_BV10_9	0.15	90.00	2.00	0.2000	Raingage1	Barlow_BV10_7
Barlow_BV100	0.08	180.86	2.00	0.2000	Raingage1	Barlow_BV101
Barlow_BV101	0.08	206.81	2.00	0.2000	UnderPanels	Barlow_BV102
Barlow_BV101_Pann	0.08	206.81	100.00	70.0000	Raingage1	Barlow_BV102
Barlow_BV102	0.09	189.46	2.00	0.2000	Raingage1	Barlow_BV103
Barlow_BV103	0.08	207.08	2.00	0.2000	UnderPanels	Barlow_BV104
Barlow_BV103_Pann	0.08	207.08	100.00	70.0000	Raingage1	Barlow_BV104
Barlow_BV104	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV105
Barlow_BV105	0.07	198.91	2.00	0.2000	UnderPanels	Barlow_BV106
Barlow_BV105_Pann	0.07	198.91	100.00	70.0000	Raingage1	Barlow_BV106
Barlow_BV106	0.09	191.18	2.00	0.2000	Raingage1	Barlow_BV107
Barlow_BV107	0.07	201.63	2.00	0.2000	UnderPanels	Barlow_BV108
Barlow_BV107_Pann	0.07	201.63	100.00	70.0000	Raingage1	Barlow_BV108
Barlow_BV108	0.09	200.00	2.00	0.2000	Raingage1	Barlow_BV109
Barlow_BV109	0.07	194.55	2.00	0.2000	UnderPanels	Barlow_BV110
Barlow_BV109_Pann	0.07	194.55	100.00	70.0000	Raingage1	Barlow_BV110
Barlow_BV11	0.61	130.00	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV11_1	0.07	153.33	2.00	0.2000	Raingage1	Barlow_BV368_2
Barlow_BV11_2	0.02	33.55	2.00	0.2000	Raingage1	Barlow_BV14_2
Barlow_BV11_3	0.03	105.00	95.00	2.0000	Raingage1	Barlow_BV10_5
Barlow_BV110	0.09	189.89	2.00	0.2000	Raingage1	Barlow_BV111
Barlow_BV111	0.07	185.56	2.00	0.2000	UnderPanels	Barlow_BV112
Barlow_BV111_Pann	0.07	185.56	100.00	70.0000	Raingage1	Barlow_BV112
Barlow_BV112	0.08	174.84	2.00	0.2000	Raingage1	Barlow_BV113
Barlow_BV113	0.06	156.68	2.00	0.2000	UnderPanels	Barlow_BV114
Barlow_BV113_Pann	0.06	156.68	100.00	70.0000	Raingage1	Barlow_BV114
Barlow_BV114	0.07	157.85	2.00	0.2000	Raingage1	Barlow_BV115
Barlow_BV115	0.05	142.78	2.00	0.2000	UnderPanels	Barlow_BV116
Barlow_BV115_Pann	0.05	142.78	100.00	70.0000	Raingage1	Barlow_BV116
Barlow_BV116	0.07	148.17	2.00	0.2000	Raingage1	Barlow_BV377_4
Barlow_BV117	0.05	142.51	2.00	0.2000	UnderPanels	Barlow_BV118
Barlow_BV117_Pann	0.05	142.51	100.00	70.0000	Raingage1	Barlow_BV118
Barlow_BV118	0.06	139.35	2.00	0.2000	Raingage1	Barlow_BV119
Barlow_BV119	0.05	129.70	2.00	0.2000	UnderPanels	Barlow_BV120
Barlow_BV119_Pann	0.05	129.70	100.00	70.0000	Raingage1	Barlow_BV120
Barlow_BV12	0.05	500.00	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_1	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_10	0.00	5.00	95.00	2.0000	Raingage1	Barlow_BV377_4
Barlow_BV12_11	0.03	118.37	95.00	2.0000	Raingage1	Barlow_Pond2
Barlow_BV12_12	0.03	118.37	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_18	0.09	80.00	50.00	0.2000	Raingage1	Barlow_J32
Barlow_BV12_2	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50

Barlow_BV12_3	0.05	160.00	95.00	2.0000	Raingage1	Barlow_BV371_1
Barlow_BV12_4	0.06	200.00	95.00	2.0000	Raingage1	Barlow_BV371_2
Barlow_BV12_5	0.05	180.00	95.00	2.0000	Raingage1	Barlow_J20
Barlow_BV12_6	0.04	200.00	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J6
Barlow_BV12_9	0.05	220.00	95.00	2.0000	Raingage1	Barlow_J26
Barlow_BV120	0.05	117.85	2.00	0.2000	Raingage1	Barlow_BV121
Barlow_BV121	0.04	110.90	2.00	0.2000	UnderPanels	Barlow_BV122
Barlow_BV121_Pann	0.04	110.90	100.00	70.0000	Raingage1	Barlow_BV122
Barlow_BV122	0.05	104.09	2.00	0.2000	Raingage1	Barlow_BV123
Barlow_BV123	0.03	90.46	2.00	0.2000	UnderPanels	Barlow_BV124
Barlow_BV123_Pann	0.03	90.46	100.00	70.0000	Raingage1	Barlow_BV124
Barlow_BV124	0.04	84.73	2.00	0.2000	Raingage1	Barlow_BV125
Barlow_BV125	0.03	73.03	2.00	0.2000	UnderPanels	Barlow_BV126
Barlow_BV125_Pann	0.03	73.03	100.00	70.0000	Raingage1	Barlow_BV126
Barlow_BV126	0.04	76.34	2.00	0.2000	Raingage1	Barlow_BV127
Barlow_BV127	0.03	70.57	2.00	0.2000	UnderPanels	Barlow_BV128
Barlow_BV127_Pann	0.03	70.57	100.00	70.0000	Raingage1	Barlow_BV128
Barlow_BV128	0.03	69.89	2.00	0.2000	Raingage1	Barlow_BV129
Barlow_BV129	0.02	54.22	2.00	0.2000	UnderPanels	Barlow_BV130
Barlow_BV129_Pann	0.02	54.22	100.00	70.0000	Raingage1	Barlow_BV130
Barlow_BV13_1	0.18	360.00	2.00	0.2000	Raingage1	Barlow_BV15_3
Barlow_BV13_18	0.06	132.90	2.00	0.2000	Raingage1	Barlow_J23
Barlow_BV13_2	0.21	400.00	2.00	0.2000	Raingage1	Barlow_BV368_2
Barlow_BV130	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV131
Barlow_BV131	0.01	36.24	2.00	0.2000	UnderPanels	Barlow_BV377_5
Barlow_BV131_Pann	0.01	36.24	100.00	70.0000	Raingage1	Barlow_BV377_5
Barlow_BV132_1	0.04	101.64	2.00	0.2000	UnderPanels	Barlow_BV133_1
Barlow_BV132_1_Pann	0.04	101.64	100.00	70.0000	Raingage1	Barlow_BV133_1
Barlow_BV132_2	0.03	79.84	2.00	0.2000	UnderPanels	Barlow_BV133_2
Barlow_BV132_2_Pann	0.03	79.84	100.00	70.0000	Raingage1	Barlow_BV133_2
Barlow_BV133_1	0.04	94.62	2.00	0.2000	Raingage1	Barlow_BV134_1
Barlow_BV133_2	0.04	84.73	2.00	0.2000	Raingage1	Barlow_BV134_2
Barlow_BV134_1	0.04	97.00	2.00	0.2000	UnderPanels	Barlow_BV135_1
Barlow_BV134_1_Pann	0.04	97.00	100.00	70.0000	Raingage1	Barlow_BV135_1
Barlow_BV134_2	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV135_2
Barlow_BV134_2_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV135_2
Barlow_BV135_1	0.03	74.19	2.00	0.2000	Raingage1	Barlow_BV136_1
Barlow_BV135_2	0.04	84.95	2.00	0.2000	Raingage1	Barlow_BV136_2
Barlow_BV136_1	0.03	80.65	2.00	0.2000	UnderPanels	Barlow_BV137_1
Barlow_BV136_1_Pann	0.03	80.65	100.00	70.0000	Raingage1	Barlow_BV137_1
Barlow_BV136_2	0.04	101.09	2.00	0.2000	UnderPanels	Barlow_BV137_2
Barlow_BV136_2_Pann	0.04	101.09	100.00	70.0000	Raingage1	Barlow_BV137_2
Barlow_BV137_1	0.03	73.33	2.00	0.2000	Raingage1	Barlow_BV138_1
Barlow_BV137_2	0.05	102.58	2.00	0.2000	Raingage1	Barlow_BV138_2

Barlow_BV138_1	0.03	79.02	2.00	0.2000	UnderPanels	Barlow_BV139_1
Barlow_BV138_1_Pann	0.03	79.02	100.00	70.0000	Raingage1	Barlow_BV139_1
Barlow_BV138_2	0.04	110.63	2.00	0.2000	UnderPanels	Barlow_BV139_2
Barlow_BV138_2_Pann	0.04	110.63	100.00	70.0000	Raingage1	Barlow_BV139_2
Barlow_BV139_1	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV140_1
Barlow_BV139_2	0.05	101.29	2.00	0.2000	Raingage1	Barlow_BV140_2
Barlow_BV14_1	0.05	143.87	2.00	0.2000	UnderPanels	Barlow_BV15_1
Barlow_BV14_1_Pann	0.05	143.87	100.00	70.0000	Raingage1	Barlow_BV15_1
Barlow_BV14_2	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_BV15_2
Barlow_BV14_2_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_BV15_2
Barlow_BV14_3	4.29	230.00	20.00	0.2000	Raingage1	Barlow_J25
Barlow_BV14_5	0.29	240.00	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV14_6	0.41	600.00	2.00	0.2000	Raingage1	Barlow_J18
Barlow_BV14_7	0.29	150.00	2.00	0.2000	Raingage1	Barlow_J27
Barlow_BV140_1	0.03	68.94	2.00	0.2000	UnderPanels	Barlow_BV141_1
Barlow_BV140_1_Pann	0.03	68.94	100.00	70.0000	Raingage1	Barlow_BV141_1
Barlow_BV140_2	0.04	109.81	2.00	0.2000	UnderPanels	Barlow_BV141_2
Barlow_BV140_2_Pann	0.04	109.81	100.00	70.0000	Raingage1	Barlow_BV141_2
Barlow_BV141_1	0.03	67.31	2.00	0.2000	Raingage1	Barlow_BV142_1
Barlow_BV141_2	0.05	111.83	2.00	0.2000	Raingage1	Barlow_BV142_2
Barlow_BV142_1	0.02	64.31	2.00	0.2000	UnderPanels	Barlow_BV143_1
Barlow_BV142_1_Pann	0.02	64.31	100.00	70.0000	Raingage1	Barlow_BV143_1
Barlow_BV142_2	0.04	117.71	2.00	0.2000	UnderPanels	Barlow_BV143_2
Barlow_BV142_2_Pann	0.04	117.71	100.00	70.0000	Raingage1	Barlow_BV143_2
Barlow_BV143_1	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV144_1
Barlow_BV143_2	0.05	111.40	2.00	0.2000	Raingage1	Barlow_BV144_2
Barlow_BV144_1	0.02	59.40	2.00	0.2000	UnderPanels	Barlow_BV145_1
Barlow_BV144_1_Pann	0.02	59.40	100.00	70.0000	Raingage1	Barlow_BV145_1
Barlow_BV144_2	0.04	119.07	2.00	0.2000	UnderPanels	Barlow_BV145_2
Barlow_BV144_2_Pann	0.04	119.07	100.00	70.0000	Raingage1	Barlow_BV145_2
Barlow_BV145_1	0.03	58.28	2.00	0.2000	Raingage1	Barlow_BV146_1
Barlow_BV145_2	0.06	126.67	2.00	0.2000	Raingage1	Barlow_BV146_2
Barlow_BV146_1	0.02	52.04	2.00	0.2000	UnderPanels	Barlow_BV147_1
Barlow_BV146_1_Pann	0.02	52.04	100.00	70.0000	Raingage1	Barlow_BV147_1
Barlow_BV146_2	0.04	115.53	2.00	0.2000	UnderPanels	Barlow_BV147_2
Barlow_BV146_2_Pann	0.04	115.53	100.00	70.0000	Raingage1	Barlow_BV147_2
Barlow_BV147_1	0.02	51.83	2.00	0.2000	Raingage1	Barlow_BV148_1
Barlow_BV147_2	0.06	127.31	2.00	0.2000	Raingage1	Barlow_BV148_2
Barlow_BV148_1	0.02	45.78	2.00	0.2000	UnderPanels	Barlow_BV149_1
Barlow_BV148_1_Pann	0.02	45.78	100.00	70.0000	Raingage1	Barlow_BV149_1
Barlow_BV148_2	0.04	117.98	2.00	0.2000	UnderPanels	Barlow_BV149_2
Barlow_BV148_2_Pann	0.04	117.98	100.00	70.0000	Raingage1	Barlow_BV149_2
Barlow_BV149_1	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV150_1
Barlow_BV149_2	0.06	133.98	2.00	0.2000	Raingage1	Barlow_BV150_2
Barlow_BV15_1	0.06	137.20	2.00	0.2000	Raingage1	Barlow_BV16_1

Barlow_BV15_2	0.01	30.97	2.00	0.2000	Raingage1	Barlow_BV16_2
Barlow_BV15_3	0.33	65.00	2.00	0.2000	Raingage1	Barlow_BV239_2
Barlow_BV150_1	0.02	43.87	2.00	0.2000	UnderPanels	Barlow_BV151_1
Barlow_BV150_1_Pann	0.02	43.87	100.00	70.0000	Raingage1	Barlow_BV151_1
Barlow_BV150_2	0.05	134.88	2.00	0.2000	UnderPanels	Barlow_BV151_2
Barlow_BV150_2_Pann	0.05	134.88	100.00	70.0000	Raingage1	Barlow_BV151_2
Barlow_BV151_1	0.02	41.94	2.00	0.2000	Raingage1	Barlow_BV152_1
Barlow_BV151_2	0.06	131.40	2.00	0.2000	Raingage1	Barlow_BV152_2
Barlow_BV152_1	0.02	41.96	2.00	0.2000	UnderPanels	Barlow_BV153_1
Barlow_BV152_1_Pann	0.02	41.96	100.00	70.0000	Raingage1	Barlow_BV153_1
Barlow_BV152_2	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV153_2
Barlow_BV152_2_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV153_2
Barlow_BV153_1	0.02	36.13	2.00	0.2000	Raingage1	Barlow_BV154_1
Barlow_BV153_2	0.06	133.98	2.00	0.2000	Raingage1	Barlow_BV154_2
Barlow_BV154_1	0.01	35.70	2.00	0.2000	UnderPanels	Barlow_BV155_1
Barlow_BV154_1_Pann	0.01	35.70	100.00	70.0000	Raingage1	Barlow_BV155_1
Barlow_BV154_2	0.05	146.32	2.00	0.2000	UnderPanels	Barlow_BV155_2
Barlow_BV154_2_Pann	0.05	146.32	100.00	70.0000	Raingage1	Barlow_BV155_2
Barlow_BV155_1	0.02	32.47	2.00	0.2000	Raingage1	Barlow_BV156_1
Barlow_BV155_2	0.07	140.22	2.00	0.2000	Raingage1	Barlow_BV156_2
Barlow_BV156_1	0.01	31.88	2.00	0.2000	UnderPanels	Barlow_BV157_1
Barlow_BV156_1_Pann	0.01	31.88	100.00	70.0000	Raingage1	Barlow_BV157_1
Barlow_BV156_2	0.06	153.68	2.00	0.2000	UnderPanels	Barlow_BV157_2
Barlow_BV156_2_Pann	0.06	153.68	100.00	70.0000	Raingage1	Barlow_BV157_2
Barlow_BV157_1	0.01	27.74	2.00	0.2000	Raingage1	Barlow_BV158_1
Barlow_BV157_2	0.07	145.16	2.00	0.2000	Raingage1	Barlow_BV158_2
Barlow_BV158_1	0.01	25.34	2.00	0.2000	UnderPanels	Barlow_BV159_1
Barlow_BV158_1_Pann	0.01	25.34	100.00	70.0000	Raingage1	Barlow_BV159_1
Barlow_BV158_2	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV159_2
Barlow_BV158_2_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV159_2
Barlow_BV159_1	0.01	20.43	2.00	0.2000	Raingage1	Barlow_J22
Barlow_BV159_2	0.07	146.24	2.00	0.2000	Raingage1	Barlow_BV160_2
Barlow_BV16_1	0.05	131.61	2.00	0.2000	UnderPanels	Barlow_BV17_1
Barlow_BV16_1_Pann	0.05	131.61	100.00	70.0000	Raingage1	Barlow_BV17_1
Barlow_BV16_2	0.01	29.97	2.00	0.2000	UnderPanels	Barlow_BV17_2
Barlow_BV16_2_Pann	0.01	29.97	100.00	70.0000	Raingage1	Barlow_BV17_2
Barlow_BV16_3	0.03	125.00	95.00	2.0000	Raingage1	Barlow_BV367
Barlow_BV16_4	0.03	125.00	95.00	2.0000	Raingage1	Barlow_J3
Barlow_BV16_5	0.06	130.00	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV16_7	0.06	225.37	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV16_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_BV374_2
Barlow_BV16_9	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J2
Barlow_BV160_1	0.01	15.26	2.00	0.2000	UnderPanels	Barlow_BV161_1
Barlow_BV160_1_Pann	0.01	15.26	100.00	70.0000	Raingage1	Barlow_BV161_1
Barlow_BV160_2	0.05	147.41	2.00	0.2000	UnderPanels	Barlow_BV161_2

Barlow_BV160_2_Pann	0.05	147.41	100.00	70.0000	Raingage1	Barlow_BV161_2
Barlow_BV161_1	0.01	13.12	2.00	0.2000	Raingage1	Barlow_BV162_1
Barlow_BV161_2	0.06	137.85	2.00	0.2000	Raingage1	Barlow_BV10_8
Barlow_BV162_1	0.00	11.44	2.00	0.2000	UnderPanels	Barlow_BV163_1
Barlow_BV162_1_Pann	0.00	11.44	100.00	70.0000	Raingage1	Barlow_BV163_1
Barlow_BV162_2	0.05	131.34	2.00	0.2000	UnderPanels	Barlow_BV163_2
Barlow_BV162_2_Pann	0.05	131.34	100.00	70.0000	Raingage1	Barlow_BV163_2
Barlow_BV163_1	0.00	10.11	2.00	0.2000	Raingage1	Barlow_BV164_1
Barlow_BV163_2	0.06	125.59	2.00	0.2000	Raingage1	Barlow_BV164_2
Barlow_BV164_1	0.00	7.63	2.00	0.2000	UnderPanels	Barlow_BV165_1
Barlow_BV164_1_Pann	0.00	7.63	100.00	70.0000	Raingage1	Barlow_BV165_1
Barlow_BV164_2	0.04	107.90	2.00	0.2000	UnderPanels	Barlow_BV165_2
Barlow_BV164_2_Pann	0.04	107.90	100.00	70.0000	Raingage1	Barlow_BV165_2
Barlow_BV165_1	0.00	6.24	2.00	0.2000	Raingage1	Barlow_BV166_1
Barlow_BV165_2	0.05	115.91	2.00	0.2000	Raingage1	Barlow_BV166_2
Barlow_BV166_1	0.00	4.36	2.00	0.2000	UnderPanels	Barlow_BV167_1
Barlow_BV166_1_Pann	0.00	4.36	100.00	70.0000	Raingage1	Barlow_BV167_1
Barlow_BV166_2	0.03	94.00	2.00	0.2000	UnderPanels	Barlow_BV167_2
Barlow_BV166_2_Pann	0.03	94.00	100.00	70.0000	Raingage1	Barlow_BV167_2
Barlow_BV167_1	0.00	2.58	2.00	0.2000	Raingage1	Barlow_J6
Barlow_BV167_2	0.05	100.43	2.00	0.2000	Raingage1	Barlow_BV168
Barlow_BV168	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV169
Barlow_BV168_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV169
Barlow_BV169	0.04	83.23	2.00	0.2000	Raingage1	Barlow_BV170
Barlow_BV17_1	0.06	121.51	2.00	0.2000	Raingage1	Barlow_BV19_1
Barlow_BV17_2	0.01	27.74	2.00	0.2000	Raingage1	Barlow_BV19_3
Barlow_BV17_3	0.05	200.00	95.00	2.0000	Raingage1	Barlow_J22
Barlow_BV17_4	0.02	80.00	95.00	2.0000	Raingage1	Barlow_BV10_6
Barlow_BV17_5	0.05	190.00	95.00	2.0000	Raingage1	Barlow_J23
Barlow_BV170	0.02	65.39	2.00	0.2000	UnderPanels	Barlow_BV171
Barlow_BV170_Pann	0.02	65.39	100.00	70.0000	Raingage1	Barlow_BV171
Barlow_BV171	0.03	66.67	2.00	0.2000	Raingage1	Barlow_BV172
Barlow_BV172	0.02	49.32	2.00	0.2000	UnderPanels	Barlow_BV173
Barlow_BV172_Pann	0.02	49.32	100.00	70.0000	Raingage1	Barlow_BV173
Barlow_BV173	0.02	44.95	2.00	0.2000	Raingage1	Barlow_BV174
Barlow_BV174	0.01	34.06	2.00	0.2000	UnderPanels	Barlow_BV10_7
Barlow_BV174_Pann	0.01	34.06	100.00	70.0000	Raingage1	Barlow_J6
Barlow_BV175	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_BV176
Barlow_BV175_10	0.33	60.00	2.00	0.2000	Raingage1	Barlow_BV175_64
Barlow_BV175_126	0.09	40.00	2.00	0.2000	Raingage1	Barlow_BV45_2
Barlow_BV175_14	0.17	25.00	2.00	0.2000	Raingage1	Barlow_J23
Barlow_BV175_190	1.32	35.00	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV175_2	0.07	141.29	2.00	0.2000	Raingage1	Barlow_BV5_1
Barlow_BV175_31	0.07	25.00	2.00	0.2000	Raingage1	Barlow_BV50_1
Barlow_BV175_34	0.06	122.15	2.00	0.2000	Raingage1	Barlow_BV8

Barlow_BV175_36	0.06	134.84	2.00	0.2000	Raingage1	Barlow_BV7_1
Barlow_BV175_62	0.05	104.73	2.00	0.2000	Raingage1	Barlow_BV10_1
Barlow_BV175_63	0.06	123.87	2.00	0.2000	Raingage1	Barlow_BV5_2
Barlow_BV175_64	0.04	87.10	2.00	0.2000	Raingage1	Barlow_BV4
Barlow_BV175_65	0.03	61.72	2.00	0.2000	Raingage1	Barlow_BV3
Barlow_BV175_66	0.02	43.66	2.00	0.2000	Raingage1	Barlow_BV2
Barlow_BV175_67	0.07	145.16	2.00	0.2000	Raingage1	Barlow_BV6
Barlow_BV175_68	0.07	140.86	2.00	0.2000	Raingage1	Barlow_BV7_2
Barlow_BV175_69	0.05	114.62	2.00	0.2000	Raingage1	Barlow_BV10_2
Barlow_BV175_70	0.06	124.95	2.00	0.2000	Raingage1	Barlow_BV9
Barlow_BV175_78	0.03	62.37	2.00	0.2000	Raingage1	Barlow_BV22_1
Barlow_BV175_79	0.02	44.09	2.00	0.2000	Raingage1	Barlow_BV23_1
Barlow_BV175_80	0.01	26.45	2.00	0.2000	Raingage1	Barlow_BV23_2
Barlow_BV175_82	0.77	55.00	2.00	0.2000	Raingage1	Barlow_BV26_1
Barlow_BV175_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_BV176
Barlow_BV176	0.02	43.87	2.00	0.2000	Raingage1	Barlow_BV177
Barlow_BV177	0.02	55.04	2.00	0.2000	UnderPanels	Barlow_BV178
Barlow_BV177_Pann	0.02	55.04	100.00	70.0000	Raingage1	Barlow_BV178
Barlow_BV178	0.03	71.18	2.00	0.2000	Raingage1	Barlow_BV179
Barlow_BV179	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV180_1
Barlow_BV179_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV180_1
Barlow_BV18_1	0.53	105.00	2.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV18_2	0.03	85.01	2.00	0.2000	UnderPanels	Barlow_BV379_1
Barlow_BV18_2_Pann	0.03	85.01	100.00	70.0000	Raingage1	Barlow_BV379_1
Barlow_BV18_3	0.01	21.53	2.00	0.2000	UnderPanels	Barlow_BV379_2
Barlow_BV18_3_Pann	0.01	21.53	100.00	70.0000	Raingage1	Barlow_BV379_2
Barlow_BV180_1	0.05	96.99	2.00	0.2000	Raingage1	Barlow_BV181_1
Barlow_BV181_1	0.04	100.82	2.00	0.2000	UnderPanels	Barlow_BV182_1
Barlow_BV181_1_Pann	0.04	100.82	100.00	70.0000	Raingage1	Barlow_BV182_1
Barlow_BV181_2	0.00	6.27	2.00	0.2000	UnderPanels	Barlow_BV182_2
Barlow_BV181_2_Pann	0.00	6.27	100.00	70.0000	Raingage1	Barlow_BV182_2
Barlow_BV182_1	0.05	103.01	2.00	0.2000	Raingage1	Barlow_BV183_1
Barlow_BV182_2	0.01	13.33	2.00	0.2000	Raingage1	Barlow_BV183_2
Barlow_BV183_1	0.04	106.00	2.00	0.2000	UnderPanels	Barlow_BV184_1
Barlow_BV183_1_Pann	0.04	106.00	100.00	70.0000	Raingage1	Barlow_BV184_1
Barlow_BV183_2	0.01	20.16	2.00	0.2000	UnderPanels	Barlow_BV184_2
Barlow_BV183_2_Pann	0.01	20.16	100.00	70.0000	Raingage1	Barlow_BV184_2
Barlow_BV184_1	0.05	99.78	2.00	0.2000	Raingage1	Barlow_BV185_1
Barlow_BV184_2	0.01	26.88	2.00	0.2000	Raingage1	Barlow_BV185_2
Barlow_BV185_1	0.04	111.99	2.00	0.2000	UnderPanels	Barlow_BV186_1
Barlow_BV185_1_Pann	0.04	111.99	100.00	70.0000	Raingage1	Barlow_BV186_1
Barlow_BV185_2	0.01	35.97	2.00	0.2000	UnderPanels	Barlow_BV186_2
Barlow_BV185_2_Pann	0.01	35.97	100.00	70.0000	Raingage1	Barlow_BV186_2
Barlow_BV186_1	0.05	109.46	2.00	0.2000	Raingage1	Barlow_BV187_1
Barlow_BV186_2	0.02	41.08	2.00	0.2000	Raingage1	Barlow_BV187_2

Barlow_BV187_1	0.04	114.17	2.00	0.2000	UnderPanels	Barlow_BV188_1
Barlow_BV187_1_Pann	0.04	114.17	100.00	70.0000	Raingage1	Barlow_BV188_1
Barlow_BV187_2	0.02	49.05	2.00	0.2000	UnderPanels	Barlow_BV188_2
Barlow_BV187_2_Pann	0.02	49.05	100.00	70.0000	Raingage1	Barlow_BV188_2
Barlow_BV188_1	0.05	109.68	2.00	0.2000	Raingage1	Barlow_BV189_1
Barlow_BV188_2	0.03	56.13	2.00	0.2000	Raingage1	Barlow_BV189_2
Barlow_BV189_1	0.04	116.62	2.00	0.2000	UnderPanels	Barlow_BV190_1
Barlow_BV189_1_Pann	0.04	116.62	100.00	70.0000	Raingage1	Barlow_BV190_1
Barlow_BV189_2	0.02	61.58	2.00	0.2000	UnderPanels	Barlow_BV190_2
Barlow_BV189_2_Pann	0.02	61.58	100.00	70.0000	Raingage1	Barlow_BV190_2
Barlow_BV19_1	0.04	114.44	2.00	0.2000	UnderPanels	Barlow_BV21_1
Barlow_BV19_1_Pann	0.04	114.44	100.00	70.0000	Raingage1	Barlow_BV21_1
Barlow_BV19_3	0.01	27.52	2.00	0.2000	UnderPanels	Barlow_BV21_2
Barlow_BV19_3_Pann	0.01	27.52	100.00	70.0000	Raingage1	Barlow_BV21_2
Barlow_BV190_1	0.05	115.48	2.00	0.2000	Raingage1	Barlow_BV191_1
Barlow_BV190_2	0.03	61.72	2.00	0.2000	Raingage1	Barlow_BV191_2
Barlow_BV191_1	0.04	115.26	2.00	0.2000	UnderPanels	Barlow_BV192_1
Barlow_BV191_1_Pann	0.04	115.26	100.00	70.0000	Raingage1	Barlow_BV192_1
Barlow_BV191_2	0.02	59.13	2.00	0.2000	UnderPanels	Barlow_BV192_2
Barlow_BV191_2_Pann	0.02	59.13	100.00	70.0000	Raingage1	Barlow_BV192_2
Barlow_BV192_1	0.06	123.87	2.00	0.2000	Raingage1	Barlow_BV193_1
Barlow_BV192_2	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV193_2
Barlow_BV193_1	0.04	117.17	2.00	0.2000	UnderPanels	Barlow_BV194_1
Barlow_BV193_1_Pann	0.04	117.17	100.00	70.0000	Raingage1	Barlow_BV194_1
Barlow_BV193_2	0.02	53.68	2.00	0.2000	UnderPanels	Barlow_BV194_2
Barlow_BV193_2_Pann	0.02	53.68	100.00	70.0000	Raingage1	Barlow_BV194_2
Barlow_BV194_1	0.06	125.16	2.00	0.2000	Raingage1	Barlow_BV195_1
Barlow_BV194_2	0.03	54.84	2.00	0.2000	Raingage1	Barlow_BV195_2
Barlow_BV195_1	0.05	125.61	2.00	0.2000	UnderPanels	Barlow_BV196_1
Barlow_BV195_1_Pann	0.05	125.61	100.00	70.0000	Raingage1	Barlow_BV196_1
Barlow_BV195_2	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV196_2
Barlow_BV195_2_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV196_2
Barlow_BV196_1	0.06	126.02	2.00	0.2000	Raingage1	Barlow_BV197_1
Barlow_BV196_2	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV197_2
Barlow_BV197_1	0.05	127.25	2.00	0.2000	UnderPanels	Barlow_BV198_1
Barlow_BV197_1_Pann	0.05	127.25	100.00	70.0000	Raingage1	Barlow_BV198_1
Barlow_BV197_2	0.02	47.14	2.00	0.2000	UnderPanels	Barlow_BV198_2
Barlow_BV197_2_Pann	0.02	47.14	100.00	70.0000	Raingage1	Barlow_BV198_2
Barlow_BV198_1	0.06	133.76	2.00	0.2000	Raingage1	Barlow_BV199_1
Barlow_BV198_2	0.02	48.82	2.00	0.2000	Raingage1	Barlow_BV199_2
Barlow_BV199_1	0.05	125.34	2.00	0.2000	UnderPanels	Barlow_BV200_1
Barlow_BV199_1_Pann	0.05	125.34	100.00	70.0000	Raingage1	Barlow_BV200_1
Barlow_BV199_2	0.02	41.96	2.00	0.2000	UnderPanels	Barlow_BV200_2
Barlow_BV199_2_Pann	0.02	41.96	100.00	70.0000	Raingage1	Barlow_BV200_2
Barlow_BV2	0.02	53.13	2.00	0.2000	UnderPanels	Barlow_BV175_65

Barlow_BV2_Pann	0.02	53.13	100.00	70.0000	Raingage1	Barlow_BV175_65
Barlow_BV200_1	0.06	137.85	2.00	0.2000	Raingage1	Barlow_BV201_1
Barlow_BV200_2	0.02	43.44	2.00	0.2000	Raingage1	Barlow_BV201_2
Barlow_BV201_1	0.05	130.79	2.00	0.2000	UnderPanels	Barlow_BV202_1
Barlow_BV201_1_Pann	0.05	130.79	100.00	70.0000	Raingage1	Barlow_BV202_1
Barlow_BV201_2	0.02	42.23	2.00	0.2000	UnderPanels	Barlow_BV202_2
Barlow_BV201_2_Pann	0.02	42.23	100.00	70.0000	Raingage1	Barlow_BV202_2
Barlow_BV202_1	0.06	137.63	2.00	0.2000	Raingage1	Barlow_BV203_1
Barlow_BV202_2	0.02	40.65	2.00	0.2000	Raingage1	Barlow_BV203_2
Barlow_BV203_1	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV204_1
Barlow_BV203_1_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV204_1
Barlow_BV203_2	0.01	40.05	2.00	0.2000	UnderPanels	Barlow_BV204_2
Barlow_BV203_2_Pann	0.01	40.05	100.00	70.0000	Raingage1	Barlow_BV204_2
Barlow_BV204_1	0.06	134.19	2.00	0.2000	Raingage1	Barlow_BV205_1
Barlow_BV204_2	0.02	33.98	2.00	0.2000	Raingage1	Barlow_BV205_2
Barlow_BV205_1	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV206_1
Barlow_BV205_1_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV206_1
Barlow_BV205_2	0.01	36.78	2.00	0.2000	UnderPanels	Barlow_BV206_2
Barlow_BV205_2_Pann	0.01	36.78	100.00	70.0000	Raingage1	Barlow_BV206_2
Barlow_BV206_1	0.06	137.63	2.00	0.2000	Raingage1	Barlow_BV207_1
Barlow_BV206_2	0.01	30.75	2.00	0.2000	Raingage1	Barlow_J19
Barlow_BV207_1	0.05	149.05	2.00	0.2000	UnderPanels	Barlow_BV208_1
Barlow_BV207_1_Pann	0.05	149.05	100.00	70.0000	Raingage1	Barlow_BV208_1
Barlow_BV207_2	0.01	32.15	2.00	0.2000	UnderPanels	Barlow_BV208_2
Barlow_BV207_2_Pann	0.01	32.15	100.00	70.0000	Raingage1	Barlow_BV208_2
Barlow_BV208_1	0.07	146.67	2.00	0.2000	Raingage1	Barlow_BV209_1
Barlow_BV208_2	0.01	29.03	2.00	0.2000	Raingage1	Barlow_BV209_2
Barlow_BV209_1	0.06	150.41	2.00	0.2000	UnderPanels	Barlow_BV210_1
Barlow_BV209_1_Pann	0.06	150.41	100.00	70.0000	Raingage1	Barlow_BV210_1
Barlow_BV209_2	0.01	27.52	2.00	0.2000	UnderPanels	Barlow_BV210_2
Barlow_BV209_2_Pann	0.01	27.52	100.00	70.0000	Raingage1	Barlow_BV210_2
Barlow_BV21_1	0.05	106.67	2.00	0.2000	Raingage1	Barlow_BV214_1
Barlow_BV21_2	0.01	24.95	2.00	0.2000	Raingage1	Barlow_BV214_2
Barlow_BV210_1	0.07	159.35	2.00	0.2000	Raingage1	Barlow_BV211_1
Barlow_BV210_2	0.01	26.24	2.00	0.2000	Raingage1	Barlow_BV211_2
Barlow_BV211_1	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV212_1
Barlow_BV211_1_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV212_1
Barlow_BV211_2	0.01	23.98	2.00	0.2000	UnderPanels	Barlow_BV212_2
Barlow_BV211_2_Pann	0.01	23.98	100.00	70.0000	Raingage1	Barlow_BV212_2
Barlow_BV212_1	0.07	152.04	2.00	0.2000	Raingage1	Barlow_BV213_1
Barlow_BV212_2	0.01	21.29	2.00	0.2000	Raingage1	Barlow_BV213_2
Barlow_BV213_1	0.06	162.67	2.00	0.2000	UnderPanels	Barlow_BV214_1
Barlow_BV213_1_Pann	0.06	162.67	100.00	70.0000	Raingage1	Barlow_BV214_1
Barlow_BV213_2	0.01	21.53	2.00	0.2000	UnderPanels	Barlow_BV214_2
Barlow_BV213_2_Pann	0.01	21.53	100.00	70.0000	Raingage1	Barlow_BV214_2

Barlow_BV214_1	0.07	154.84	2.00	0.2000	Raingage1	Barlow_BV215_1
Barlow_BV214_2	0.01	18.28	2.00	0.2000	Raingage1	Barlow_BV215_2
Barlow_BV215_1	0.06	161.85	2.00	0.2000	UnderPanels	Barlow_BV216_1
Barlow_BV215_1_Pann	0.06	161.85	100.00	70.0000	Raingage1	Barlow_BV216_1
Barlow_BV215_2	0.01	16.35	2.00	0.2000	UnderPanels	Barlow_BV216_2
Barlow_BV215_2_Pann	0.01	16.35	100.00	70.0000	Raingage1	Barlow_BV216_2
Barlow_BV216_1	0.07	158.50	2.00	0.2000	Raingage1	Barlow_BV217_1
Barlow_BV216_2	0.01	14.84	2.00	0.2000	Raingage1	Barlow_BV217_2
Barlow_BV217_1	0.06	167.85	2.00	0.2000	UnderPanels	Barlow_BV218
Barlow_BV217_1_Pann	0.06	167.85	100.00	70.0000	Raingage1	Barlow_BV218
Barlow_BV217_2	0.00	13.35	2.00	0.2000	UnderPanels	Barlow_J14
Barlow_BV217_2_Pann	0.00	13.35	100.00	70.0000	Raingage1	Barlow_J14
Barlow_BV218	0.08	180.86	2.00	0.2000	Raingage1	Barlow_BV219
Barlow_BV219	0.06	174.66	2.00	0.2000	UnderPanels	Barlow_BV372
Barlow_BV219_Pann	0.06	174.66	100.00	70.0000	Raingage1	Barlow_BV372
Barlow_BV22_1	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV175_79
Barlow_BV22_1_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV175_79
Barlow_BV220	0.01	34.06	2.00	0.2000	UnderPanels	Barlow_BV221
Barlow_BV220_Pann	0.01	34.06	100.00	70.0000	Raingage1	Barlow_BV221
Barlow_BV221	0.02	44.73	2.00	0.2000	Raingage1	Barlow_BV222
Barlow_BV222	0.02	55.04	2.00	0.2000	UnderPanels	Barlow_BV223
Barlow_BV222_Pann	0.02	55.04	100.00	70.0000	Raingage1	Barlow_BV223
Barlow_BV223	0.02	53.33	2.00	0.2000	Raingage1	Barlow_BV224
Barlow_BV224	0.02	51.77	2.00	0.2000	UnderPanels	Barlow_BV225
Barlow_BV224_Pann	0.02	51.77	100.00	70.0000	Raingage1	Barlow_BV225
Barlow_BV225	0.03	63.87	2.00	0.2000	Raingage1	Barlow_BV226
Barlow_BV226	0.03	70.30	2.00	0.2000	UnderPanels	Barlow_BV227
Barlow_BV226_Pann	0.03	70.30	100.00	70.0000	Raingage1	Barlow_BV227
Barlow_BV227	0.04	84.95	2.00	0.2000	Raingage1	Barlow_BV228
Barlow_BV228	0.03	80.93	2.00	0.2000	UnderPanels	Barlow_BV229
Barlow_BV228_Pann	0.03	80.93	100.00	70.0000	Raingage1	Barlow_BV229
Barlow_BV229	0.05	101.72	2.00	0.2000	Raingage1	Barlow_BV230
Barlow_BV23_1	0.01	35.15	2.00	0.2000	UnderPanels	Barlow_BV175_80
Barlow_BV23_1_Pann	0.01	35.15	100.00	70.0000	Raingage1	Barlow_BV175_80
Barlow_BV23_2	0.01	17.98	2.00	0.2000	UnderPanels	Barlow_BV13_1
Barlow_BV23_2_Pann	0.01	17.98	100.00	70.0000	Raingage1	Barlow_J2
Barlow_BV230	0.04	103.82	2.00	0.2000	UnderPanels	Barlow_BV231
Barlow_BV230_Pann	0.04	103.82	100.00	70.0000	Raingage1	Barlow_BV231
Barlow_BV231	0.05	109.68	2.00	0.2000	Raingage1	Barlow_BV232
Barlow_BV232	0.04	105.72	2.00	0.2000	UnderPanels	Barlow_BV233_1
Barlow_BV232_Pann	0.04	105.72	100.00	70.0000	Raingage1	Barlow_BV233_1
Barlow_BV233_1	0.05	113.98	2.00	0.2000	Raingage1	Barlow_BV234_1
Barlow_BV234_1	0.04	111.17	2.00	0.2000	UnderPanels	Barlow_BV235_1
Barlow_BV234_1_Pann	0.04	111.17	100.00	70.0000	Raingage1	Barlow_BV235_1
Barlow_BV234_2	0.00	7.36	2.00	0.2000	UnderPanels	Barlow_BV235_2

Barlow_BV234_2_Pann	0.00	7.36	100.00	70.0000	Raingage1	Barlow_BV235_2
Barlow_BV235_1	0.06	118.28	2.00	0.2000	Raingage1	Barlow_BV236_1
Barlow_BV235_2	0.01	16.13	2.00	0.2000	Raingage1	Barlow_BV236_2
Barlow_BV236_1	0.04	117.17	2.00	0.2000	UnderPanels	Barlow_BV237_1
Barlow_BV236_1_Pann	0.04	117.17	100.00	70.0000	Raingage1	Barlow_BV237_1
Barlow_BV236_2	0.01	23.98	2.00	0.2000	UnderPanels	Barlow_BV237_2
Barlow_BV236_2_Pann	0.01	23.98	100.00	70.0000	Raingage1	Barlow_BV237_2
Barlow_BV237_1	0.06	120.65	2.00	0.2000	Raingage1	Barlow_BV238_1
Barlow_BV237_2	0.01	31.18	2.00	0.2000	Raingage1	Barlow_BV238_2
Barlow_BV238_1	0.04	120.44	2.00	0.2000	UnderPanels	Barlow_BV239_1
Barlow_BV238_1_Pann	0.04	120.44	100.00	70.0000	Raingage1	Barlow_BV239_1
Barlow_BV238_2	0.01	38.15	2.00	0.2000	UnderPanels	Barlow_BV239_2
Barlow_BV238_2_Pann	0.01	38.15	100.00	70.0000	Raingage1	Barlow_BV239_2
Barlow_BV239_1	0.06	122.15	2.00	0.2000	Raingage1	Barlow_BV240_1
Barlow_BV239_2	0.02	48.17	2.00	0.2000	Raingage1	Barlow_BV240_2
Barlow_BV24_1	0.04	101.64	2.00	0.2000	UnderPanels	Barlow_BV25_1
Barlow_BV24_1_Pann	0.04	101.64	100.00	70.0000	Raingage1	Barlow_BV25_1
Barlow_BV24_2	0.01	26.43	2.00	0.2000	UnderPanels	Barlow_BV25_2
Barlow_BV24_2_Pann	0.01	26.43	100.00	70.0000	Raingage1	Barlow_BV25_2
Barlow_BV240_1	0.04	115.80	2.00	0.2000	UnderPanels	Barlow_BV241_1
Barlow_BV240_1_Pann	0.04	115.80	100.00	70.0000	Raingage1	Barlow_BV241_1
Barlow_BV240_2	0.02	53.41	2.00	0.2000	UnderPanels	Barlow_BV241_2
Barlow_BV240_2_Pann	0.02	53.41	100.00	70.0000	Raingage1	Barlow_BV241_2
Barlow_BV241_1	0.05	117.63	2.00	0.2000	Raingage1	Barlow_BV242_1
Barlow_BV241_2	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV242_2
Barlow_BV242_1	0.04	103.27	2.00	0.2000	UnderPanels	Barlow_BV243_1
Barlow_BV242_1_Pann	0.04	103.27	100.00	70.0000	Raingage1	Barlow_BV243_1
Barlow_BV242_2	0.03	69.48	2.00	0.2000	UnderPanels	Barlow_BV243_2
Barlow_BV242_2_Pann	0.03	69.48	100.00	70.0000	Raingage1	Barlow_BV243_2
Barlow_BV243_1	0.05	115.48	2.00	0.2000	Raingage1	Barlow_BV244_1
Barlow_BV243_2	0.03	75.05	2.00	0.2000	Raingage1	Barlow_BV244_2
Barlow_BV244_1	0.04	116.89	2.00	0.2000	UnderPanels	Barlow_BV245_1
Barlow_BV244_1_Pann	0.04	116.89	100.00	70.0000	Raingage1	Barlow_BV245_1
Barlow_BV244_2	0.03	76.84	2.00	0.2000	UnderPanels	Barlow_BV245_2
Barlow_BV244_2_Pann	0.03	76.84	100.00	70.0000	Raingage1	Barlow_BV245_2
Barlow_BV245_1	0.05	112.26	2.00	0.2000	Raingage1	Barlow_BV246_1
Barlow_BV245_2	0.04	78.71	2.00	0.2000	Raingage1	Barlow_BV246_2
Barlow_BV246_1	0.03	93.73	2.00	0.2000	UnderPanels	Barlow_BV247_1
Barlow_BV246_1_Pann	0.03	93.73	100.00	70.0000	Raingage1	Barlow_BV247_1
Barlow_BV246_2	0.03	71.94	2.00	0.2000	UnderPanels	Barlow_BV247_2
Barlow_BV246_2_Pann	0.03	71.94	100.00	70.0000	Raingage1	Barlow_BV247_2
Barlow_BV247_1	0.05	109.25	2.00	0.2000	Raingage1	Barlow_BV248_1
Barlow_BV247_2	0.03	74.19	2.00	0.2000	Raingage1	Barlow_BV248_2
Barlow_BV248_1	0.04	104.09	2.00	0.2000	UnderPanels	Barlow_BV249_1
Barlow_BV248_1_Pann	0.04	104.09	100.00	70.0000	Raingage1	Barlow_BV249_1

Barlow_BV248_2	0.03	72.21	2.00	0.2000	UnderPanels	Barlow_BV249_2
Barlow_BV248_2_Pann	0.03	72.21	100.00	70.0000	Raingage1	Barlow_BV249_2
Barlow_BV249_1	0.05	104.95	2.00	0.2000	Raingage1	Barlow_BV250_1
Barlow_BV249_2	0.03	70.11	2.00	0.2000	Raingage1	Barlow_BV250_2
Barlow_BV25_1	0.04	92.47	2.00	0.2000	Raingage1	Barlow_BV18_2
Barlow_BV25_2	0.01	23.44	2.00	0.2000	Raingage1	Barlow_BV18_3
Barlow_BV250_1	0.04	116.08	2.00	0.2000	UnderPanels	Barlow_BV251_1
Barlow_BV250_1_Pann	0.04	116.08	100.00	70.0000	Raingage1	Barlow_BV251_1
Barlow_BV250_2	0.03	73.57	2.00	0.2000	UnderPanels	Barlow_BV251_2
Barlow_BV250_2_Pann	0.03	73.57	100.00	70.0000	Raingage1	Barlow_BV251_2
Barlow_BV251_1	0.05	106.67	2.00	0.2000	Raingage1	Barlow_BV252_1
Barlow_BV251_2	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV252_2
Barlow_BV252_1	0.04	113.62	2.00	0.2000	UnderPanels	Barlow_BV253_1
Barlow_BV252_1_Pann	0.04	113.62	100.00	70.0000	Raingage1	Barlow_BV253_1
Barlow_BV252_2	0.02	66.21	2.00	0.2000	UnderPanels	Barlow_BV253_2
Barlow_BV252_2_Pann	0.02	66.21	100.00	70.0000	Raingage1	Barlow_BV253_2
Barlow_BV253_1	0.05	102.58	2.00	0.2000	Raingage1	Barlow_BV254_1
Barlow_BV253_2	0.03	61.29	2.00	0.2000	Raingage1	Barlow_BV254_2
Barlow_BV254_1	0.04	97.55	2.00	0.2000	UnderPanels	Barlow_BV255_1
Barlow_BV254_1_Pann	0.04	97.55	100.00	70.0000	Raingage1	Barlow_BV255_1
Barlow_BV254_2	0.02	60.76	2.00	0.2000	UnderPanels	Barlow_BV255_2
Barlow_BV254_2_Pann	0.02	60.76	100.00	70.0000	Raingage1	Barlow_BV255_2
Barlow_BV255_1	0.04	94.62	2.00	0.2000	Raingage1	Barlow_BV256_1
Barlow_BV255_2	0.03	57.85	2.00	0.2000	Raingage1	Barlow_BV256_2
Barlow_BV256_1	0.04	102.18	2.00	0.2000	UnderPanels	Barlow_BV257_1
Barlow_BV256_1_Pann	0.04	102.18	100.00	70.0000	Raingage1	Barlow_BV257_1
Barlow_BV256_2	0.02	59.95	2.00	0.2000	UnderPanels	Barlow_BV257_2
Barlow_BV256_2_Pann	0.02	59.95	100.00	70.0000	Raingage1	Barlow_BV257_2
Barlow_BV257_1	0.05	103.01	2.00	0.2000	Raingage1	Barlow_BV258_1
Barlow_BV257_2	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV258_2
Barlow_BV258_1	0.04	109.26	2.00	0.2000	UnderPanels	Barlow_BV259_1
Barlow_BV258_1_Pann	0.04	109.26	100.00	70.0000	Raingage1	Barlow_BV259_1
Barlow_BV258_2	0.02	57.22	2.00	0.2000	UnderPanels	Barlow_BV259_2
Barlow_BV258_2_Pann	0.02	57.22	100.00	70.0000	Raingage1	Barlow_BV259_2
Barlow_BV259_1	0.04	92.69	2.00	0.2000	Raingage1	Barlow_BV260_1
Barlow_BV259_2	0.02	51.83	2.00	0.2000	Raingage1	Barlow_BV260_2
Barlow_BV26_1	0.09	183.01	2.00	0.2000	Raingage1	Barlow_BV5_3
Barlow_BV26_2	0.02	41.72	2.00	0.2000	Raingage1	Barlow_BV5_4
Barlow_BV260_1	0.03	88.01	2.00	0.2000	UnderPanels	Barlow_BV261_1
Barlow_BV260_1_Pann	0.03	88.01	100.00	70.0000	Raingage1	Barlow_BV261_1
Barlow_BV260_2	0.02	52.59	2.00	0.2000	UnderPanels	Barlow_BV261_2
Barlow_BV260_2_Pann	0.02	52.59	100.00	70.0000	Raingage1	Barlow_BV261_2
Barlow_BV261_1	0.04	95.27	2.00	0.2000	Raingage1	Barlow_BV262_1
Barlow_BV261_2	0.03	53.98	2.00	0.2000	Raingage1	Barlow_J31
Barlow_BV262_1	0.03	85.56	2.00	0.2000	UnderPanels	Barlow_BV263_1

Barlow_BV262_1_Pann	0.03	85.56	100.00	70.0000	Raingage1	Barlow_BV263_1
Barlow_BV262_2	0.02	45.23	2.00	0.2000	UnderPanels	Barlow_BV263_2
Barlow_BV262_2_Pann	0.02	45.23	100.00	70.0000	Raingage1	Barlow_BV263_2
Barlow_BV263_1	0.05	97.85	2.00	0.2000	Raingage1	Barlow_BV264_1
Barlow_BV263_2	0.02	47.10	2.00	0.2000	Raingage1	Barlow_BV264_2
Barlow_BV264_1	0.04	95.91	2.00	0.2000	UnderPanels	Barlow_BV265_1
Barlow_BV264_1_Pann	0.04	95.91	100.00	70.0000	Raingage1	Barlow_BV265_1
Barlow_BV264_2	0.02	47.14	2.00	0.2000	UnderPanels	Barlow_BV265_2
Barlow_BV264_2_Pann	0.02	47.14	100.00	70.0000	Raingage1	Barlow_BV265_2
Barlow_BV265_1	0.05	98.71	2.00	0.2000	Raingage1	Barlow_BV266_1
Barlow_BV265_2	0.02	45.38	2.00	0.2000	Raingage1	Barlow_BV266_2
Barlow_BV266_1	0.04	97.55	2.00	0.2000	UnderPanels	Barlow_BV267_1
Barlow_BV266_1_Pann	0.04	97.55	100.00	70.0000	Raingage1	Barlow_BV267_1
Barlow_BV266_2	0.02	41.14	2.00	0.2000	UnderPanels	Barlow_BV267_2
Barlow_BV266_2_Pann	0.02	41.14	100.00	70.0000	Raingage1	Barlow_BV267_2
Barlow_BV267_1	0.04	92.26	2.00	0.2000	Raingage1	Barlow_BV268_1
Barlow_BV267_2	0.02	41.08	2.00	0.2000	Raingage1	Barlow_BV268_2
Barlow_BV268_1	0.03	84.20	2.00	0.2000	UnderPanels	Barlow_BV269_1
Barlow_BV268_1_Pann	0.03	84.20	100.00	70.0000	Raingage1	Barlow_BV269_1
Barlow_BV268_2	0.01	39.24	2.00	0.2000	UnderPanels	Barlow_BV269_2
Barlow_BV268_2_Pann	0.01	39.24	100.00	70.0000	Raingage1	Barlow_BV269_2
Barlow_BV269_1	0.04	86.67	2.00	0.2000	Raingage1	Barlow_BV270_1
Barlow_BV269_2	0.02	37.85	2.00	0.2000	Raingage1	Barlow_BV270_2
Barlow_BV27_1	0.02	63.76	2.00	0.2000	UnderPanels	Barlow_BV26_1
Barlow_BV27_1_Pann	0.02	63.76	100.00	70.0000	Raingage1	Barlow_BV26_1
Barlow_BV27_2	0.02	48.23	2.00	0.2000	UnderPanels	Barlow_BV26_2
Barlow_BV27_2_Pann	0.02	48.23	100.00	70.0000	Raingage1	Barlow_BV26_2
Barlow_BV270_1	0.03	86.38	2.00	0.2000	UnderPanels	Barlow_BV271_1
Barlow_BV270_1_Pann	0.03	86.38	100.00	70.0000	Raingage1	Barlow_BV271_1
Barlow_BV270_2	0.01	35.15	2.00	0.2000	UnderPanels	Barlow_BV271_2
Barlow_BV270_2_Pann	0.01	35.15	100.00	70.0000	Raingage1	Barlow_BV271_2
Barlow_BV271_1	0.04	90.75	2.00	0.2000	Raingage1	Barlow_BV272_1
Barlow_BV271_2	0.02	35.48	2.00	0.2000	Raingage1	Barlow_BV272_2
Barlow_BV272_1	0.03	87.74	2.00	0.2000	UnderPanels	Barlow_BV273_1
Barlow_BV272_1_Pann	0.03	87.74	100.00	70.0000	Raingage1	Barlow_BV273_1
Barlow_BV272_2	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_BV273_2
Barlow_BV272_2_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_BV273_2
Barlow_BV273_1	0.04	95.48	2.00	0.2000	Raingage1	Barlow_BV274_1
Barlow_BV273_2	0.01	32.26	2.00	0.2000	Raingage1	Barlow_BV274_2
Barlow_BV274_1	0.03	91.55	2.00	0.2000	UnderPanels	Barlow_BV275_1
Barlow_BV274_1_Pann	0.03	91.55	100.00	70.0000	Raingage1	Barlow_BV275_1
Barlow_BV274_2	0.01	29.16	2.00	0.2000	UnderPanels	Barlow_BV275_2
Barlow_BV274_2_Pann	0.01	29.16	100.00	70.0000	Raingage1	Barlow_BV275_2
Barlow_BV275_1	0.04	85.81	2.00	0.2000	Raingage1	Barlow_BV276_1
Barlow_BV275_2	0.01	28.39	2.00	0.2000	Raingage1	Barlow_BV276_2

Barlow_BV276_1	0.03	81.47	2.00	0.2000	UnderPanels	Barlow_BV277_1
Barlow_BV276_1_Pann	0.03	81.47	100.00	70.0000	Raingage1	Barlow_BV277_1
Barlow_BV276_2	0.01	26.16	2.00	0.2000	UnderPanels	Barlow_BV277_2
Barlow_BV276_2_Pann	0.01	26.16	100.00	70.0000	Raingage1	Barlow_BV277_2
Barlow_BV277_1	0.04	80.00	2.00	0.2000	Raingage1	Barlow_BV278_1
Barlow_BV277_2	0.01	24.09	2.00	0.2000	Raingage1	Barlow_BV278_2
Barlow_BV278_1	0.03	86.65	2.00	0.2000	UnderPanels	Barlow_BV279_1
Barlow_BV278_1_Pann	0.03	86.65	100.00	70.0000	Raingage1	Barlow_BV279_1
Barlow_BV278_2	0.01	24.25	2.00	0.2000	UnderPanels	Barlow_BV279_2
Barlow_BV278_2_Pann	0.01	24.25	100.00	70.0000	Raingage1	Barlow_BV279_2
Barlow_BV279_1	0.04	84.09	2.00	0.2000	Raingage1	Barlow_BV280_1
Barlow_BV279_2	0.01	21.29	2.00	0.2000	Raingage1	Barlow_BV280_2
Barlow_BV28_1	0.02	49.03	2.00	0.2000	Raingage1	Barlow_BV27_1
Barlow_BV28_2	0.02	42.80	2.00	0.2000	Raingage1	Barlow_BV27_2
Barlow_BV280_1	0.03	83.38	2.00	0.2000	UnderPanels	Barlow_BV281_1
Barlow_BV280_1_Pann	0.03	83.38	100.00	70.0000	Raingage1	Barlow_BV281_1
Barlow_BV280_2	0.01	18.80	2.00	0.2000	UnderPanels	Barlow_BV281_2
Barlow_BV280_2_Pann	0.01	18.80	100.00	70.0000	Raingage1	Barlow_BV281_2
Barlow_BV281_1	0.04	80.64	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV281_2	0.01	19.36	2.00	0.2000	Raingage1	Barlow_BV282_2
Barlow_BV282_1	0.03	73.03	2.00	0.2000	UnderPanels	Barlow_BV283_1
Barlow_BV282_1_Pann	0.03	73.03	100.00	70.0000	Raingage1	Barlow_BV283_1
Barlow_BV282_2	0.01	16.62	2.00	0.2000	UnderPanels	Barlow_BV283_2
Barlow_BV282_2_Pann	0.01	16.62	100.00	70.0000	Raingage1	Barlow_BV283_2
Barlow_BV283_1	0.03	63.23	2.00	0.2000	Raingage1	Barlow_BV284_1
Barlow_BV283_2	0.01	15.05	2.00	0.2000	Raingage1	Barlow_BV284_2
Barlow_BV284_1	0.02	58.86	2.00	0.2000	UnderPanels	Barlow_BV285_1
Barlow_BV284_1_Pann	0.02	58.86	100.00	70.0000	Raingage1	Barlow_BV285_1
Barlow_BV284_2	0.01	14.17	2.00	0.2000	UnderPanels	Barlow_BV285_2
Barlow_BV284_2_Pann	0.01	14.17	100.00	70.0000	Raingage1	Barlow_BV285_2
Barlow_BV285_1	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV286_1
Barlow_BV285_2	0.01	11.61	2.00	0.2000	Raingage1	Barlow_BV286_2
Barlow_BV286_1	0.02	58.58	2.00	0.2000	UnderPanels	Barlow_BV287_1
Barlow_BV286_1_Pann	0.02	58.58	100.00	70.0000	Raingage1	Barlow_BV287_1
Barlow_BV286_2	0.00	9.81	2.00	0.2000	UnderPanels	Barlow_BV287_2
Barlow_BV286_2_Pann	0.00	9.81	100.00	70.0000	Raingage1	Barlow_BV287_2
Barlow_BV287_1	0.03	55.48	2.00	0.2000	Raingage1	Barlow_BV288_1
Barlow_BV287_2	0.00	9.03	2.00	0.2000	Raingage1	Barlow_BV288_2
Barlow_BV288_1	0.02	46.05	2.00	0.2000	UnderPanels	Barlow_BV289_1
Barlow_BV288_1_Pann	0.02	46.05	100.00	70.0000	Raingage1	Barlow_BV289_1
Barlow_BV288_2	0.00	6.81	2.00	0.2000	UnderPanels	Barlow_BV289_2
Barlow_BV288_2_Pann	0.00	6.81	100.00	70.0000	Raingage1	Barlow_BV289_2
Barlow_BV289_1	0.02	39.14	2.00	0.2000	Raingage1	Barlow_BV290_1
Barlow_BV289_2	0.00	5.38	2.00	0.2000	Raingage1	Barlow_BV290_2
Barlow_BV29_1	0.02	46.87	2.00	0.2000	UnderPanels	Barlow_BV28_1

Barlow_BV29_1_Pann	0.02	46.87	100.00	70.0000	Raingage1	Barlow_BV28_1
Barlow_BV29_2	0.02	46.05	2.00	0.2000	UnderPanels	Barlow_BV28_2
Barlow_BV29_2_Pann	0.02	46.05	100.00	70.0000	Raingage1	Barlow_BV28_2
Barlow_BV290_1	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_J18
Barlow_BV290_1_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_J18
Barlow_BV290_2	0.00	3.81	2.00	0.2000	UnderPanels	Barlow_J18
Barlow_BV290_2_Pann	0.00	3.81	100.00	70.0000	Raingage1	Barlow_J18
Barlow_BV291_1	0.06	175.75	2.00	0.2000	UnderPanels	Barlow_BV292_1
Barlow_BV291_1_Pann	0.06	175.75	100.00	70.0000	Raingage1	Barlow_BV292_1
Barlow_BV291_2	0.00	11.72	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV291_2_Pann	0.00	11.72	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV292_1	0.07	155.05	2.00	0.2000	Raingage1	Barlow_BV293_1
Barlow_BV292_2	0.00	10.32	2.00	0.2000	Raingage1	Barlow_BV294_2
Barlow_BV293_1	0.05	148.77	2.00	0.2000	UnderPanels	Barlow_BV294_1
Barlow_BV293_1_Pann	0.05	148.77	100.00	70.0000	Raingage1	Barlow_BV294_1
Barlow_BV293_2	0.00	8.99	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV293_2_Pann	0.00	8.99	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV294_1	0.07	157.85	2.00	0.2000	Raingage1	Barlow_BV296_1
Barlow_BV294_2	0.11	233.12	2.00	0.2000	Raingage1	Barlow_BV296_2
Barlow_BV295	0.06	161.04	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV295_Pann	0.06	161.04	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV296_1	0.06	151.23	2.00	0.2000	UnderPanels	Barlow_BV297_1
Barlow_BV296_1_Pann	0.06	151.23	100.00	70.0000	Raingage1	Barlow_BV297_1
Barlow_BV296_2	0.06	164.03	2.00	0.2000	UnderPanels	Barlow_BV297_2
Barlow_BV296_2_Pann	0.06	164.03	100.00	70.0000	Raingage1	Barlow_BV297_2
Barlow_BV297_1	0.06	139.57	2.00	0.2000	Raingage1	Barlow_BV298_1
Barlow_BV297_2	0.07	160.43	2.00	0.2000	Raingage1	Barlow_BV298_2
Barlow_BV298_1	0.05	137.33	2.00	0.2000	UnderPanels	Barlow_BV299_1
Barlow_BV298_1_Pann	0.05	137.33	100.00	70.0000	Raingage1	Barlow_BV299_1
Barlow_BV298_2	0.06	165.94	2.00	0.2000	UnderPanels	Barlow_BV299_2
Barlow_BV298_2_Pann	0.06	165.94	100.00	70.0000	Raingage1	Barlow_BV299_2
Barlow_BV299_1	0.06	132.69	2.00	0.2000	Raingage1	Barlow_BV300_1
Barlow_BV299_2	0.07	158.28	2.00	0.2000	Raingage1	Barlow_BV300_2
Barlow_BV3	0.03	73.30	2.00	0.2000	UnderPanels	Barlow_BV175_64
Barlow_BV3_Pann	0.03	73.30	100.00	70.0000	Raingage1	Barlow_BV175_64
Barlow_BV30_1	0.02	34.41	2.00	0.2000	Raingage1	Barlow_BV29_1
Barlow_BV30_2	0.02	42.58	2.00	0.2000	Raingage1	Barlow_BV29_2
Barlow_BV300_1	0.05	122.89	2.00	0.2000	UnderPanels	Barlow_BV301_1
Barlow_BV300_1_Pann	0.05	122.89	100.00	70.0000	Raingage1	Barlow_BV301_1
Barlow_BV300_2	0.06	167.58	2.00	0.2000	UnderPanels	Barlow_BV301_2
Barlow_BV300_2_Pann	0.06	167.58	100.00	70.0000	Raingage1	Barlow_BV301_2
Barlow_BV301_1	0.05	115.27	2.00	0.2000	Raingage1	Barlow_BV302_1
Barlow_BV301_2	0.07	158.28	2.00	0.2000	Raingage1	Barlow_BV302_2
Barlow_BV302_1	0.04	103.54	2.00	0.2000	UnderPanels	Barlow_BV303_1
Barlow_BV302_1_Pann	0.04	103.54	100.00	70.0000	Raingage1	Barlow_BV303_1

Barlow_BV302_2	0.06	159.13	2.00	0.2000	UnderPanels	Barlow_BV303_2
Barlow_BV302_2_Pann	0.06	159.13	100.00	70.0000	Raingage1	Barlow_BV303_2
Barlow_BV303_1	0.05	99.78	2.00	0.2000	Raingage1	Barlow_BV304_1
Barlow_BV303_2	0.07	155.70	2.00	0.2000	Raingage1	Barlow_BV304_2
Barlow_BV304_1	0.03	90.74	2.00	0.2000	UnderPanels	Barlow_BV305_1
Barlow_BV304_1_Pann	0.03	90.74	100.00	70.0000	Raingage1	Barlow_BV305_1
Barlow_BV304_2	0.06	154.22	2.00	0.2000	UnderPanels	Barlow_BV305_2
Barlow_BV304_2_Pann	0.06	154.22	100.00	70.0000	Raingage1	Barlow_BV305_2
Barlow_BV305_1	0.04	95.91	2.00	0.2000	Raingage1	Barlow_BV306_1
Barlow_BV305_2	0.07	154.84	2.00	0.2000	Raingage1	Barlow_BV306_2
Barlow_BV306_1	0.03	92.10	2.00	0.2000	UnderPanels	Barlow_BV307_1
Barlow_BV306_1_Pann	0.03	92.10	100.00	70.0000	Raingage1	Barlow_BV307_1
Barlow_BV306_2	0.06	157.77	2.00	0.2000	UnderPanels	Barlow_BV307_2
Barlow_BV306_2_Pann	0.06	157.77	100.00	70.0000	Raingage1	Barlow_BV307_2
Barlow_BV307_1	0.04	89.03	2.00	0.2000	Raingage1	Barlow_BV308_1
Barlow_BV307_2	0.07	149.25	2.00	0.2000	Raingage1	Barlow_BV308_2
Barlow_BV308_1	0.03	79.29	2.00	0.2000	UnderPanels	Barlow_BV309_1
Barlow_BV308_1_Pann	0.03	79.29	100.00	70.0000	Raingage1	Barlow_BV309_1
Barlow_BV308_2	0.06	156.68	2.00	0.2000	UnderPanels	Barlow_BV309_2
Barlow_BV308_2_Pann	0.06	156.68	100.00	70.0000	Raingage1	Barlow_BV309_2
Barlow_BV309_1	0.03	72.26	2.00	0.2000	Raingage1	Barlow_BV310_1
Barlow_BV309_2	0.07	151.40	2.00	0.2000	Raingage1	Barlow_BV310_2
Barlow_BV310_1	0.02	62.40	2.00	0.2000	UnderPanels	Barlow_BV311_1
Barlow_BV310_1_Pann	0.02	62.40	100.00	70.0000	Raingage1	Barlow_BV311_1
Barlow_BV310_2	0.05	139.78	2.00	0.2000	UnderPanels	Barlow_BV311_2
Barlow_BV310_2_Pann	0.05	139.78	100.00	70.0000	Raingage1	Barlow_BV311_2
Barlow_BV311_1	0.03	57.20	2.00	0.2000	Raingage1	Barlow_BV312_1
Barlow_BV311_2	0.07	149.25	2.00	0.2000	Raingage1	Barlow_BV312_2
Barlow_BV312_1	0.02	49.86	2.00	0.2000	UnderPanels	Barlow_BV313_1
Barlow_BV312_1_Pann	0.02	49.86	100.00	70.0000	Raingage1	Barlow_BV313_1
Barlow_BV312_2	0.05	149.59	2.00	0.2000	UnderPanels	Barlow_BV313_2
Barlow_BV312_2_Pann	0.05	149.59	100.00	70.0000	Raingage1	Barlow_BV313_2
Barlow_BV313_1	0.02	49.25	2.00	0.2000	Raingage1	Barlow_BV314_1
Barlow_BV313_2	0.06	135.91	2.00	0.2000	Raingage1	Barlow_BV314_2
Barlow_BV314_1	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV315_1
Barlow_BV314_1_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV315_1
Barlow_BV314_2	0.05	125.89	2.00	0.2000	UnderPanels	Barlow_BV315_2
Barlow_BV314_2_Pann	0.05	125.89	100.00	70.0000	Raingage1	Barlow_BV315_2
Barlow_BV315_1	0.02	43.23	2.00	0.2000	Raingage1	Barlow_BV316_1
Barlow_BV315_2	0.05	117.85	2.00	0.2000	Raingage1	Barlow_BV316_2
Barlow_BV316_1	0.01	36.78	2.00	0.2000	UnderPanels	Barlow_BV317_1
Barlow_BV316_1_Pann	0.01	36.78	100.00	70.0000	Raingage1	Barlow_BV317_1
Barlow_BV316_2	0.04	105.72	2.00	0.2000	UnderPanels	Barlow_BV317_2
Barlow_BV316_2_Pann	0.04	105.72	100.00	70.0000	Raingage1	Barlow_BV317_2
Barlow_BV317_1	0.01	27.96	2.00	0.2000	Raingage1	Barlow_BV318_1

Barlow_BV317_2	0.04	92.04	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV318_1	0.01	20.71	2.00	0.2000	UnderPanels	Barlow_BV319_1
Barlow_BV318_1_Pann	0.01	20.71	100.00	70.0000	Raingage1	Barlow_BV319_1
Barlow_BV318_2	0.03	86.10	2.00	0.2000	UnderPanels	Barlow_BV319_2
Barlow_BV318_2_Pann	0.03	86.10	100.00	70.0000	Raingage1	Barlow_BV319_2
Barlow_BV319_1	0.01	19.36	2.00	0.2000	Raingage1	Barlow_BV320_1
Barlow_BV319_2	0.04	77.63	2.00	0.2000	Raingage1	Barlow_BV320_2
Barlow_BV32_1	0.01	29.16	2.00	0.2000	UnderPanels	Barlow_BV30_1
Barlow_BV32_1_Pann	0.01	29.16	100.00	70.0000	Raingage1	Barlow_BV30_1
Barlow_BV32_2	0.02	45.23	2.00	0.2000	UnderPanels	Barlow_BV30_2
Barlow_BV32_2_Pann	0.02	45.23	100.00	70.0000	Raingage1	Barlow_BV30_2
Barlow_BV320_1	0.01	18.26	2.00	0.2000	UnderPanels	Barlow_BV321_1
Barlow_BV320_1_Pann	0.01	18.26	100.00	70.0000	Raingage1	Barlow_BV321_1
Barlow_BV320_2	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV321_2
Barlow_BV320_2_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV321_2
Barlow_BV321_1	0.01	11.83	2.00	0.2000	Raingage1	Barlow_BV322_1
Barlow_BV321_2	0.03	67.74	2.00	0.2000	Raingage1	Barlow_BV322_2
Barlow_BV322_1	0.00	6.27	2.00	0.2000	UnderPanels	Barlow_J30
Barlow_BV322_1_Pann	0.00	6.27	100.00	70.0000	Raingage1	Barlow_J30
Barlow_BV322_2	0.02	64.85	2.00	0.2000	UnderPanels	Barlow_BV323_2
Barlow_BV322_2_Pann	0.02	64.85	100.00	70.0000	Raingage1	Barlow_BV323_2
Barlow_BV323_2	0.02	50.97	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV324	0.01	34.88	2.00	0.2000	UnderPanels	Barlow_Pond1
Barlow_BV324_Pann	0.01	34.88	100.00	70.0000	Raingage1	Barlow_J30
Barlow_BV325	0.01	17.98	2.00	0.2000	UnderPanels	Barlow_BV326
Barlow_BV325_Pann	0.01	17.98	100.00	70.0000	Raingage1	Barlow_BV326
Barlow_BV326	0.01	26.88	2.00	0.2000	Raingage1	Barlow_BV327
Barlow_BV327	0.01	35.97	2.00	0.2000	UnderPanels	Barlow_BV328
Barlow_BV327_Pann	0.01	35.97	100.00	70.0000	Raingage1	Barlow_BV328
Barlow_BV328	0.02	42.15	2.00	0.2000	Raingage1	Barlow_BV329
Barlow_BV329	0.02	54.22	2.00	0.2000	UnderPanels	Barlow_BV330
Barlow_BV329_Pann	0.02	54.22	100.00	70.0000	Raingage1	Barlow_BV330
Barlow_BV33_1	0.01	19.14	2.00	0.2000	Raingage1	Barlow_BV32_1
Barlow_BV33_2	0.02	49.46	2.00	0.2000	Raingage1	Barlow_BV32_2
Barlow_BV330	0.03	61.51	2.00	0.2000	Raingage1	Barlow_BV331
Barlow_BV331	0.03	72.48	2.00	0.2000	UnderPanels	Barlow_BV332
Barlow_BV331_Pann	0.03	72.48	100.00	70.0000	Raingage1	Barlow_BV332
Barlow_BV332	0.04	80.00	2.00	0.2000	Raingage1	Barlow_BV333
Barlow_BV333	0.03	90.46	2.00	0.2000	UnderPanels	Barlow_BV334
Barlow_BV333_Pann	0.03	90.46	100.00	70.0000	Raingage1	Barlow_BV334
Barlow_BV334	0.04	96.13	2.00	0.2000	Raingage1	Barlow_BV335
Barlow_BV335	0.04	100.00	2.00	0.2000	UnderPanels	Barlow_BV336
Barlow_BV335_Pann	0.04	100.00	100.00	70.0000	Raingage1	Barlow_BV336
Barlow_BV336	0.06	121.08	2.00	0.2000	Raingage1	Barlow_BV337
Barlow_BV337	0.04	119.07	2.00	0.2000	UnderPanels	Barlow_BV338

Barlow_BV337_Pann	0.04	119.07	100.00	70.0000	Raingage1	Barlow_BV338
Barlow_BV338	0.06	132.04	2.00	0.2000	Raingage1	Barlow_BV339
Barlow_BV339	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV340
Barlow_BV339_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV340
Barlow_BV34	0.15	125.00	2.00	0.2000	Raingage1	Barlow_J3
Barlow_BV340	0.07	150.54	2.00	0.2000	Raingage1	Barlow_BV341
Barlow_BV341	0.06	154.22	2.00	0.2000	UnderPanels	Barlow_BV342
Barlow_BV341_Pann	0.06	154.22	100.00	70.0000	Raingage1	Barlow_BV342
Barlow_BV342	0.08	174.84	2.00	0.2000	Raingage1	Barlow_BV343
Barlow_BV343	0.07	177.38	2.00	0.2000	UnderPanels	Barlow_BV344_1
Barlow_BV343_Pann	0.07	177.38	100.00	70.0000	Raingage1	Barlow_BV344_1
Barlow_BV344_1	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV345_1
Barlow_BV344_2	0.00	2.15	2.00	0.2000	Raingage1	Barlow_BV345_2
Barlow_BV345_1	0.07	184.20	2.00	0.2000	UnderPanels	Barlow_BV346_1
Barlow_BV345_1_Pann	0.07	184.20	100.00	70.0000	Raingage1	Barlow_BV346_1
Barlow_BV345_2	0.00	7.90	2.00	0.2000	UnderPanels	Barlow_BV346_2
Barlow_BV345_2_Pann	0.00	7.90	100.00	70.0000	Raingage1	Barlow_BV346_2
Barlow_BV346_1	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV347_1
Barlow_BV346_2	0.01	15.27	2.00	0.2000	Raingage1	Barlow_BV347_2
Barlow_BV347_1	0.07	191.83	2.00	0.2000	UnderPanels	Barlow_BV348_1
Barlow_BV347_1_Pann	0.07	191.83	100.00	70.0000	Raingage1	Barlow_BV348_1
Barlow_BV347_2	0.01	24.25	2.00	0.2000	UnderPanels	Barlow_BV348_2
Barlow_BV347_2_Pann	0.01	24.25	100.00	70.0000	Raingage1	Barlow_BV348_2
Barlow_BV348_1	0.09	184.95	2.00	0.2000	Raingage1	Barlow_BV349_1
Barlow_BV348_2	0.01	30.97	2.00	0.2000	Raingage1	Barlow_BV349_2
Barlow_BV349_1	0.07	194.82	2.00	0.2000	UnderPanels	Barlow_BV350_1
Barlow_BV349_1_Pann	0.07	194.82	100.00	70.0000	Raingage1	Barlow_BV350_1
Barlow_BV349_2	0.01	39.51	2.00	0.2000	UnderPanels	Barlow_BV350_2
Barlow_BV349_2_Pann	0.01	39.51	100.00	70.0000	Raingage1	Barlow_BV350_2
Barlow_BV35_1	0.00	11.72	2.00	0.2000	UnderPanels	Barlow_BV33_1
Barlow_BV35_1_Pann	0.00	11.72	100.00	70.0000	Raingage1	Barlow_BV33_1
Barlow_BV35_3	0.10	277.11	2.00	0.2000	UnderPanels	Barlow_BV13_18
Barlow_BV35_3_Pann	0.10	277.11	100.00	70.0000	Raingage1	Barlow_BV13_18
Barlow_BV35_4	0.03	74.11	2.00	0.2000	UnderPanels	Barlow_BV54
Barlow_BV35_4_Pann	0.03	74.11	100.00	70.0000	Raingage1	Barlow_BV54
Barlow_BV350_1	0.09	191.83	2.00	0.2000	Raingage1	Barlow_BV351_1
Barlow_BV350_2	0.02	47.53	2.00	0.2000	Raingage1	Barlow_BV351_2
Barlow_BV351_1	0.07	189.92	2.00	0.2000	UnderPanels	Barlow_BV376_2
Barlow_BV351_1_Pann	0.07	189.92	100.00	70.0000	Raingage1	Barlow_BV376_2
Barlow_BV351_2	0.02	54.77	2.00	0.2000	UnderPanels	Barlow_BV376_1
Barlow_BV351_2_Pann	0.02	54.77	100.00	70.0000	Raingage1	Barlow_BV376_1
Barlow_BV352	0.03	74.39	2.00	0.2000	UnderPanels	Barlow_BV353
Barlow_BV352_Pann	0.03	74.39	100.00	70.0000	Raingage1	Barlow_BV353
Barlow_BV353	0.04	82.37	2.00	0.2000	Raingage1	Barlow_BV354
Barlow_BV354	0.03	89.65	2.00	0.2000	UnderPanels	Barlow_BV355

Barlow_BV354_Pann	0.03	89.65	100.00	70.0000	Raingage1	Barlow_BV355
Barlow_BV355	0.04	91.83	2.00	0.2000	Raingage1	Barlow_BV356
Barlow_BV356	0.03	88.01	2.00	0.2000	UnderPanels	Barlow_BV357
Barlow_BV356_Pann	0.03	88.01	100.00	70.0000	Raingage1	Barlow_BV357
Barlow_BV357	0.04	81.94	2.00	0.2000	Raingage1	Barlow_BV358
Barlow_BV358	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV359
Barlow_BV358_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV359
Barlow_BV359	0.03	63.44	2.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV36_1	0.11	242.80	2.00	0.2000	Raingage1	Barlow_BV35_3
Barlow_BV36_2	0.04	77.63	2.00	0.2000	Raingage1	Barlow_BV35_4
Barlow_BV360	0.02	52.86	2.00	0.2000	UnderPanels	Barlow_BV361
Barlow_BV360_Pann	0.02	52.86	100.00	70.0000	Raingage1	Barlow_BV361
Barlow_BV361	0.02	46.67	2.00	0.2000	Raingage1	Barlow_BV362
Barlow_BV362	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_Pond2
Barlow_BV362_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_J24
Barlow_BV363	0.07	160.65	2.00	0.2000	Raingage1	Barlow_BV295
Barlow_BV364	0.06	160.49	2.00	0.2000	UnderPanels	Barlow_BV363
Barlow_BV364_Pann	0.06	160.49	100.00	70.0000	Raingage1	Barlow_BV363
Barlow_BV365	0.27	210.00	2.00	0.2000	Raingage1	Barlow_J22
Barlow_BV366	0.12	220.00	2.00	0.2000	Raingage1	Barlow_J26
Barlow_BV367	0.07	134.19	2.00	0.2000	Raingage1	Barlow_BV10_8
Barlow_BV368_2	0.66	85.00	2.00	0.2000	Raingage1	Barlow_BV227
Barlow_BV369	0.08	181.29	2.00	0.2000	Raingage1	Barlow_J18
Barlow_BV37_1	0.09	241.69	2.00	0.2000	UnderPanels	Barlow_BV36_1
Barlow_BV37_1_Pann	0.09	241.69	100.00	70.0000	Raingage1	Barlow_BV36_1
Barlow_BV37_2	0.03	78.47	2.00	0.2000	UnderPanels	Barlow_BV36_2
Barlow_BV37_2_Pann	0.03	78.47	100.00	70.0000	Raingage1	Barlow_BV36_2
Barlow_BV370	0.07	157.63	2.00	0.2000	Raingage1	Barlow_J20
Barlow_BV371_1	0.07	160.22	2.00	0.2000	Raingage1	Barlow_BV291_1
Barlow_BV371_2	0.06	165.59	2.00	0.2000	Raingage1	Barlow_BV364
Barlow_BV372	0.06	139.57	2.00	0.2000	Raingage1	Barlow_J20
Barlow_BV373_1	0.24	115.00	2.00	0.2000	Raingage1	Barlow_J19
Barlow_BV374_2	0.37	65.00	2.00	0.2000	Raingage1	Barlow_BV178
Barlow_BV375	0.05	4.00	2.00	0.2000	Raingage1	Barlow_J50
Barlow_BV376_1	0.03	63.01	2.00	0.2000	Raingage1	Barlow_BV352
Barlow_BV376_2	0.10	166.67	2.00	0.2000	Raingage1	Barlow_J13
Barlow_BV377_1	0.37	65.00	2.00	0.2000	Raingage1	Barlow_BV350_2
Barlow_BV377_3	0.64	125.00	2.00	0.2000	Raingage1	Barlow_BV334
Barlow_BV377_4	0.16	420.00	2.00	0.2000	Raingage1	Barlow_BV377_3
Barlow_BV377_5	0.12	200.00	2.00	0.2000	Raingage1	Barlow_BV377_1
Barlow_BV378_1	0.06	50.00	2.00	0.2000	Raingage1	Barlow_J32
Barlow_BV378_2	0.02	50.00	2.00	0.2000	Raingage1	Barlow_J32
Barlow_BV379_1	0.04	76.77	2.00	0.2000	Raingage1	Barlow_BV13_1
Barlow_BV379_2	0.01	21.07	2.00	0.2000	Raingage1	Barlow_BV380_2
Barlow_BV38_1	0.11	234.19	2.00	0.2000	Raingage1	Barlow_BV37_1

Barlow_BV38_2	0.04	76.34	2.00	0.2000	Raingage1	Barlow_BV37_2
Barlow_BV380_1	0.03	69.75	2.00	0.2000	UnderPanels	Barlow_BV175_78
Barlow_BV380_1_Pann	0.03	69.75	100.00	70.0000	Raingage1	Barlow_BV175_78
Barlow_BV380_2	0.01	19.89	2.00	0.2000	UnderPanels	Barlow_J3
Barlow_BV380_2_Pann	0.01	19.89	100.00	70.0000	Raingage1	Barlow_J3
Barlow_BV39_1	0.08	229.70	2.00	0.2000	UnderPanels	Barlow_BV38_1
Barlow_BV39_1_Pann	0.08	229.70	100.00	70.0000	Raingage1	Barlow_BV38_1
Barlow_BV39_2	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV38_2
Barlow_BV39_2_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV38_2
Barlow_BV4	0.04	106.81	2.00	0.2000	UnderPanels	Barlow_BV175_63
Barlow_BV4_Pann	0.04	106.81	100.00	70.0000	Raingage1	Barlow_BV175_63
Barlow_BV40_1	0.10	220.86	2.00	0.2000	Raingage1	Barlow_BV39_1
Barlow_BV40_2	0.03	68.17	2.00	0.2000	Raingage1	Barlow_BV39_2
Barlow_BV41_1	0.08	218.26	2.00	0.2000	UnderPanels	Barlow_BV40_1
Barlow_BV41_1_Pann	0.08	218.26	100.00	70.0000	Raingage1	Barlow_BV40_1
Barlow_BV41_2	0.02	66.21	2.00	0.2000	UnderPanels	Barlow_BV40_2
Barlow_BV41_2_Pann	0.02	66.21	100.00	70.0000	Raingage1	Barlow_BV40_2
Barlow_BV42_1	0.10	209.03	2.00	0.2000	Raingage1	Barlow_BV41_1
Barlow_BV42_2	0.03	63.44	2.00	0.2000	Raingage1	Barlow_BV41_2
Barlow_BV43_1	0.07	204.36	2.00	0.2000	UnderPanels	Barlow_BV42_1
Barlow_BV43_1_Pann	0.07	204.36	100.00	70.0000	Raingage1	Barlow_BV42_1
Barlow_BV43_2	0.02	65.12	2.00	0.2000	UnderPanels	Barlow_BV42_2
Barlow_BV43_2_Pann	0.02	65.12	100.00	70.0000	Raingage1	Barlow_BV42_2
Barlow_BV44_1	0.09	195.70	2.00	0.2000	Raingage1	Barlow_BV43_1
Barlow_BV44_2	0.03	68.82	2.00	0.2000	Raingage1	Barlow_BV43_2
Barlow_BV45_1	0.07	188.56	2.00	0.2000	UnderPanels	Barlow_BV44_1
Barlow_BV45_1_Pann	0.07	188.56	100.00	70.0000	Raingage1	Barlow_BV44_1
Barlow_BV45_2	0.03	77.38	2.00	0.2000	UnderPanels	Barlow_BV44_2
Barlow_BV45_2_Pann	0.03	77.38	100.00	70.0000	Raingage1	Barlow_BV44_2
Barlow_BV46_1	0.08	180.22	2.00	0.2000	Raingage1	Barlow_BV45_1
Barlow_BV46_2	0.03	67.31	2.00	0.2000	Raingage1	Barlow_BV45_2
Barlow_BV47_1	0.06	171.66	2.00	0.2000	UnderPanels	Barlow_BV46_1
Barlow_BV47_1_Pann	0.06	171.66	100.00	70.0000	Raingage1	Barlow_BV46_1
Barlow_BV47_2	0.02	59.13	2.00	0.2000	UnderPanels	Barlow_BV46_2
Barlow_BV47_2_Pann	0.02	59.13	100.00	70.0000	Raingage1	Barlow_BV46_2
Barlow_BV48_1	0.08	162.37	2.00	0.2000	Raingage1	Barlow_BV47_1
Barlow_BV48_2	0.02	39.78	2.00	0.2000	Raingage1	Barlow_BV47_2
Barlow_BV49_1	0.06	157.49	2.00	0.2000	UnderPanels	Barlow_BV48_1
Barlow_BV49_1_Pann	0.06	157.49	100.00	70.0000	Raingage1	Barlow_BV48_1
Barlow_BV49_2	0.01	23.43	2.00	0.2000	UnderPanels	Barlow_BV48_2
Barlow_BV49_2_Pann	0.01	23.43	100.00	70.0000	Raingage1	Barlow_BV48_2
Barlow_BV5	0.03	25.00	2.00	0.2000	Raingage1	Barlow_BV49_2
Barlow_BV5_1	0.05	137.88	2.00	0.2000	UnderPanels	Barlow_BV175_67
Barlow_BV5_1_Pann	0.05	137.88	100.00	70.0000	Raingage1	Barlow_BV175_67
Barlow_BV5_2	0.05	143.60	2.00	0.2000	UnderPanels	Barlow_BV175_2

Barlow_BV5_2_Pann	0.05	143.60	100.00	70.0000	Raingage1	Barlow_BV175_2
Barlow_BV5_3	0.06	170.03	2.00	0.2000	UnderPanels	Barlow_BV7_3
Barlow_BV5_3_Pann	0.06	170.03	100.00	70.0000	Raingage1	Barlow_BV7_3
Barlow_BV5_4	0.01	36.51	2.00	0.2000	UnderPanels	Barlow_BV7_4
Barlow_BV5_4_Pann	0.01	36.51	100.00	70.0000	Raingage1	Barlow_BV7_4
Barlow_BV50_1	0.07	144.52	2.00	0.2000	Raingage1	Barlow_BV49_1
Barlow_BV51_1	0.05	140.05	2.00	0.2000	UnderPanels	Barlow_BV50_1
Barlow_BV51_1_Pann	0.05	140.05	100.00	70.0000	Raingage1	Barlow_BV50_1
Barlow_BV51_2	0.00	4.63	2.00	0.2000	UnderPanels	Barlow_BV5
Barlow_BV51_2_Pann	0.00	4.63	100.00	70.0000	Raingage1	Barlow_BV5
Barlow_BV52	0.05	113.12	2.00	0.2000	Raingage1	Barlow_BV51_1
Barlow_BV53	0.03	91.55	2.00	0.2000	UnderPanels	Barlow_BV52
Barlow_BV53_Pann	0.03	91.55	100.00	70.0000	Raingage1	Barlow_BV52
Barlow_BV54	0.03	69.46	2.00	0.2000	Raingage1	Barlow_BV55
Barlow_BV55	0.03	70.57	2.00	0.2000	UnderPanels	Barlow_BV56
Barlow_BV55_Pann	0.03	70.57	100.00	70.0000	Raingage1	Barlow_BV56
Barlow_BV56	0.04	82.15	2.00	0.2000	Raingage1	Barlow_BV57
Barlow_BV57	0.03	86.10	2.00	0.2000	UnderPanels	Barlow_BV58
Barlow_BV57_Pann	0.03	86.10	100.00	70.0000	Raingage1	Barlow_BV58
Barlow_BV58	0.04	88.60	2.00	0.2000	Raingage1	Barlow_BV59
Barlow_BV59	0.03	88.28	2.00	0.2000	UnderPanels	Barlow_BV60
Barlow_BV59_Pann	0.03	88.28	100.00	70.0000	Raingage1	Barlow_BV60
Barlow_BV6	0.05	140.87	2.00	0.2000	UnderPanels	Barlow_BV175_68
Barlow_BV6_Pann	0.05	140.87	100.00	70.0000	Raingage1	Barlow_BV175_68
Barlow_BV60	0.04	90.32	2.00	0.2000	Raingage1	Barlow_BV61
Barlow_BV61	0.03	85.01	2.00	0.2000	UnderPanels	Barlow_BV62
Barlow_BV61_Pann	0.03	85.01	100.00	70.0000	Raingage1	Barlow_BV62
Barlow_BV62	0.04	88.82	2.00	0.2000	Raingage1	Barlow_BV63
Barlow_BV63	0.03	92.64	2.00	0.2000	UnderPanels	Barlow_BV64
Barlow_BV63_Pann	0.03	92.64	100.00	70.0000	Raingage1	Barlow_BV64
Barlow_BV64	0.04	94.19	2.00	0.2000	Raingage1	Barlow_BV65
Barlow_BV65	0.04	108.45	2.00	0.2000	UnderPanels	Barlow_BV66
Barlow_BV65_Pann	0.04	108.45	100.00	70.0000	Raingage1	Barlow_BV66
Barlow_BV66	0.05	107.31	2.00	0.2000	Raingage1	Barlow_BV67
Barlow_BV67	0.04	104.63	2.00	0.2000	UnderPanels	Barlow_BV68
Barlow_BV67_Pann	0.04	104.63	100.00	70.0000	Raingage1	Barlow_BV68
Barlow_BV68	0.05	104.52	2.00	0.2000	Raingage1	Barlow_BV69
Barlow_BV69	0.04	113.35	2.00	0.2000	UnderPanels	Barlow_BV70
Barlow_BV69_Pann	0.04	113.35	100.00	70.0000	Raingage1	Barlow_BV70
Barlow_BV7	0.11	12.00	2.00	0.2000	Raingage1	Barlow_BV52
Barlow_BV7_1	0.05	123.71	2.00	0.2000	UnderPanels	Barlow_BV175_34
Barlow_BV7_1_Pann	0.05	123.71	100.00	70.0000	Raingage1	Barlow_BV175_34
Barlow_BV7_2	0.05	142.23	2.00	0.2000	UnderPanels	Barlow_BV175_36
Barlow_BV7_2_Pann	0.05	142.23	100.00	70.0000	Raingage1	Barlow_BV175_36
Barlow_BV7_3	0.08	169.25	2.00	0.2000	Raingage1	Barlow_BV10_3

Barlow_BV7_4	0.02	35.91	2.00	0.2000	Raingage1	Barlow_BV10_4
Barlow_BV70	0.05	103.44	2.00	0.2000	Raingage1	Barlow_BV71
Barlow_BV71	0.04	108.45	2.00	0.2000	UnderPanels	Barlow_BV72
Barlow_BV71_Pann	0.04	108.45	100.00	70.0000	Raingage1	Barlow_BV72
Barlow_BV72	0.05	110.97	2.00	0.2000	Raingage1	Barlow_BV73
Barlow_BV73	0.05	126.43	2.00	0.2000	UnderPanels	Barlow_BV74
Barlow_BV73_Pann	0.05	126.43	100.00	70.0000	Raingage1	Barlow_BV74
Barlow_BV74	0.06	126.67	2.00	0.2000	Raingage1	Barlow_BV75
Barlow_BV75	0.04	120.71	2.00	0.2000	UnderPanels	Barlow_BV76
Barlow_BV75_Pann	0.04	120.71	100.00	70.0000	Raingage1	Barlow_BV76
Barlow_BV76	0.06	124.73	2.00	0.2000	Raingage1	Barlow_BV77
Barlow_BV77	0.04	120.98	2.00	0.2000	UnderPanels	Barlow_BV78
Barlow_BV77_Pann	0.04	120.98	100.00	70.0000	Raingage1	Barlow_BV78
Barlow_BV78	0.06	135.70	2.00	0.2000	Raingage1	Barlow_BV79
Barlow_BV79	0.05	141.14	2.00	0.2000	UnderPanels	Barlow_BV80
Barlow_BV79_Pann	0.05	141.14	100.00	70.0000	Raingage1	Barlow_BV80
Barlow_BV8	0.04	122.62	2.00	0.2000	UnderPanels	Barlow_BV175_70
Barlow_BV8_Pann	0.04	122.62	100.00	70.0000	Raingage1	Barlow_BV175_70
Barlow_BV80	0.06	135.27	2.00	0.2000	Raingage1	Barlow_BV81
Barlow_BV81	0.06	150.41	2.00	0.2000	UnderPanels	Barlow_BV82
Barlow_BV81_Pann	0.06	150.41	100.00	70.0000	Raingage1	Barlow_BV82
Barlow_BV82	0.06	130.97	2.00	0.2000	Raingage1	Barlow_BV83
Barlow_BV83	0.04	118.26	2.00	0.2000	UnderPanels	Barlow_BV84
Barlow_BV83_Pann	0.04	118.26	100.00	70.0000	Raingage1	Barlow_BV84
Barlow_BV84	0.06	133.76	2.00	0.2000	Raingage1	Barlow_BV85
Barlow_BV85	0.06	150.68	2.00	0.2000	UnderPanels	Barlow_BV86
Barlow_BV85_Pann	0.06	150.68	100.00	70.0000	Raingage1	Barlow_BV86
Barlow_BV86	0.07	146.24	2.00	0.2000	Raingage1	Barlow_BV87
Barlow_BV87	0.06	162.40	2.00	0.2000	UnderPanels	Barlow_BV88
Barlow_BV87_Pann	0.06	162.40	100.00	70.0000	Raingage1	Barlow_BV88
Barlow_BV88	0.07	157.63	2.00	0.2000	Raingage1	Barlow_BV89
Barlow_BV89	0.06	172.75	2.00	0.2000	UnderPanels	Barlow_BV90
Barlow_BV89_Pann	0.06	172.75	100.00	70.0000	Raingage1	Barlow_BV90
Barlow_BV9	0.05	126.70	2.00	0.2000	UnderPanels	Barlow_BV175_69
Barlow_BV9_Pann	0.05	126.70	100.00	70.0000	Raingage1	Barlow_BV175_69
Barlow_BV90	0.07	144.52	2.00	0.2000	Raingage1	Barlow_BV91
Barlow_BV91	0.06	162.67	2.00	0.2000	UnderPanels	Barlow_BV92
Barlow_BV91_Pann	0.06	162.67	100.00	70.0000	Raingage1	Barlow_BV92
Barlow_BV92	0.07	157.42	2.00	0.2000	Raingage1	Barlow_BV93
Barlow_BV93	0.06	172.21	2.00	0.2000	UnderPanels	Barlow_BV94
Barlow_BV93_Pann	0.06	172.21	100.00	70.0000	Raingage1	Barlow_BV94
Barlow_BV94	0.08	163.87	2.00	0.2000	Raingage1	Barlow_BV95
Barlow_BV95	0.07	188.01	2.00	0.2000	UnderPanels	Barlow_BV96
Barlow_BV95_Pann	0.07	188.01	100.00	70.0000	Raingage1	Barlow_BV96
Barlow_BV96	0.08	172.26	2.00	0.2000	Raingage1	Barlow_BV97

Barlow_BV97	0.06	169.21	2.00	0.2000	UnderPanels	Barlow_BV98
Barlow_BV97_Pann	0.06	169.21	100.00	70.0000	Raingage1	Barlow_BV98
Barlow_BV98	0.08	178.07	2.00	0.2000	Raingage1	Barlow_BV99
Barlow_BV99	0.07	180.38	2.00	0.2000	UnderPanels	Barlow_BV100
Barlow_BV99_Pann	0.07	180.38	100.00	70.0000	Raingage1	Barlow_BV100

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_EXU3	JUNCTION	60.45	2.55	1000.0	
Barlow_J1	JUNCTION	62.38	0.28	0.0	
Barlow_J11	JUNCTION	61.80	0.40	1000.0	
Barlow_J13	JUNCTION	61.85	0.50	1000.0	
Barlow_J14	JUNCTION	62.00	0.50	1000.0	
Barlow_J15	JUNCTION	61.59	1.91	1000.0	
Barlow_J17	JUNCTION	60.49	2.51	1000.0	
Barlow_J18	JUNCTION	61.88	0.50	1000.0	
Barlow_J19	JUNCTION	62.15	0.25	0.0	
Barlow_J2	JUNCTION	62.42	0.25	1000.0	
Barlow_J20	JUNCTION	62.25	0.25	1000.0	
Barlow_J21	JUNCTION	61.50	2.00	1000.0	
Barlow_J22	JUNCTION	62.34	0.25	1000.0	
Barlow_J23	JUNCTION	62.44	0.25	1000.0	
Barlow_J24	JUNCTION	61.70	0.63	1000.0	
Barlow_J25	JUNCTION	62.30	0.30	0.0	
Barlow_J26	JUNCTION	62.40	0.28	1000.0	
Barlow_J27	JUNCTION	61.85	1.15	1000.0	
Barlow_J28	JUNCTION	61.75	1.00	1000.0	
Barlow_J3	JUNCTION	62.49	0.25	1000.0	
Barlow_J30	JUNCTION	61.86	0.50	0.0	
Barlow_J31	JUNCTION	62.19	0.50	0.0	
Barlow_J32	JUNCTION	61.97	0.25	0.0	
Barlow_J50	JUNCTION	61.97	0.50	1000.0	
Barlow_J6	JUNCTION	62.25	0.29	1000.0	
Barlow_J7	JUNCTION	61.77	1.50	1000.0	
Barlow_Pond1	JUNCTION	61.60	0.50	0.0	
Barlow_Pond2	JUNCTION	61.55	0.45	0.0	
Barlow_EXU1	OUTFALL	60.42	2.00	0.0	

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C1	Barlow_J1	Barlow_J22	CONDUIT	12.5	0.2881	0.0120
Barlow_C10	Barlow_J32	Barlow_Pond1	CONDUIT	138.5	0.2672	0.0350
Barlow_C11	Barlow_J19	Barlow_J14	CONDUIT	111.6	0.1353	0.0350
Barlow_C11_2	Barlow_J31	Barlow_J18	CONDUIT	220.7	0.1368	0.0350
Barlow_C13	Barlow_J20	Barlow_J14	CONDUIT	192.3	0.1306	0.0350
Barlow_C14	Barlow_J17	Barlow_EXU3	CONDUIT	15.5	0.2582	0.0260
Barlow_C14_1	Barlow_J50	Barlow_J13	CONDUIT	135.7	0.0914	0.0350
Barlow_C14_2	Barlow_J13	Barlow_J11	CONDUIT	52.9	0.0870	0.0350
Barlow_C15	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3311	0.0120
Barlow_C16	Barlow_J23	Barlow_J26	CONDUIT	198.3	0.0181	0.0350
Barlow_C16_1	Barlow_J26	Barlow_J1	CONDUIT	31.0	0.0743	0.0350
Barlow_C16_3	Barlow_J1	Barlow_J22	CONDUIT	12.2	0.2943	0.0120
Barlow_C18	Barlow_Pond1	Barlow_J15	CONDUIT	63.2	0.0158	0.0350
Barlow_C18_2	Barlow_J30	Barlow_Pond1	CONDUIT	88.3	0.2956	0.0350
Barlow_C18_4	Barlow_J18	Barlow_J30	CONDUIT	318.9	0.0072	0.0350
Barlow_C19	Barlow_J17	Barlow_EXU3	CONDUIT	17.2	0.9283	0.0260
Barlow_C19_1	Barlow_J7	Barlow_J15	CONDUIT	127.1	0.1385	0.0350
Barlow_C19_2	Barlow_J15	Barlow_J21	CONDUIT	10.0	0.9000	0.0130
Barlow_C2	Barlow_J3	Barlow_J2	CONDUIT	131.0	0.0549	0.0350
Barlow_C20	Barlow_J27	Barlow_J7	CONDUIT	212.2	0.0396	0.0350
Barlow_C20_1	Barlow_J11	Barlow_J24	CONDUIT	91.1	0.1098	0.0350
Barlow_C20_2	Barlow_J24	Barlow_Pond2	CONDUIT	115.7	0.1297	0.0350
Barlow_C21	Barlow_J22	Barlow_J6	CONDUIT	209.1	0.0435	0.0350
Barlow_C23	Barlow_J28	Barlow_J17	CONDUIT	121.7	0.4274	0.0350
Barlow_C24	Barlow_J2	Barlow_J31	CONDUIT	35.9	0.6464	0.0350
Barlow_C25	Barlow_Pond2	Barlow_J21	CONDUIT	87.9	0.0569	0.0350
Barlow_C26	Barlow_J25	Barlow_J30	CONDUIT	241.6	0.1817	0.0350
Barlow_C27	Barlow_J6	Barlow_J19	CONDUIT	38.9	0.2574	0.0350
Barlow_C28	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3282	0.0120
Barlow_C3	Barlow_J21	Barlow_J17	CONDUIT	102.5	0.2634	0.0350
Barlow_C5	Barlow_EXU3	Barlow_EXU1	CONDUIT	8.7	0.3460	0.0350
Barlow_S4	Barlow_J15	Barlow_J21	WEIR			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C1	CIRCULAR	0.25	0.05	0.06	0.25	1	34.58

Barlow_C10	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	153.84
Barlow_C11	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	109.47
Barlow_C11_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.10
Barlow_C13	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	107.54
Barlow_C14	FILLED_CIRCULAR	0.66	0.71	0.21	1.40	1	491.72
Barlow_C14_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	129.06
Barlow_C14_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	125.88
Barlow_C15	CIRCULAR	0.25	0.05	0.06	0.25	1	37.07
Barlow_C16	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	40.10
Barlow_C16_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	81.11
Barlow_C16_3	CIRCULAR	0.25	0.05	0.06	0.25	1	34.95
Barlow_C18	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	37.43
Barlow_C18_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	161.81
Barlow_C18_4	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	25.28
Barlow_C19	FILLED_CIRCULAR	0.78	0.88	0.24	1.40	1	1250.65
Barlow_C19_1	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	5398.72
Barlow_C19_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1717.55
Barlow_C2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	69.76
Barlow_C20	TRAPEZOIDAL	1.15	3.79	0.62	5.60	1	1564.94
Barlow_C20_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	141.46
Barlow_C20_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	153.70
Barlow_C21	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	62.09
Barlow_C23	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	3753.95
Barlow_C24	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	239.28
Barlow_C25	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	101.80
Barlow_C26	TRIANGULAR	0.25	0.63	0.12	5.00	1	189.67
Barlow_C27	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	151.00
Barlow_C28	CIRCULAR	0.25	0.05	0.06	0.25	1	36.91
Barlow_C3	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	7445.09
Barlow_C5	TRAPEZOIDAL	2.00	12.00	1.10	10.00	1	21445.18

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

RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 02/06/2018 00:00:00
 Ending Date 02/08/2018 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 2
 Head Tolerance 0.001500 m

	Volume hectare-m	Depth mm
***** Runoff Quantity Continuity *****	-----	-----
Total Precipitation	1.513	29.972
Evaporation Loss	0.000	0.000
Infiltration Loss	1.161	23.001
Surface Runoff	0.251	4.980
Final Storage	0.118	2.332
Continuity Error (%)	-1.138	

	Volume hectare-m	Volume 10^6 ltr
***** Flow Routing Continuity *****	-----	-----
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	0.251	2.514
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	0.251	2.507
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000

Final Stored Volume 0.000 0.002
 Continuity Error (%) 0.181

 Highest Continuity Errors

 Node Barlow_J31 (-1.42%)

 Time-Step Critical Elements

 None

 Highest Flow Instability Indexes

 Link Barlow_C19_2 (2)

 Routing Time Step Summary

 Minimum Time Step : 0.50 sec
 Average Time Step : 1.00 sec
 Maximum Time Step : 1.00 sec
 Percent in Steady State : 0.00
 Average Iterations per Step : 2.00
 Percent Not Converging : 0.00

 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
Barlow_BV1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.37	0.993
Barlow_BV10	37.53	0.00	0.00	36.18	0.11	0.00	0.73	0.003

Barlow_BV10_1	0.00	352.41	0.00	0.00	345.22	0.14	17.29	0.980
Barlow_BV10_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.34	0.993
Barlow_BV10_2	0.00	330.28	0.00	0.00	323.32	0.13	16.63	0.979
Barlow_BV10_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.23	0.993
Barlow_BV10_3	0.00	315.15	0.00	0.00	307.96	0.18	20.22	0.977
Barlow_BV10_3_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.23	0.993
Barlow_BV10_4	0.00	169.88	0.00	0.00	162.73	0.02	4.35	0.958
Barlow_BV10_4_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.26	0.993
Barlow_BV10_5	37.53	7.00	0.00	35.16	8.25	0.01	2.41	0.185
Barlow_BV10_6	37.53	6.59	0.00	35.16	7.86	0.01	1.77	0.178
Barlow_BV10_7	37.53	24.58	0.00	40.09	20.77	0.06	9.51	0.334
Barlow_BV10_8	37.53	219.17	0.00	41.96	213.93	0.20	17.79	0.833
Barlow_BV10_9	37.53	0.00	0.00	34.99	1.42	0.00	0.66	0.038
Barlow_BV100	37.53	357.80	0.00	47.23	347.53	0.29	20.73	0.879
Barlow_BV101	0.00	385.07	0.00	0.00	378.01	0.29	20.73	0.982
Barlow_BV101_Pann	37.53	0.00	0.00	0.00	37.26	0.03	19.66	0.993
Barlow_BV102	37.53	357.76	0.00	47.57	347.17	0.31	22.04	0.878
Barlow_BV103	0.00	402.44	0.00	0.00	395.20	0.30	22.04	0.982
Barlow_BV103_Pann	37.53	0.00	0.00	0.00	37.26	0.03	19.69	0.993
Barlow_BV104	37.53	379.52	0.00	47.74	368.63	0.32	23.26	0.884
Barlow_BV105	0.00	437.31	0.00	0.00	430.11	0.31	23.24	0.984
Barlow_BV105_Pann	37.53	0.00	0.00	0.00	37.26	0.03	18.91	0.993
Barlow_BV106	37.53	383.78	0.00	48.08	372.66	0.33	23.99	0.885
Barlow_BV107	0.00	447.70	0.00	0.00	440.48	0.33	23.91	0.984
Barlow_BV107_Pann	37.53	0.00	0.00	0.00	37.26	0.03	19.17	0.993
Barlow_BV108	37.53	380.14	0.00	48.25	368.81	0.34	24.21	0.883
Barlow_BV109	0.00	480.39	0.00	0.00	473.19	0.34	24.16	0.985
Barlow_BV109_Pann	37.53	0.00	0.00	0.00	37.26	0.03	18.50	0.993
Barlow_BV11	37.53	0.00	0.00	35.50	0.83	0.01	1.61	0.022
Barlow_BV11_1	37.53	284.70	0.00	41.62	280.04	0.20	20.43	0.869
Barlow_BV11_2	37.53	161.53	0.00	37.71	160.72	0.03	4.65	0.807
Barlow_BV11_3	37.53	0.00	0.00	1.05	35.18	0.01	6.94	0.938
Barlow_BV110	37.53	412.76	0.00	48.42	401.21	0.35	24.91	0.891
Barlow_BV111	0.00	520.22	0.00	0.00	513.04	0.35	24.88	0.986
Barlow_BV111_Pann	37.53	0.00	0.00	0.00	37.26	0.03	17.64	0.993
Barlow_BV112	37.53	460.95	0.00	48.76	449.14	0.37	25.34	0.901
Barlow_BV113	0.00	635.05	0.00	0.00	628.08	0.36	25.26	0.989
Barlow_BV113_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.89	0.993
Barlow_BV114	37.53	521.21	0.00	48.93	509.15	0.37	24.95	0.911
Barlow_BV115	0.00	713.20	0.00	0.00	706.08	0.37	24.90	0.990
Barlow_BV115_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.57	0.993
Barlow_BV116	37.53	565.33	0.00	49.27	553.01	0.38	25.57	0.917
Barlow_BV117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV117_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.55	0.993
Barlow_BV118	37.53	30.07	0.00	34.65	32.36	0.02	14.60	0.479

Barlow_BV119	0.00	44.06	0.00	0.00	36.90	0.02	10.69	0.838
Barlow_BV119_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.33	0.993
Barlow_BV12	37.53	0.00	0.00	1.05	35.17	0.02	12.11	0.937
Barlow_BV12_1	37.53	0.00	0.00	1.05	35.18	0.01	10.25	0.938
Barlow_BV12_10	37.53	0.00	0.00	1.05	35.18	0.00	0.59	0.937
Barlow_BV12_11	37.53	0.00	0.00	1.05	35.18	0.01	6.54	0.938
Barlow_BV12_12	37.53	0.00	0.00	1.05	35.20	0.01	6.72	0.938
Barlow_BV12_18	37.53	0.00	0.00	7.88	28.92	0.02	15.67	0.771
Barlow_BV12_2	37.53	0.00	0.00	1.05	35.18	0.01	10.30	0.938
Barlow_BV12_3	37.53	0.00	0.00	1.05	35.18	0.02	12.19	0.938
Barlow_BV12_4	37.53	0.00	0.00	1.05	35.18	0.02	15.06	0.938
Barlow_BV12_5	37.53	0.00	0.00	1.05	35.18	0.02	12.08	0.938
Barlow_BV12_6	37.53	0.00	0.00	1.05	35.20	0.02	11.40	0.938
Barlow_BV12_8	37.53	0.00	0.00	1.05	35.18	0.00	0.56	0.937
Barlow_BV12_9	37.53	0.00	0.00	1.05	35.18	0.02	13.68	0.938
Barlow_BV120	37.53	64.42	0.00	35.84	65.51	0.04	13.28	0.643
Barlow_BV121	0.00	88.21	0.00	0.00	81.24	0.03	11.06	0.921
Barlow_BV121_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.54	0.993
Barlow_BV122	37.53	99.65	0.00	36.52	100.01	0.05	12.24	0.729
Barlow_BV123	0.00	145.80	0.00	0.00	138.93	0.05	12.19	0.953
Barlow_BV123_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.60	0.993
Barlow_BV124	37.53	148.46	0.00	37.37	148.12	0.06	13.08	0.796
Barlow_BV125	0.00	217.76	0.00	0.00	210.94	0.06	13.02	0.969
Barlow_BV125_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.94	0.993
Barlow_BV126	37.53	187.37	0.00	37.88	186.41	0.07	13.62	0.829
Barlow_BV127	0.00	255.50	0.00	0.00	248.40	0.06	13.54	0.972
Barlow_BV127_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.71	0.993
Barlow_BV128	37.53	227.65	0.00	38.56	226.07	0.07	14.02	0.853
Barlow_BV129	0.00	369.21	0.00	0.00	362.46	0.07	13.96	0.982
Barlow_BV129_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.15	0.993
Barlow_BV13_1	37.53	49.28	0.00	37.03	48.81	0.09	18.52	0.562
Barlow_BV13_18	37.53	350.93	0.00	40.09	347.82	0.21	27.59	0.895
Barlow_BV13_2	37.53	0.00	0.00	34.32	2.00	0.00	1.17	0.053
Barlow_BV130	37.53	335.64	0.00	39.24	333.36	0.08	14.28	0.893
Barlow_BV131	0.00	594.03	0.00	0.00	587.86	0.08	14.23	0.990
Barlow_BV131_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.45	0.993
Barlow_BV132_1	0.00	30.33	0.00	0.00	22.59	0.01	1.95	0.745
Barlow_BV132_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.66	0.993
Barlow_BV132_2	0.00	28.93	0.00	0.00	21.18	0.01	1.45	0.732
Barlow_BV132_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.59	0.993
Barlow_BV133_1	37.53	50.74	0.00	36.18	51.45	0.02	10.41	0.583
Barlow_BV133_2	37.53	43.46	0.00	36.01	44.28	0.02	8.18	0.547
Barlow_BV134_1	0.00	63.59	0.00	0.00	56.40	0.02	7.46	0.887
Barlow_BV134_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.22	0.993
Barlow_BV134_2	0.00	55.74	0.00	0.00	48.69	0.02	4.83	0.874

Barlow_BV134_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.11	0.993
Barlow_BV135_1	37.53	96.65	0.00	37.03	96.56	0.03	9.88	0.720
Barlow_BV135_2	37.53	68.11	0.00	36.69	68.30	0.03	8.74	0.647
Barlow_BV136_1	0.00	112.54	0.00	0.00	105.85	0.03	8.23	0.941
Barlow_BV136_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.67	0.993
Barlow_BV136_2	0.00	72.72	0.00	0.00	65.64	0.02	5.90	0.903
Barlow_BV136_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.61	0.993
Barlow_BV137_1	37.53	124.23	0.00	37.54	123.52	0.04	8.99	0.764
Barlow_BV137_2	37.53	80.04	0.00	37.20	79.72	0.04	10.36	0.678
Barlow_BV138_1	0.00	145.24	0.00	0.00	138.04	0.04	8.67	0.950
Barlow_BV138_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.51	0.993
Barlow_BV138_2	0.00	93.67	0.00	0.00	86.57	0.04	7.14	0.924
Barlow_BV138_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.52	0.993
Barlow_BV139_1	37.53	165.60	0.00	38.22	164.24	0.05	9.47	0.809
Barlow_BV139_2	37.53	106.75	0.00	37.71	105.89	0.05	11.33	0.734
Barlow_BV14_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV14_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.68	0.993
Barlow_BV14_2	0.00	216.14	0.00	0.00	209.01	0.02	4.63	0.967
Barlow_BV14_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.00	0.993
Barlow_BV14_3	37.53	7.87	0.00	37.72	6.41	0.27	30.15	0.141
Barlow_BV14_5	37.53	0.00	0.00	34.82	1.60	0.00	1.40	0.043
Barlow_BV14_6	37.53	0.00	0.00	34.49	1.88	0.01	2.20	0.050
Barlow_BV14_7	37.53	0.00	0.00	34.99	1.33	0.00	1.22	0.036
Barlow_BV140_1	0.00	199.29	0.00	0.00	192.35	0.05	9.44	0.965
Barlow_BV140_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.55	0.993
Barlow_BV140_2	0.00	123.76	0.00	0.00	116.51	0.05	8.24	0.941
Barlow_BV140_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.44	0.993
Barlow_BV141_1	37.53	185.60	0.00	38.73	183.74	0.06	10.05	0.823
Barlow_BV141_2	37.53	119.18	0.00	38.22	117.91	0.06	11.25	0.752
Barlow_BV142_1	0.00	243.69	0.00	0.00	236.55	0.06	10.02	0.971
Barlow_BV142_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.11	0.993
Barlow_BV142_2	0.00	141.93	0.00	0.00	134.83	0.06	9.26	0.950
Barlow_BV142_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.19	0.993
Barlow_BV143_1	37.53	236.70	0.00	39.41	234.24	0.06	10.50	0.854
Barlow_BV143_2	37.53	143.52	0.00	38.73	141.77	0.07	12.06	0.783
Barlow_BV144_1	0.00	293.34	0.00	0.00	286.23	0.06	10.47	0.976
Barlow_BV144_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.65	0.993
Barlow_BV144_2	0.00	168.05	0.00	0.00	160.82	0.07	10.30	0.957
Barlow_BV144_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.32	0.993
Barlow_BV145_1	37.53	260.23	0.00	39.92	257.25	0.07	10.87	0.864
Barlow_BV145_2	37.53	146.96	0.00	39.07	144.84	0.09	12.20	0.785
Barlow_BV146_1	0.00	365.00	0.00	0.00	357.95	0.07	10.83	0.981
Barlow_BV146_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.95	0.993
Barlow_BV146_2	0.00	201.20	0.00	0.00	194.06	0.08	11.42	0.964
Barlow_BV146_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.98	0.993

Barlow_BV147_1	37.53	313.22	0.00	40.43	309.69	0.07	11.14	0.883
Barlow_BV147_2	37.53	165.68	0.00	39.41	163.15	0.10	12.42	0.803
Barlow_BV148_1	0.00	444.25	0.00	0.00	437.19	0.07	11.14	0.984
Barlow_BV148_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.35	0.993
Barlow_BV148_2	0.00	223.06	0.00	0.00	216.04	0.09	12.41	0.969
Barlow_BV148_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.22	0.993
Barlow_BV149_1	37.53	336.32	0.00	40.94	332.27	0.08	11.44	0.889
Barlow_BV149_2	37.53	176.05	0.00	39.75	173.13	0.11	13.34	0.811
Barlow_BV15_1	37.53	30.84	0.00	34.65	33.12	0.02	14.74	0.484
Barlow_BV15_2	37.53	198.39	0.00	38.39	196.97	0.03	4.88	0.835
Barlow_BV15_3	37.53	26.87	0.00	39.24	23.99	0.08	14.37	0.373
Barlow_BV150_1	0.00	489.12	0.00	0.00	482.10	0.08	11.43	0.986
Barlow_BV150_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.17	0.993
Barlow_BV150_2	0.00	217.90	0.00	0.00	210.92	0.10	13.33	0.968
Barlow_BV150_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.82	0.993
Barlow_BV151_1	37.53	428.80	0.00	41.62	424.17	0.08	11.51	0.910
Barlow_BV151_2	37.53	201.06	0.00	40.26	197.73	0.12	14.25	0.829
Barlow_BV152_1	0.00	537.09	0.00	0.00	529.94	0.08	11.49	0.987
Barlow_BV152_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.99	0.993
Barlow_BV152_2	0.00	222.90	0.00	0.00	215.76	0.12	14.23	0.968
Barlow_BV152_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.04	0.993
Barlow_BV153_1	37.53	519.94	0.00	42.30	514.62	0.09	11.39	0.923
Barlow_BV153_2	37.53	220.13	0.00	40.60	216.36	0.13	15.14	0.840
Barlow_BV154_1	0.00	659.98	0.00	0.00	653.10	0.09	11.38	0.990
Barlow_BV154_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.39	0.993
Barlow_BV154_2	0.00	251.01	0.00	0.00	243.76	0.13	15.12	0.971
Barlow_BV154_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.91	0.993
Barlow_BV155_1	37.53	598.93	0.00	42.81	593.06	0.09	11.28	0.932
Barlow_BV155_2	37.53	231.46	0.00	41.11	227.34	0.15	15.89	0.845
Barlow_BV156_1	0.00	765.40	0.00	0.00	758.38	0.09	11.27	0.991
Barlow_BV156_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.03	0.993
Barlow_BV156_2	0.00	262.81	0.00	0.00	255.61	0.14	15.86	0.973
Barlow_BV156_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.61	0.993
Barlow_BV157_1	37.53	721.63	0.00	43.49	715.13	0.09	11.19	0.942
Barlow_BV157_2	37.53	244.71	0.00	41.45	240.22	0.16	16.43	0.851
Barlow_BV158_1	0.00	991.95	0.00	0.00	985.27	0.09	11.18	0.993
Barlow_BV158_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.41	0.993
Barlow_BV158_2	0.00	292.68	0.00	0.00	285.45	0.16	16.40	0.975
Barlow_BV158_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.35	0.993
Barlow_BV159_1	37.53	1001.01	0.00	44.17	993.81	0.09	11.11	0.957
Barlow_BV159_2	37.53	262.92	0.00	41.79	258.07	0.18	16.94	0.859
Barlow_BV16_1	0.00	43.75	0.00	0.00	36.59	0.02	10.85	0.836
Barlow_BV16_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.51	0.993
Barlow_BV16_2	0.00	257.86	0.00	0.00	250.70	0.03	4.86	0.972
Barlow_BV16_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.85	0.993

Barlow_BV16_3	37.53	0.00	0.00	1.05	35.18	0.01	8.01	0.938
Barlow_BV16_4	37.53	0.00	0.00	1.05	35.18	0.01	8.14	0.938
Barlow_BV16_5	37.53	0.00	0.00	1.05	35.18	0.02	15.87	0.937
Barlow_BV16_7	37.53	0.00	0.00	1.05	35.19	0.02	15.57	0.938
Barlow_BV16_8	37.53	0.00	0.00	1.05	35.18	0.00	0.51	0.937
Barlow_BV16_9	37.53	0.00	0.00	1.05	35.18	0.00	0.51	0.937
Barlow_BV160_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV160_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.45	0.993
Barlow_BV160_2	0.00	324.37	0.00	0.00	317.17	0.17	16.89	0.978
Barlow_BV160_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.01	0.993
Barlow_BV161_1	37.53	34.21	0.00	34.65	36.43	0.00	1.56	0.508
Barlow_BV161_2	37.53	299.14	0.00	42.13	293.86	0.19	17.09	0.873
Barlow_BV162_1	0.00	52.91	0.00	0.00	46.35	0.00	1.33	0.876
Barlow_BV162_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.09	0.993
Barlow_BV162_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV162_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.49	0.993
Barlow_BV163_1	37.53	74.72	0.00	35.84	75.72	0.00	1.41	0.675
Barlow_BV163_2	37.53	30.75	0.00	34.65	33.04	0.02	13.46	0.484
Barlow_BV164_1	0.00	127.09	0.00	0.00	120.96	0.00	1.34	0.952
Barlow_BV164_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.73	0.993
Barlow_BV164_2	0.00	48.72	0.00	0.00	41.77	0.02	10.66	0.857
Barlow_BV164_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.26	0.993
Barlow_BV165_1	37.53	152.77	0.00	36.86	152.87	0.00	1.38	0.803
Barlow_BV165_2	37.53	58.07	0.00	35.84	59.23	0.03	11.47	0.620
Barlow_BV166_1	0.00	277.07	0.00	0.00	271.70	0.00	1.34	0.981
Barlow_BV166_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.41	0.993
Barlow_BV166_2	0.00	92.54	0.00	0.00	85.45	0.03	10.65	0.923
Barlow_BV166_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.94	0.993
Barlow_BV167_1	37.53	411.95	0.00	38.05	411.02	0.00	1.36	0.914
Barlow_BV167_2	37.53	90.66	0.00	36.52	91.11	0.04	11.41	0.711
Barlow_BV168	0.00	135.94	0.00	0.00	128.83	0.04	11.34	0.948
Barlow_BV168_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.11	0.993
Barlow_BV169	37.53	134.33	0.00	37.20	134.09	0.05	12.14	0.780
Barlow_BV17_1	37.53	63.14	0.00	35.84	64.25	0.04	13.48	0.638
Barlow_BV17_2	37.53	245.55	0.00	39.07	243.52	0.03	5.07	0.860
Barlow_BV17_3	37.53	0.00	0.00	1.05	35.18	0.02	13.46	0.938
Barlow_BV17_4	37.53	0.00	0.00	1.05	35.18	0.01	5.14	0.938
Barlow_BV17_5	37.53	0.00	0.00	1.05	35.18	0.02	12.67	0.938
Barlow_BV170	0.00	216.21	0.00	0.00	209.48	0.05	12.04	0.969
Barlow_BV170_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.22	0.993
Barlow_BV171	37.53	191.03	0.00	37.88	190.09	0.06	12.49	0.832
Barlow_BV172	0.00	325.57	0.00	0.00	318.85	0.06	12.40	0.979
Barlow_BV172_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.69	0.993
Barlow_BV173	37.53	308.40	0.00	38.73	306.71	0.06	12.66	0.887
Barlow_BV174	0.00	512.81	0.00	0.00	506.59	0.06	12.59	0.988

Barlow_BV174_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.24	0.993
Barlow_BV175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV175_10	37.53	0.00	0.00	35.50	0.75	0.00	0.78	0.020
Barlow_BV175_126	37.53	0.00	0.00	34.99	1.26	0.00	0.35	0.034
Barlow_BV175_14	37.53	0.00	0.00	35.67	0.66	0.00	0.34	0.018
Barlow_BV175_190	37.53	0.00	0.00	36.18	0.16	0.00	0.60	0.004
Barlow_BV175_2	37.53	76.04	0.00	37.20	75.67	0.05	14.71	0.666
Barlow_BV175_31	37.53	0.00	0.00	35.16	1.11	0.00	0.25	0.030
Barlow_BV175_34	37.53	189.22	0.00	39.24	186.98	0.11	14.96	0.825
Barlow_BV175_36	37.53	151.29	0.00	38.73	149.54	0.09	14.57	0.792
Barlow_BV175_62	37.53	292.46	0.00	40.60	288.73	0.14	17.30	0.875
Barlow_BV175_63	37.53	59.11	0.00	36.69	59.21	0.03	10.91	0.613
Barlow_BV175_64	37.53	54.46	0.00	36.18	55.10	0.02	7.48	0.599
Barlow_BV175_65	37.53	38.76	0.00	35.50	40.10	0.01	5.43	0.526
Barlow_BV175_66	37.53	23.86	0.00	34.65	26.12	0.01	3.61	0.426
Barlow_BV175_67	37.53	96.17	0.00	37.71	95.38	0.06	14.12	0.713
Barlow_BV175_68	37.53	122.11	0.00	38.22	120.85	0.08	14.43	0.757
Barlow_BV175_69	37.53	248.01	0.00	40.09	244.77	0.13	16.69	0.857
Barlow_BV175_70	37.53	206.09	0.00	39.58	203.39	0.12	15.89	0.835
Barlow_BV175_78	37.53	32.89	0.00	34.65	35.14	0.01	7.14	0.499
Barlow_BV175_79	37.53	78.43	0.00	36.01	79.38	0.02	6.41	0.685
Barlow_BV175_80	37.53	164.99	0.00	36.86	165.03	0.02	6.23	0.815
Barlow_BV175_82	37.53	0.00	0.00	36.01	0.37	0.00	0.86	0.010
Barlow_BV175_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.37	0.993
Barlow_BV176	37.53	23.75	0.00	34.65	26.01	0.01	3.61	0.424
Barlow_BV177	0.00	26.26	0.00	0.00	18.78	0.00	1.37	0.715
Barlow_BV177_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.23	0.993
Barlow_BV178	37.53	550.52	0.00	43.49	544.01	0.18	17.77	0.925
Barlow_BV179	0.00	575.29	0.00	0.00	567.86	0.18	17.76	0.987
Barlow_BV179_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.11	0.993
Barlow_BV18_1	37.53	0.00	0.00	35.50	0.79	0.00	1.33	0.021
Barlow_BV18_2	0.00	193.31	0.00	0.00	186.40	0.06	13.29	0.964
Barlow_BV18_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.08	0.993
Barlow_BV18_3	0.00	464.78	0.00	0.00	457.98	0.04	5.40	0.985
Barlow_BV18_3_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.05	0.993
Barlow_BV180_1	37.53	419.96	0.00	44.17	412.72	0.19	17.48	0.902
Barlow_BV181_1	0.00	503.07	0.00	0.00	496.11	0.18	17.46	0.986
Barlow_BV181_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.58	0.993
Barlow_BV181_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV181_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.60	0.993
Barlow_BV182_1	37.53	412.00	0.00	44.68	404.29	0.19	17.16	0.899
Barlow_BV182_2	37.53	13.82	0.00	34.49	16.13	0.00	0.57	0.314
Barlow_BV183_1	0.00	497.83	0.00	0.00	490.75	0.19	17.14	0.986
Barlow_BV183_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.08	0.993
Barlow_BV183_2	0.00	13.51	0.00	0.00	5.68	0.00	0.09	0.420

Barlow_BV183_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.92	0.993
Barlow_BV184_1	37.53	442.67	0.00	45.19	434.49	0.20	16.85	0.905
Barlow_BV184_2	37.53	25.42	0.00	35.16	27.02	0.00	2.04	0.429
Barlow_BV185_1	0.00	490.52	0.00	0.00	483.33	0.20	16.83	0.985
Barlow_BV185_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.65	0.993
Barlow_BV185_2	0.00	25.59	0.00	0.00	17.88	0.00	0.68	0.699
Barlow_BV185_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.42	0.993
Barlow_BV186_1	37.53	420.36	0.00	45.53	411.78	0.21	16.50	0.899
Barlow_BV186_2	37.53	327.63	0.00	40.26	324.26	0.06	9.98	0.888
Barlow_BV187_1	0.00	500.23	0.00	0.00	493.06	0.21	16.49	0.986
Barlow_BV187_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.85	0.993
Barlow_BV187_2	0.00	344.07	0.00	0.00	336.96	0.06	9.97	0.979
Barlow_BV187_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.66	0.993
Barlow_BV188_1	37.53	435.69	0.00	45.87	426.70	0.22	16.19	0.902
Barlow_BV188_2	37.53	258.09	0.00	41.11	253.91	0.07	9.83	0.859
Barlow_BV189_1	0.00	508.45	0.00	0.00	501.26	0.21	16.18	0.986
Barlow_BV189_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.09	0.993
Barlow_BV189_2	0.00	293.23	0.00	0.00	286.21	0.06	9.82	0.976
Barlow_BV189_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.85	0.993
Barlow_BV19_1	0.00	86.43	0.00	0.00	79.41	0.03	11.24	0.919
Barlow_BV19_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.88	0.993
Barlow_BV19_3	0.00	311.03	0.00	0.00	303.92	0.03	5.06	0.977
Barlow_BV19_3_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.62	0.993
Barlow_BV190_1	37.53	429.21	0.00	46.38	419.85	0.23	15.85	0.900
Barlow_BV190_2	37.53	254.72	0.00	41.62	250.07	0.07	9.64	0.856
Barlow_BV191_1	0.00	533.00	0.00	0.00	525.81	0.22	15.82	0.987
Barlow_BV191_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.96	0.993
Barlow_BV191_2	0.00	330.74	0.00	0.00	323.58	0.07	9.63	0.978
Barlow_BV191_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.62	0.993
Barlow_BV192_1	37.53	413.51	0.00	46.55	403.80	0.23	15.48	0.895
Barlow_BV192_2	37.53	286.82	0.00	42.13	281.70	0.08	9.43	0.869
Barlow_BV193_1	0.00	540.90	0.00	0.00	533.86	0.23	15.47	0.987
Barlow_BV193_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.14	0.993
Barlow_BV193_2	0.00	390.38	0.00	0.00	383.28	0.08	9.42	0.982
Barlow_BV193_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.10	0.993
Barlow_BV194_1	37.53	421.96	0.00	47.06	411.90	0.24	15.12	0.896
Barlow_BV194_2	37.53	324.89	0.00	42.64	319.28	0.08	9.27	0.881
Barlow_BV195_1	0.00	520.01	0.00	0.00	513.00	0.24	15.09	0.987
Barlow_BV195_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.94	0.993
Barlow_BV195_2	0.00	424.04	0.00	0.00	416.91	0.08	9.25	0.983
Barlow_BV195_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.97	0.993
Barlow_BV196_1	37.53	432.88	0.00	47.40	422.45	0.25	14.74	0.898
Barlow_BV196_2	37.53	367.94	0.00	43.15	361.81	0.09	9.09	0.892
Barlow_BV197_1	0.00	530.09	0.00	0.00	522.93	0.24	14.73	0.986
Barlow_BV197_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.10	0.993

Barlow_BV197_2	0.00	495.66	0.00	0.00	488.58	0.08	9.07	0.986
Barlow_BV197_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.48	0.993
Barlow_BV198_1	37.53	420.60	0.00	47.74	409.83	0.25	14.69	0.895
Barlow_BV198_2	37.53	400.75	0.00	43.66	394.14	0.09	8.90	0.899
Barlow_BV199_1	0.00	554.16	0.00	0.00	547.03	0.25	14.68	0.987
Barlow_BV199_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.92	0.993
Barlow_BV199_2	0.00	580.97	0.00	0.00	573.90	0.09	8.88	0.988
Barlow_BV199_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.99	0.993
Barlow_BV2	0.00	27.20	0.00	0.00	19.78	0.00	1.45	0.727
Barlow_BV2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.05	0.993
Barlow_BV200_1	37.53	419.31	0.00	48.08	408.20	0.26	15.39	0.894
Barlow_BV200_2	37.53	465.93	0.00	44.17	458.82	0.09	8.76	0.911
Barlow_BV201_1	0.00	545.12	0.00	0.00	538.13	0.26	15.37	0.987
Barlow_BV201_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.43	0.993
Barlow_BV201_2	0.00	597.94	0.00	0.00	590.87	0.09	8.75	0.988
Barlow_BV201_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.02	0.993
Barlow_BV202_1	37.53	431.54	0.00	48.42	420.09	0.27	15.89	0.896
Barlow_BV202_2	37.53	515.14	0.00	44.68	507.48	0.10	8.62	0.918
Barlow_BV203_1	0.00	485.31	0.00	0.00	478.28	0.26	15.86	0.986
Barlow_BV203_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.35	0.993
Barlow_BV203_2	0.00	652.48	0.00	0.00	645.35	0.09	8.60	0.989
Barlow_BV203_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.81	0.993
Barlow_BV204_1	37.53	457.71	0.00	48.76	445.82	0.28	16.31	0.900
Barlow_BV204_2	37.53	635.09	0.00	45.19	626.79	0.10	8.48	0.932
Barlow_BV205_1	0.00	513.26	0.00	0.00	506.05	0.27	16.26	0.986
Barlow_BV205_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.04	0.993
Barlow_BV205_2	0.00	733.58	0.00	0.00	726.55	0.10	8.46	0.990
Barlow_BV205_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.50	0.993
Barlow_BV206_1	37.53	460.12	0.00	49.10	447.91	0.29	16.55	0.900
Barlow_BV206_2	37.53	721.08	0.00	45.87	712.20	0.10	8.37	0.939
Barlow_BV207_1	0.00	524.06	0.00	0.00	516.84	0.28	16.49	0.986
Barlow_BV207_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.17	0.993
Barlow_BV207_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV207_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.06	0.993
Barlow_BV208_1	37.53	444.42	0.00	49.44	431.90	0.29	16.77	0.896
Barlow_BV208_2	37.53	32.57	0.00	34.65	34.83	0.00	3.29	0.497
Barlow_BV209_1	0.00	533.62	0.00	0.00	526.44	0.29	16.73	0.987
Barlow_BV209_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.30	0.993
Barlow_BV209_2	0.00	46.55	0.00	0.00	39.56	0.00	2.58	0.850
Barlow_BV209_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.62	0.993
Barlow_BV21_1	37.53	98.79	0.00	36.52	99.17	0.05	12.43	0.727
Barlow_BV21_2	37.53	297.07	0.00	39.58	294.41	0.03	5.24	0.880
Barlow_BV210_1	37.53	419.92	0.00	49.78	407.12	0.30	17.31	0.890
Barlow_BV210_2	37.53	63.60	0.00	35.84	64.72	0.01	2.82	0.640
Barlow_BV211_1	0.00	544.54	0.00	0.00	537.46	0.30	17.29	0.987

Barlow_BV211_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.35	0.993
Barlow_BV211_2	0.00	89.72	0.00	0.00	82.68	0.01	2.62	0.921
Barlow_BV211_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.28	0.993
Barlow_BV212_1	37.53	450.35	0.00	50.12	437.21	0.31	17.89	0.896
Barlow_BV212_2	37.53	106.61	0.00	36.69	106.93	0.01	2.82	0.742
Barlow_BV213_1	0.00	517.77	0.00	0.00	510.68	0.30	17.84	0.986
Barlow_BV213_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.46	0.993
Barlow_BV213_2	0.00	134.00	0.00	0.00	126.96	0.01	2.78	0.947
Barlow_BV213_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.05	0.993
Barlow_BV214_1	37.53	454.34	0.00	50.46	440.85	0.32	18.18	0.896
Barlow_BV214_2	37.53	152.63	0.00	37.37	152.20	0.01	2.98	0.800
Barlow_BV215_1	0.00	534.36	0.00	0.00	527.16	0.31	18.13	0.987
Barlow_BV215_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.39	0.993
Barlow_BV215_2	0.00	215.61	0.00	0.00	209.08	0.01	2.97	0.970
Barlow_BV215_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.55	0.993
Barlow_BV216_1	37.53	454.90	0.00	50.80	441.11	0.33	18.67	0.896
Barlow_BV216_2	37.53	214.21	0.00	38.05	213.11	0.01	3.09	0.847
Barlow_BV217_1	0.00	527.75	0.00	0.00	520.59	0.32	18.64	0.986
Barlow_BV217_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.96	0.993
Barlow_BV217_2	0.00	300.10	0.00	0.00	293.29	0.01	3.07	0.977
Barlow_BV217_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.27	0.993
Barlow_BV218	37.53	408.61	0.00	50.97	394.56	0.33	19.76	0.884
Barlow_BV219	0.00	517.67	0.00	0.00	510.64	0.33	19.75	0.986
Barlow_BV219_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.60	0.993
Barlow_BV22_1	0.00	53.08	0.00	0.00	46.48	0.01	6.02	0.876
Barlow_BV22_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.97	0.993
Barlow_BV220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV220_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.24	0.993
Barlow_BV221	37.53	22.39	0.00	34.65	24.65	0.01	3.45	0.411
Barlow_BV222	0.00	25.39	0.00	0.00	17.80	0.00	1.26	0.701
Barlow_BV222_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.23	0.993
Barlow_BV223	37.53	44.85	0.00	35.67	46.13	0.01	5.64	0.560
Barlow_BV224	0.00	60.21	0.00	0.00	53.01	0.01	4.03	0.880
Barlow_BV224_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.92	0.993
Barlow_BV225	37.53	57.75	0.00	36.18	58.47	0.02	5.27	0.614
Barlow_BV226	0.00	67.31	0.00	0.00	60.12	0.02	4.20	0.893
Barlow_BV226_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.68	0.993
Barlow_BV227	37.53	472.48	0.00	42.81	466.54	0.18	18.58	0.915
Barlow_BV228	0.00	620.48	0.00	0.00	613.56	0.18	18.53	0.989
Barlow_BV228_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.69	0.993
Barlow_BV229	37.53	408.66	0.00	43.66	401.90	0.19	18.17	0.901
Barlow_BV23_1	0.00	126.15	0.00	0.00	120.05	0.02	6.04	0.952
Barlow_BV23_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.34	0.993
Barlow_BV23_2	0.00	307.56	0.00	0.00	302.56	0.02	6.10	0.984
Barlow_BV23_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.71	0.993

Barlow_BV230	0.00	498.95	0.00	0.00	491.86	0.19	18.16	0.986
Barlow_BV230_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.87	0.993
Barlow_BV231	37.53	395.29	0.00	44.17	388.06	0.20	17.83	0.897
Barlow_BV232	0.00	510.08	0.00	0.00	503.00	0.20	17.81	0.986
Barlow_BV232_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.05	0.993
Barlow_BV233_1	37.53	395.51	0.00	44.51	387.86	0.21	17.47	0.896
Barlow_BV234_1	0.00	503.84	0.00	0.00	496.82	0.20	17.46	0.986
Barlow_BV234_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.57	0.993
Barlow_BV234_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV234_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.70	0.993
Barlow_BV235_1	37.53	396.19	0.00	45.02	388.12	0.21	17.12	0.895
Barlow_BV235_2	37.53	13.41	0.00	34.49	15.71	0.00	0.67	0.308
Barlow_BV236_1	0.00	496.43	0.00	0.00	489.39	0.21	17.10	0.986
Barlow_BV236_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.14	0.993
Barlow_BV236_2	0.00	13.39	0.00	0.00	5.55	0.00	0.11	0.415
Barlow_BV236_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.28	0.993
Barlow_BV237_1	37.53	403.67	0.00	45.36	395.19	0.22	16.74	0.896
Barlow_BV237_2	37.53	25.99	0.00	35.16	27.57	0.00	2.43	0.434
Barlow_BV238_1	0.00	501.59	0.00	0.00	494.47	0.22	16.74	0.986
Barlow_BV238_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.45	0.993
Barlow_BV238_2	0.00	28.56	0.00	0.00	21.00	0.00	0.90	0.735
Barlow_BV238_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.63	0.993
Barlow_BV239_1	37.53	413.78	0.00	45.87	404.91	0.23	16.39	0.897
Barlow_BV239_2	37.53	389.32	0.00	39.58	386.79	0.09	14.97	0.906
Barlow_BV24_1	0.00	131.87	0.00	0.00	124.81	0.05	12.37	0.946
Barlow_BV24_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.66	0.993
Barlow_BV24_2	0.00	352.08	0.00	0.00	344.92	0.03	5.24	0.980
Barlow_BV24_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.51	0.993
Barlow_BV240_1	0.00	541.14	0.00	0.00	533.96	0.23	16.37	0.987
Barlow_BV240_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.01	0.993
Barlow_BV240_2	0.00	442.05	0.00	0.00	434.92	0.09	14.95	0.984
Barlow_BV240_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.08	0.993
Barlow_BV241_1	37.53	443.82	0.00	46.21	434.53	0.24	16.03	0.903
Barlow_BV241_2	37.53	301.46	0.00	40.26	298.08	0.09	15.27	0.879
Barlow_BV242_1	0.00	627.15	0.00	0.00	620.03	0.23	16.02	0.989
Barlow_BV242_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.82	0.993
Barlow_BV242_2	0.00	358.87	0.00	0.00	351.83	0.09	15.26	0.980
Barlow_BV242_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.61	0.993
Barlow_BV243_1	37.53	463.90	0.00	46.55	454.20	0.24	15.70	0.906
Barlow_BV243_2	37.53	284.29	0.00	40.77	280.42	0.10	15.29	0.871
Barlow_BV244_1	0.00	568.55	0.00	0.00	561.58	0.24	15.68	0.988
Barlow_BV244_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.11	0.993
Barlow_BV244_2	0.00	347.05	0.00	0.00	340.11	0.10	15.27	0.980
Barlow_BV244_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.30	0.993
Barlow_BV245_1	37.53	492.15	0.00	47.06	482.01	0.25	15.35	0.910

Barlow_BV245_2	37.53	290.76	0.00	41.28	286.41	0.10	15.01	0.872
Barlow_BV246_1	0.00	731.42	0.00	0.00	724.54	0.25	15.35	0.991
Barlow_BV246_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.91	0.993
Barlow_BV246_2	0.00	397.07	0.00	0.00	389.96	0.10	14.97	0.982
Barlow_BV246_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.84	0.993
Barlow_BV247_1	37.53	515.87	0.00	47.40	505.32	0.26	15.05	0.913
Barlow_BV247_2	37.53	326.92	0.00	41.79	322.08	0.11	14.74	0.884
Barlow_BV248_1	0.00	671.99	0.00	0.00	665.08	0.25	15.03	0.990
Barlow_BV248_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.90	0.993
Barlow_BV248_2	0.00	419.31	0.00	0.00	412.23	0.11	14.73	0.983
Barlow_BV248_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.86	0.993
Barlow_BV249_1	37.53	549.78	0.00	47.91	538.81	0.26	14.84	0.917
Barlow_BV249_2	37.53	365.38	0.00	42.30	360.01	0.12	14.51	0.894
Barlow_BV25_1	37.53	140.59	0.00	37.20	140.26	0.06	13.37	0.787
Barlow_BV25_2	37.53	340.11	0.00	40.26	336.86	0.04	5.40	0.892
Barlow_BV250_1	0.00	617.23	0.00	0.00	610.17	0.26	14.81	0.989
Barlow_BV250_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.03	0.993
Barlow_BV250_2	0.00	434.67	0.00	0.00	427.53	0.12	14.49	0.984
Barlow_BV250_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.99	0.993
Barlow_BV251_1	37.53	556.06	0.00	48.42	544.64	0.27	15.19	0.918
Barlow_BV251_2	37.53	408.78	0.00	42.98	402.83	0.12	14.26	0.903
Barlow_BV252_1	0.00	647.82	0.00	0.00	640.61	0.27	15.16	0.989
Barlow_BV252_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.80	0.993
Barlow_BV252_2	0.00	508.93	0.00	0.00	501.90	0.12	14.22	0.986
Barlow_BV252_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.29	0.993
Barlow_BV253_1	37.53	592.60	0.00	48.76	580.74	0.28	15.49	0.922
Barlow_BV253_2	37.53	459.71	0.00	43.49	453.25	0.13	14.05	0.912
Barlow_BV254_1	0.00	773.79	0.00	0.00	766.81	0.27	15.46	0.991
Barlow_BV254_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.27	0.993
Barlow_BV254_2	0.00	579.27	0.00	0.00	572.20	0.13	14.04	0.988
Barlow_BV254_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.78	0.993
Barlow_BV255_1	37.53	654.22	0.00	49.27	641.95	0.28	15.45	0.928
Barlow_BV255_2	37.53	505.24	0.00	44.00	498.28	0.13	13.86	0.918
Barlow_BV256_1	0.00	753.22	0.00	0.00	746.07	0.28	15.39	0.991
Barlow_BV256_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.71	0.993
Barlow_BV256_2	0.00	609.27	0.00	0.00	602.13	0.13	13.83	0.988
Barlow_BV256_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.70	0.993
Barlow_BV257_1	37.53	613.26	0.00	49.61	600.60	0.29	15.12	0.923
Barlow_BV257_2	37.53	515.26	0.00	44.51	507.82	0.14	13.63	0.919
Barlow_BV258_1	0.00	717.43	0.00	0.00	710.34	0.28	15.12	0.990
Barlow_BV258_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.39	0.993
Barlow_BV258_2	0.00	660.16	0.00	0.00	653.05	0.14	13.60	0.989
Barlow_BV258_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.44	0.993
Barlow_BV259_1	37.53	695.57	0.00	50.12	682.37	0.29	14.87	0.931
Barlow_BV259_2	37.53	601.51	0.00	45.02	593.51	0.14	13.45	0.929

Barlow_BV26_1	37.53	203.38	0.00	40.77	199.56	0.17	19.96	0.828
Barlow_BV26_2	37.53	88.94	0.00	36.52	89.33	0.02	4.93	0.706
Barlow_BV260_1	0.00	910.53	0.00	0.00	903.78	0.29	14.86	0.993
Barlow_BV260_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.37	0.993
Barlow_BV260_2	0.00	741.11	0.00	0.00	734.07	0.14	13.44	0.990
Barlow_BV260_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.00	0.993
Barlow_BV261_1	37.53	686.13	0.00	50.46	672.61	0.30	14.60	0.929
Barlow_BV261_2	37.53	593.10	0.00	45.53	584.65	0.15	13.27	0.927
Barlow_BV262_1	0.00	948.94	0.00	0.00	941.86	0.30	14.59	0.993
Barlow_BV262_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.13	0.993
Barlow_BV262_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV262_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.30	0.993
Barlow_BV263_1	37.53	675.70	0.00	50.80	661.82	0.30	14.32	0.928
Barlow_BV263_2	37.53	28.24	0.00	34.65	30.53	0.01	4.63	0.464
Barlow_BV264_1	0.00	855.47	0.00	0.00	848.53	0.30	14.31	0.992
Barlow_BV264_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.12	0.993
Barlow_BV264_2	0.00	38.65	0.00	0.00	31.56	0.01	2.86	0.816
Barlow_BV264_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.48	0.993
Barlow_BV265_1	37.53	679.30	0.00	51.14	665.03	0.31	14.13	0.928
Barlow_BV265_2	37.53	56.42	0.00	35.84	57.59	0.01	4.83	0.613
Barlow_BV266_1	0.00	852.65	0.00	0.00	845.53	0.30	14.13	0.992
Barlow_BV266_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.27	0.993
Barlow_BV266_2	0.00	80.48	0.00	0.00	73.39	0.01	3.67	0.912
Barlow_BV266_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.91	0.993
Barlow_BV267_1	37.53	736.69	0.00	51.65	721.99	0.31	14.63	0.933
Barlow_BV267_2	37.53	87.48	0.00	36.52	87.96	0.02	4.22	0.704
Barlow_BV268_1	0.00	1002.38	0.00	0.00	995.35	0.31	14.61	0.993
Barlow_BV268_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.00	0.993
Barlow_BV268_2	0.00	116.66	0.00	0.00	109.49	0.02	3.91	0.938
Barlow_BV268_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.73	0.993
Barlow_BV269_1	37.53	791.75	0.00	51.99	776.65	0.31	14.47	0.937
Barlow_BV269_2	37.53	120.07	0.00	37.20	119.89	0.02	4.33	0.761
Barlow_BV27_1	0.00	45.09	0.00	0.00	37.92	0.01	2.24	0.841
Barlow_BV27_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.06	0.993
Barlow_BV27_2	0.00	67.45	0.00	0.00	60.22	0.01	3.40	0.893
Barlow_BV27_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.58	0.993
Barlow_BV270_1	0.00	987.35	0.00	0.00	980.26	0.31	14.45	0.993
Barlow_BV270_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.21	0.993
Barlow_BV270_2	0.00	163.56	0.00	0.00	156.46	0.02	4.32	0.957
Barlow_BV270_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.34	0.993
Barlow_BV271_1	37.53	764.35	0.00	52.50	748.85	0.32	14.17	0.934
Barlow_BV271_2	37.53	151.45	0.00	37.71	150.66	0.02	4.65	0.797
Barlow_BV272_1	0.00	981.41	0.00	0.00	974.32	0.31	14.17	0.993
Barlow_BV272_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.34	0.993
Barlow_BV272_2	0.00	214.31	0.00	0.00	207.19	0.02	4.64	0.967

Barlow_BV272_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.00	0.993
Barlow_BV273_1	37.53	733.62	0.00	52.84	717.75	0.32	13.90	0.931
Barlow_BV273_2	37.53	189.05	0.00	38.39	187.66	0.03	4.89	0.828
Barlow_BV274_1	0.00	948.46	0.00	0.00	941.46	0.32	13.89	0.993
Barlow_BV274_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.70	0.993
Barlow_BV274_2	0.00	263.08	0.00	0.00	255.95	0.03	4.88	0.973
Barlow_BV274_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.77	0.993
Barlow_BV275_1	37.53	824.19	0.00	53.18	807.88	0.32	13.64	0.938
Barlow_BV275_2	37.53	237.68	0.00	38.90	235.68	0.03	5.08	0.856
Barlow_BV276_1	0.00	1078.07	0.00	0.00	1070.99	0.32	13.63	0.993
Barlow_BV276_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.75	0.993
Barlow_BV276_2	0.00	324.06	0.00	0.00	316.98	0.03	5.07	0.978
Barlow_BV276_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.49	0.993
Barlow_BV277_1	37.53	890.77	0.00	53.69	874.04	0.33	13.40	0.942
Barlow_BV277_2	37.53	303.63	0.00	39.58	301.00	0.03	5.24	0.882
Barlow_BV278_1	0.00	1022.46	0.00	0.00	1015.35	0.32	13.39	0.993
Barlow_BV278_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.24	0.993
Barlow_BV278_2	0.00	378.78	0.00	0.00	371.67	0.03	5.23	0.981
Barlow_BV278_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.31	0.993
Barlow_BV279_1	37.53	856.09	0.00	54.03	838.94	0.33	13.16	0.939
Barlow_BV279_2	37.53	367.63	0.00	40.26	364.34	0.04	5.38	0.899
Barlow_BV28_1	37.53	45.28	0.00	35.84	46.28	0.01	4.80	0.559
Barlow_BV28_2	37.53	58.85	0.00	35.84	59.99	0.01	4.72	0.623
Barlow_BV280_1	0.00	1071.98	0.00	0.00	1064.80	0.33	13.15	0.993
Barlow_BV280_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.93	0.993
Barlow_BV280_2	0.00	522.74	0.00	0.00	516.11	0.04	5.38	0.987
Barlow_BV280_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.79	0.993
Barlow_BV281_1	37.53	899.29	0.00	54.54	881.73	0.33	12.92	0.941
Barlow_BV281_2	37.53	424.25	0.00	40.77	420.43	0.04	5.42	0.910
Barlow_BV282_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV282_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.94	0.993
Barlow_BV282_2	0.00	620.31	0.00	0.00	613.26	0.04	5.41	0.989
Barlow_BV282_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.58	0.993
Barlow_BV283_1	37.53	33.97	0.00	34.65	36.19	0.01	7.47	0.506
Barlow_BV283_2	37.53	566.89	0.00	41.45	562.41	0.04	5.36	0.931
Barlow_BV284_1	0.00	49.26	0.00	0.00	42.47	0.01	6.13	0.862
Barlow_BV284_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.60	0.993
Barlow_BV284_2	0.00	757.09	0.00	0.00	750.20	0.04	5.36	0.991
Barlow_BV284_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.35	0.993
Barlow_BV285_1	37.53	63.08	0.00	35.84	64.21	0.02	6.60	0.638
Barlow_BV285_2	37.53	758.29	0.00	42.13	753.08	0.04	5.33	0.946
Barlow_BV286_1	0.00	81.53	0.00	0.00	74.37	0.02	6.08	0.912
Barlow_BV286_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.57	0.993
Barlow_BV286_2	0.00	1129.62	0.00	0.00	1123.54	0.04	5.33	0.995
Barlow_BV286_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.93	0.993

Barlow_BV287_1	37.53	93.03	0.00	36.52	93.45	0.02	6.50	0.716
Barlow_BV287_2	37.53	994.97	0.00	42.81	989.11	0.04	5.30	0.958
Barlow_BV288_1	0.00	142.66	0.00	0.00	135.88	0.02	6.41	0.952
Barlow_BV288_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.38	0.993
Barlow_BV288_2	0.00	1661.71	0.00	0.00	1655.47	0.04	5.30	0.996
Barlow_BV288_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.65	0.993
Barlow_BV289_1	37.53	160.77	0.00	37.37	160.36	0.03	6.83	0.809
Barlow_BV289_2	37.53	1692.73	0.00	43.66	1686.08	0.04	5.28	0.974
Barlow_BV29_1	0.00	30.28	0.00	0.00	22.76	0.00	1.09	0.752
Barlow_BV29_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.46	0.993
Barlow_BV29_2	0.00	39.27	0.00	0.00	32.03	0.01	3.11	0.816
Barlow_BV29_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.38	0.993
Barlow_BV290_1	0.00	251.61	0.00	0.00	245.44	0.03	6.79	0.975
Barlow_BV290_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.00	0.993
Barlow_BV290_2	0.00	3010.85	0.00	0.00	3005.68	0.04	5.28	0.998
Barlow_BV290_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.36	0.993
Barlow_BV291_1	0.00	28.78	0.00	0.00	21.44	0.01	5.31	0.745
Barlow_BV291_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.71	0.993
Barlow_BV291_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV291_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.11	0.993
Barlow_BV292_1	37.53	52.51	0.00	35.67	53.64	0.04	17.98	0.596
Barlow_BV292_2	37.53	0.00	0.00	34.32	2.04	0.00	0.03	0.054
Barlow_BV293_1	0.00	70.84	0.00	0.00	63.88	0.03	14.30	0.902
Barlow_BV293_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.14	0.993
Barlow_BV293_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV293_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.85	0.993
Barlow_BV294_1	37.53	75.24	0.00	36.35	75.79	0.06	15.56	0.672
Barlow_BV294_2	37.53	56.86	0.00	36.18	57.60	0.06	18.45	0.610
Barlow_BV295	0.00	69.25	0.00	0.00	62.06	0.04	12.45	0.896
Barlow_BV295_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.31	0.993
Barlow_BV296_1	0.00	100.24	0.00	0.00	93.17	0.05	14.30	0.929
Barlow_BV296_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.38	0.993
Barlow_BV296_2	0.00	103.71	0.00	0.00	96.81	0.06	14.65	0.933
Barlow_BV296_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.59	0.993
Barlow_BV297_1	37.53	111.54	0.00	37.03	111.42	0.07	15.57	0.747
Barlow_BV297_2	37.53	108.19	0.00	36.86	108.25	0.08	16.81	0.743
Barlow_BV298_1	0.00	143.48	0.00	0.00	136.37	0.07	15.46	0.950
Barlow_BV298_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.06	0.993
Barlow_BV298_2	0.00	132.60	0.00	0.00	125.40	0.08	16.36	0.946
Barlow_BV298_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.78	0.993
Barlow_BV299_1	37.53	141.83	0.00	37.71	141.12	0.09	16.74	0.787
Barlow_BV299_2	37.53	134.59	0.00	37.54	134.02	0.10	17.86	0.779
Barlow_BV3	0.00	42.78	0.00	0.00	35.55	0.01	2.46	0.831
Barlow_BV3_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.97	0.993
Barlow_BV30_1	37.53	31.05	0.00	35.33	32.55	0.01	2.98	0.475

Barlow_BV30_2	37.53	31.24	0.00	34.65	33.52	0.01	4.63	0.487
Barlow_BV300_1	0.00	193.07	0.00	0.00	185.97	0.08	16.55	0.963
Barlow_BV300_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.68	0.993
Barlow_BV300_2	0.00	160.39	0.00	0.00	153.17	0.09	17.78	0.955
Barlow_BV300_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.93	0.993
Barlow_BV301_1	37.53	187.83	0.00	38.22	186.50	0.10	17.42	0.828
Barlow_BV301_2	37.53	159.13	0.00	38.05	157.98	0.12	19.11	0.803
Barlow_BV302_1	0.00	263.06	0.00	0.00	256.10	0.10	17.26	0.974
Barlow_BV302_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.84	0.993
Barlow_BV302_2	0.00	199.10	0.00	0.00	191.91	0.11	19.05	0.964
Barlow_BV302_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.13	0.993
Barlow_BV303_1	37.53	240.26	0.00	38.90	238.30	0.11	18.07	0.858
Barlow_BV303_2	37.53	184.86	0.00	38.56	183.18	0.13	20.19	0.824
Barlow_BV304_1	0.00	332.05	0.00	0.00	325.01	0.11	18.03	0.979
Barlow_BV304_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.63	0.993
Barlow_BV304_2	0.00	234.31	0.00	0.00	227.12	0.13	20.13	0.969
Barlow_BV304_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.66	0.993
Barlow_BV305_1	37.53	270.49	0.00	39.41	267.98	0.12	18.65	0.870
Barlow_BV305_2	37.53	207.83	0.00	39.07	205.63	0.15	21.21	0.838
Barlow_BV306_1	0.00	353.61	0.00	0.00	346.56	0.12	18.58	0.980
Barlow_BV306_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.76	0.993
Barlow_BV306_2	0.00	255.71	0.00	0.00	248.56	0.14	21.19	0.972
Barlow_BV306_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.00	0.993
Barlow_BV307_1	37.53	313.36	0.00	40.09	310.28	0.13	19.11	0.884
Barlow_BV307_2	37.53	238.46	0.00	39.75	235.71	0.16	22.16	0.854
Barlow_BV308_1	0.00	441.43	0.00	0.00	434.42	0.13	19.04	0.984
Barlow_BV308_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.54	0.993
Barlow_BV308_2	0.00	284.49	0.00	0.00	277.27	0.16	22.13	0.975
Barlow_BV308_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.89	0.993
Barlow_BV309_1	37.53	408.51	0.00	40.77	404.79	0.14	19.43	0.908
Barlow_BV309_2	37.53	256.90	0.00	40.09	253.66	0.18	22.80	0.862
Barlow_BV310_1	0.00	593.93	0.00	0.00	587.21	0.13	19.38	0.989
Barlow_BV310_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.93	0.993
Barlow_BV310_2	0.00	348.11	0.00	0.00	341.00	0.17	22.73	0.980
Barlow_BV310_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.29	0.993
Barlow_BV311_1	37.53	537.61	0.00	41.28	533.24	0.14	19.39	0.927
Barlow_BV311_2	37.53	279.61	0.00	40.60	275.90	0.19	22.44	0.870
Barlow_BV312_1	0.00	775.09	0.00	0.00	768.35	0.14	19.35	0.991
Barlow_BV312_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.74	0.993
Barlow_BV312_2	0.00	348.78	0.00	0.00	341.77	0.19	22.42	0.980
Barlow_BV312_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.22	0.993
Barlow_BV313_1	37.53	643.78	0.00	41.96	638.82	0.15	19.16	0.938
Barlow_BV313_2	37.53	329.25	0.00	41.11	324.97	0.21	22.05	0.886
Barlow_BV314_1	0.00	761.93	0.00	0.00	754.86	0.14	19.13	0.991
Barlow_BV314_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.97	0.993

Barlow_BV314_2	0.00	444.55	0.00	0.00	437.60	0.20	22.04	0.984
Barlow_BV314_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.97	0.993
Barlow_BV315_1	37.53	756.65	0.00	42.64	750.98	0.15	19.01	0.946
Barlow_BV315_2	37.53	400.34	0.00	41.79	395.53	0.22	21.79	0.903
Barlow_BV316_1	0.00	1118.12	0.00	0.00	1111.94	0.15	19.00	0.994
Barlow_BV316_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.50	0.993
Barlow_BV316_2	0.00	558.63	0.00	0.00	551.69	0.21	21.75	0.988
Barlow_BV316_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.05	0.993
Barlow_BV317_1	37.53	1193.41	0.00	43.49	1186.98	0.15	18.92	0.964
Barlow_BV317_2	37.53	533.91	0.00	42.47	528.44	0.23	21.51	0.925
Barlow_BV318_1	0.00	2030.35	0.00	0.00	2025.10	0.15	18.92	0.997
Barlow_BV318_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.97	0.993
Barlow_BV318_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV318_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.19	0.993
Barlow_BV319_1	37.53	1741.55	0.00	44.17	1734.47	0.16	18.86	0.975
Barlow_BV319_2	37.53	32.62	0.00	34.65	34.87	0.01	8.81	0.497
Barlow_BV32_1	0.00	16.94	0.00	0.00	9.17	0.00	0.24	0.541
Barlow_BV32_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.77	0.993
Barlow_BV32_2	0.00	2.83	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV32_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	4.30	0.993
Barlow_BV320_1	0.00	2329.88	0.00	0.00	2323.02	0.16	18.85	0.997
Barlow_BV320_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.74	0.993
Barlow_BV320_2	0.00	47.15	0.00	0.00	40.19	0.01	6.98	0.852
Barlow_BV320_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.92	0.993
Barlow_BV321_1	37.53	2875.26	0.00	45.19	2867.38	0.16	18.81	0.984
Barlow_BV321_2	37.53	65.65	0.00	35.84	66.75	0.02	7.58	0.647
Barlow_BV322_1	0.00	6856.77	0.00	0.00	6851.82	0.16	18.81	0.999
Barlow_BV322_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.60	0.993
Barlow_BV322_2	0.00	88.34	0.00	0.00	81.27	0.02	7.03	0.920
Barlow_BV322_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.17	0.993
Barlow_BV323_2	37.53	119.03	0.00	36.69	119.27	0.03	7.55	0.762
Barlow_BV324	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV324_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.32	0.993
Barlow_BV325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV325_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.71	0.993
Barlow_BV326	37.53	19.67	0.00	34.49	22.01	0.00	1.79	0.385
Barlow_BV327	0.00	20.84	0.00	0.00	13.16	0.00	0.51	0.631
Barlow_BV327_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.42	0.993
Barlow_BV328	37.53	33.96	0.00	35.50	35.39	0.01	3.67	0.495
Barlow_BV329	0.00	34.85	0.00	0.00	27.46	0.01	1.50	0.788
Barlow_BV329_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.15	0.993
Barlow_BV33_1	37.53	18.00	0.00	34.49	20.36	0.00	1.15	0.367
Barlow_BV33_2	37.53	0.00	0.00	34.32	2.04	0.00	0.13	0.054
Barlow_BV330	37.53	45.03	0.00	35.84	45.98	0.01	5.54	0.557
Barlow_BV331	0.00	49.43	0.00	0.00	42.27	0.01	2.60	0.855

Barlow_BV331_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.89	0.993
Barlow_BV332	37.53	56.87	0.00	36.35	57.38	0.02	7.42	0.608
Barlow_BV333	0.00	64.29	0.00	0.00	57.21	0.02	3.84	0.890
Barlow_BV333_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.60	0.993
Barlow_BV334	37.53	726.37	0.00	47.57	715.79	0.32	25.16	0.937
Barlow_BV335	0.00	871.82	0.00	0.00	864.84	0.32	25.10	0.992
Barlow_BV335_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.51	0.993
Barlow_BV336	37.53	588.05	0.00	48.25	576.66	0.32	24.64	0.922
Barlow_BV337	0.00	742.92	0.00	0.00	735.97	0.32	24.56	0.991
Barlow_BV337_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.32	0.993
Barlow_BV338	37.53	550.33	0.00	48.76	538.53	0.33	24.17	0.916
Barlow_BV339	0.00	610.07	0.00	0.00	603.05	0.33	24.14	0.988
Barlow_BV339_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.04	0.993
Barlow_BV34	37.53	0.00	0.00	34.82	1.60	0.00	0.73	0.043
Barlow_BV340	37.53	495.79	0.00	49.10	483.67	0.34	23.67	0.907
Barlow_BV341	0.00	598.17	0.00	0.00	591.07	0.33	23.62	0.988
Barlow_BV341_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.66	0.993
Barlow_BV342	37.53	437.44	0.00	49.27	425.08	0.35	23.09	0.895
Barlow_BV343	0.00	530.86	0.00	0.00	523.91	0.34	23.07	0.987
Barlow_BV343_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.86	0.993
Barlow_BV344_1	37.53	421.85	0.00	49.44	409.28	0.35	22.51	0.891
Barlow_BV344_2	37.53	0.00	0.00	34.32	2.04	0.00	0.01	0.054
Barlow_BV345_1	0.00	524.31	0.00	0.00	517.25	0.35	22.45	0.987
Barlow_BV345_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	17.51	0.993
Barlow_BV345_2	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV345_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.75	0.993
Barlow_BV346_1	37.53	432.85	0.00	49.78	420.05	0.36	21.91	0.893
Barlow_BV346_2	37.53	15.22	0.00	34.49	17.56	0.00	0.75	0.333
Barlow_BV347_1	0.00	516.71	0.00	0.00	509.60	0.36	21.89	0.986
Barlow_BV347_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	18.24	0.993
Barlow_BV347_2	0.00	14.01	0.00	0.00	6.18	0.00	0.12	0.441
Barlow_BV347_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.31	0.993
Barlow_BV348_1	37.53	447.66	0.00	49.95	434.60	0.37	21.33	0.896
Barlow_BV348_2	37.53	26.85	0.00	35.33	28.43	0.00	2.46	0.442
Barlow_BV349_1	0.00	522.74	0.00	0.00	515.54	0.37	21.27	0.986
Barlow_BV349_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	18.52	0.993
Barlow_BV349_2	0.00	28.23	0.00	0.00	20.64	0.00	0.89	0.731
Barlow_BV349_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	3.76	0.993
Barlow_BV35_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV35_1_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.11	0.993
Barlow_BV35_3	0.00	177.54	0.00	0.00	170.47	0.17	22.18	0.960
Barlow_BV35_3_Pann	37.53	0.00	0.00	0.00	37.26	0.04	26.34	0.993
Barlow_BV35_4	0.00	185.77	0.00	0.00	178.58	0.05	8.02	0.961
Barlow_BV35_4_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.05	0.993
Barlow_BV350_1	37.53	443.11	0.00	50.29	429.82	0.38	20.74	0.894

Barlow_BV350_2	37.53	338.95	0.00	40.43	335.46	0.07	11.79	0.891
Barlow_BV351_1	0.00	550.07	0.00	0.00	542.89	0.38	20.71	0.987
Barlow_BV351_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	18.05	0.993
Barlow_BV351_2	0.00	368.84	0.00	0.00	361.68	0.07	11.73	0.981
Barlow_BV351_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.21	0.993
Barlow_BV352	0.00	289.14	0.00	0.00	282.02	0.08	11.43	0.975
Barlow_BV352_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.07	0.993
Barlow_BV353	37.53	240.78	0.00	41.79	236.00	0.09	11.19	0.848
Barlow_BV354	0.00	259.67	0.00	0.00	252.63	0.08	11.15	0.973
Barlow_BV354_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.52	0.993
Barlow_BV355	37.53	223.36	0.00	42.13	218.16	0.09	10.81	0.836
Barlow_BV356	0.00	288.40	0.00	0.00	281.24	0.09	10.78	0.975
Barlow_BV356_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.37	0.993
Barlow_BV357	37.53	272.16	0.00	42.64	266.46	0.10	10.53	0.860
Barlow_BV358	0.00	377.24	0.00	0.00	370.35	0.10	10.50	0.982
Barlow_BV358_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.92	0.993
Barlow_BV359	37.53	374.00	0.00	43.32	367.67	0.11	10.27	0.893
Barlow_BV36_1	37.53	162.12	0.00	39.07	159.93	0.18	24.77	0.801
Barlow_BV36_2	37.53	141.57	0.00	38.56	139.97	0.05	8.06	0.782
Barlow_BV360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV360_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.03	0.993
Barlow_BV361	37.53	33.31	0.00	34.65	35.55	0.01	5.41	0.502
Barlow_BV362	0.00	59.34	0.00	0.00	53.15	0.01	4.77	0.896
Barlow_BV362_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.37	0.993
Barlow_BV363	37.53	53.54	0.00	35.67	54.79	0.04	16.45	0.602
Barlow_BV364	0.00	37.88	0.00	0.00	30.64	0.02	11.50	0.809
Barlow_BV364_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.26	0.993
Barlow_BV365	37.53	0.00	0.00	34.82	1.57	0.00	1.28	0.042
Barlow_BV366	37.53	0.00	0.00	34.32	1.99	0.00	0.65	0.053
Barlow_BV367	37.53	17.02	0.00	34.65	19.37	0.01	7.77	0.355
Barlow_BV368_2	37.53	30.73	0.00	42.64	24.35	0.16	17.42	0.357
Barlow_BV369	37.53	0.00	0.00	34.32	2.04	0.00	0.48	0.054
Barlow_BV37_1	0.00	176.20	0.00	0.00	169.09	0.15	20.41	0.960
Barlow_BV37_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	22.98	0.993
Barlow_BV37_2	0.00	147.24	0.00	0.00	140.19	0.04	7.37	0.952
Barlow_BV37_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.46	0.993
Barlow_BV370	37.53	0.00	0.00	34.32	2.07	0.00	0.40	0.055
Barlow_BV371_1	37.53	23.47	0.00	34.65	25.86	0.02	12.78	0.424
Barlow_BV371_2	37.53	35.30	0.00	34.65	37.82	0.02	16.32	0.519
Barlow_BV372	37.53	552.21	0.00	51.48	537.65	0.34	20.69	0.912
Barlow_BV373_1	37.53	0.00	0.00	34.99	1.29	0.00	0.97	0.034
Barlow_BV374_2	37.53	52.92	0.00	43.32	45.94	0.17	17.47	0.508
Barlow_BV375	37.53	0.00	0.00	35.84	0.43	0.00	0.06	0.011
Barlow_BV376_1	37.53	278.43	0.00	41.28	274.08	0.08	11.46	0.867
Barlow_BV376_2	37.53	398.00	0.00	50.46	384.38	0.39	20.02	0.883

Barlow_BV377_1	37.53	21.86	0.00	40.09	18.05	0.07	11.54	0.304
Barlow_BV377_3	37.53	57.13	0.00	47.40	46.06	0.29	23.47	0.487
Barlow_BV377_4	37.53	243.52	0.00	48.08	232.02	0.36	26.36	0.826
Barlow_BV377_5	37.53	71.30	0.00	38.73	69.07	0.08	14.87	0.635
Barlow_BV378_1	37.53	0.00	0.00	34.65	1.62	0.00	0.28	0.043
Barlow_BV378_2	37.53	0.00	0.00	34.32	2.05	0.00	0.13	0.055
Barlow_BV379_1	37.53	195.47	0.00	38.05	194.46	0.07	13.97	0.835
Barlow_BV379_2	37.53	399.23	0.00	40.77	395.45	0.04	5.49	0.905
Barlow_BV38_1	37.53	145.29	0.00	38.73	143.52	0.16	23.54	0.785
Barlow_BV38_2	37.53	120.56	0.00	38.05	119.45	0.04	7.49	0.756
Barlow_BV380_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV380_1_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.63	0.993
Barlow_BV380_2	0.00	530.87	0.00	0.00	523.77	0.04	5.49	0.987
Barlow_BV380_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	1.89	0.993
Barlow_BV39_1	0.00	157.55	0.00	0.00	150.43	0.13	18.59	0.955
Barlow_BV39_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	21.84	0.993
Barlow_BV39_2	0.00	130.09	0.00	0.00	123.04	0.03	6.79	0.946
Barlow_BV39_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.92	0.993
Barlow_BV4	0.00	56.93	0.00	0.00	49.59	0.02	3.70	0.871
Barlow_BV4_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.15	0.993
Barlow_BV40_1	37.53	130.68	0.00	38.22	129.32	0.13	22.36	0.769
Barlow_BV40_2	37.53	110.19	0.00	37.54	109.57	0.03	6.85	0.742
Barlow_BV41_1	0.00	137.38	0.00	0.00	130.29	0.10	16.72	0.948
Barlow_BV41_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	20.75	0.993
Barlow_BV41_2	0.00	113.68	0.00	0.00	106.48	0.03	6.29	0.937
Barlow_BV41_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.29	0.993
Barlow_BV42_1	37.53	114.13	0.00	37.88	113.21	0.11	20.94	0.747
Barlow_BV42_2	37.53	93.72	0.00	37.03	93.64	0.03	6.85	0.713
Barlow_BV43_1	0.00	117.72	0.00	0.00	110.65	0.08	14.76	0.940
Barlow_BV43_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	19.43	0.993
Barlow_BV43_2	0.00	85.37	0.00	0.00	78.42	0.02	6.31	0.919
Barlow_BV43_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.19	0.993
Barlow_BV44_1	37.53	97.49	0.00	37.37	97.02	0.09	19.32	0.719
Barlow_BV44_2	37.53	63.27	0.00	36.35	63.76	0.02	7.92	0.633
Barlow_BV45_1	0.00	98.00	0.00	0.00	90.94	0.06	12.68	0.928
Barlow_BV45_1_Pann	37.53	0.00	0.00	0.00	37.26	0.03	17.93	0.993
Barlow_BV45_2	0.00	41.16	0.00	0.00	34.03	0.01	2.88	0.827
Barlow_BV45_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	7.36	0.993
Barlow_BV46_1	37.53	80.92	0.00	36.86	80.92	0.07	17.58	0.683
Barlow_BV46_2	37.53	32.71	0.00	35.67	33.84	0.01	6.04	0.482
Barlow_BV47_1	0.00	77.45	0.00	0.00	70.37	0.04	10.40	0.909
Barlow_BV47_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.32	0.993
Barlow_BV47_2	0.00	17.70	0.00	0.00	9.91	0.00	0.48	0.560
Barlow_BV47_2_Pann	37.53	0.00	0.00	0.00	37.26	0.01	5.62	0.993
Barlow_BV48_1	37.53	64.11	0.00	36.35	64.63	0.05	16.14	0.636

Barlow_BV48_2	37.53	19.30	0.00	35.50	20.76	0.00	2.29	0.365
Barlow_BV49_1	0.00	53.55	0.00	0.00	46.48	0.03	8.02	0.868
Barlow_BV49_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.97	0.993
Barlow_BV49_2	0.00	12.09	0.00	0.00	4.25	0.00	0.16	0.352
Barlow_BV49_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	2.23	0.993
Barlow_BV5	37.53	2.46	0.00	34.82	4.03	0.00	0.21	0.101
Barlow_BV5_1	0.00	98.26	0.00	0.00	91.03	0.05	10.26	0.926
Barlow_BV5_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.11	0.993
Barlow_BV5_2	0.00	64.71	0.00	0.00	57.53	0.03	5.22	0.889
Barlow_BV5_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.65	0.993
Barlow_BV5_3	0.00	272.16	0.00	0.00	265.02	0.17	19.92	0.974
Barlow_BV5_3_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.16	0.993
Barlow_BV5_4	0.00	129.33	0.00	0.00	122.74	0.02	4.17	0.949
Barlow_BV5_4_Pann	37.53	0.00	0.00	0.00	37.26	0.00	3.47	0.993
Barlow_BV50_1	37.53	44.96	0.00	35.84	46.06	0.03	14.35	0.558
Barlow_BV51_1	0.00	27.44	0.00	0.00	19.98	0.01	3.64	0.728
Barlow_BV51_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.31	0.993
Barlow_BV51_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV51_2_Pann	37.53	0.00	0.00	0.00	37.26	0.00	0.44	0.993
Barlow_BV52	37.53	24.90	0.00	34.99	26.81	0.01	9.32	0.429
Barlow_BV53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV53_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.70	0.993
Barlow_BV54	37.53	181.76	0.00	39.07	179.64	0.06	8.56	0.819
Barlow_BV55	0.00	224.03	0.00	0.00	216.84	0.06	8.51	0.968
Barlow_BV55_Pann	37.53	0.00	0.00	0.00	37.26	0.01	6.71	0.993
Barlow_BV56	37.53	172.28	0.00	39.41	169.76	0.06	9.00	0.809
Barlow_BV57	0.00	205.22	0.00	0.00	198.20	0.06	8.98	0.966
Barlow_BV57_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.19	0.993
Barlow_BV58	37.53	180.60	0.00	39.75	177.70	0.07	9.53	0.815
Barlow_BV59	0.00	225.96	0.00	0.00	218.83	0.07	9.50	0.968
Barlow_BV59_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.39	0.993
Barlow_BV6	0.00	124.53	0.00	0.00	117.44	0.06	10.91	0.943
Barlow_BV6_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.39	0.993
Barlow_BV60	37.53	197.55	0.00	40.26	194.27	0.08	10.00	0.826
Barlow_BV61	0.00	261.52	0.00	0.00	254.33	0.08	9.97	0.973
Barlow_BV61_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.08	0.993
Barlow_BV62	37.53	220.28	0.00	40.60	216.60	0.09	9.90	0.840
Barlow_BV63	0.00	263.11	0.00	0.00	256.06	0.09	9.87	0.973
Barlow_BV63_Pann	37.53	0.00	0.00	0.00	37.26	0.01	8.81	0.993
Barlow_BV64	37.53	227.69	0.00	40.94	223.62	0.10	10.07	0.843
Barlow_BV65	0.00	246.09	0.00	0.00	239.03	0.10	10.07	0.971
Barlow_BV65_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.31	0.993
Barlow_BV66	37.53	220.37	0.00	41.28	215.95	0.11	11.11	0.837
Barlow_BV67	0.00	280.63	0.00	0.00	273.42	0.10	10.67	0.974
Barlow_BV67_Pann	37.53	0.00	0.00	0.00	37.26	0.01	9.95	0.993

Barlow_BV68	37.53	245.47	0.00	41.62	240.71	0.12	11.07	0.851
Barlow_BV69	0.00	281.22	0.00	0.00	274.11	0.11	11.02	0.975
Barlow_BV69_Pann	37.53	0.00	0.00	0.00	37.26	0.02	10.78	0.993
Barlow_BV7	37.53	0.00	0.00	35.84	0.51	0.00	0.18	0.014
Barlow_BV7_1	0.00	206.52	0.00	0.00	199.47	0.09	13.84	0.966
Barlow_BV7_1_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.76	0.993
Barlow_BV7_2	0.00	151.64	0.00	0.00	144.46	0.08	12.59	0.953
Barlow_BV7_2_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.52	0.993
Barlow_BV7_3	37.53	239.67	0.00	41.11	235.46	0.19	20.29	0.849
Barlow_BV7_4	37.53	128.38	0.00	37.20	128.17	0.02	4.44	0.773
Barlow_BV70	37.53	269.30	0.00	42.13	264.10	0.13	11.61	0.861
Barlow_BV71	0.00	319.17	0.00	0.00	311.98	0.12	11.15	0.977
Barlow_BV71_Pann	37.53	0.00	0.00	0.00	37.26	0.01	10.31	0.993
Barlow_BV72	37.53	269.37	0.00	42.47	263.86	0.14	11.78	0.860
Barlow_BV73	0.00	293.43	0.00	0.00	286.38	0.13	11.76	0.976
Barlow_BV73_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.02	0.993
Barlow_BV74	37.53	254.96	0.00	42.81	249.12	0.15	12.96	0.852
Barlow_BV75	0.00	331.23	0.00	0.00	324.02	0.14	12.52	0.978
Barlow_BV75_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.48	0.993
Barlow_BV76	37.53	275.95	0.00	43.15	269.78	0.16	12.98	0.861
Barlow_BV77	0.00	352.42	0.00	0.00	345.27	0.15	12.95	0.980
Barlow_BV77_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.50	0.993
Barlow_BV78	37.53	269.17	0.00	43.32	262.68	0.17	13.61	0.856
Barlow_BV79	0.00	319.98	0.00	0.00	312.98	0.16	13.61	0.978
Barlow_BV79_Pann	37.53	0.00	0.00	0.00	37.26	0.02	13.42	0.993
Barlow_BV8	0.00	236.01	0.00	0.00	228.82	0.10	14.93	0.970
Barlow_BV8_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.66	0.993
Barlow_BV80	37.53	288.44	0.00	43.83	281.57	0.18	14.51	0.864
Barlow_BV81	0.00	320.85	0.00	0.00	313.66	0.17	14.49	0.978
Barlow_BV81_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.30	0.993
Barlow_BV82	37.53	318.07	0.00	44.17	310.76	0.19	15.38	0.874
Barlow_BV83	0.00	436.06	0.00	0.00	429.33	0.19	15.29	0.985
Barlow_BV83_Pann	37.53	0.00	0.00	0.00	37.26	0.02	11.24	0.993
Barlow_BV84	37.53	325.56	0.00	44.51	317.94	0.20	15.73	0.876
Barlow_BV85	0.00	357.61	0.00	0.00	350.57	0.19	15.71	0.980
Barlow_BV85_Pann	37.53	0.00	0.00	0.00	37.26	0.02	14.32	0.993
Barlow_BV86	37.53	315.40	0.00	44.85	307.44	0.21	16.29	0.871
Barlow_BV87	0.00	350.77	0.00	0.00	343.63	0.20	16.25	0.980
Barlow_BV87_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.44	0.993
Barlow_BV88	37.53	309.70	0.00	45.19	301.43	0.22	16.93	0.868
Barlow_BV89	0.00	348.49	0.00	0.00	341.33	0.22	16.91	0.979
Barlow_BV89_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.42	0.993
Barlow_BV9	0.00	254.13	0.00	0.00	247.02	0.11	15.84	0.972
Barlow_BV9_Pann	37.53	0.00	0.00	0.00	37.26	0.02	12.05	0.993
Barlow_BV90	37.53	357.18	0.00	45.70	348.43	0.23	17.65	0.883

Barlow_BV91	0.00	392.20	0.00	0.00	385.07	0.23	17.55	0.982
Barlow_BV91_Pann	37.53	0.00	0.00	0.00	37.26	0.02	15.46	0.993
Barlow_BV92	37.53	344.44	0.00	45.87	335.42	0.25	17.91	0.878
Barlow_BV93	0.00	388.49	0.00	0.00	381.33	0.24	17.86	0.982
Barlow_BV93_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.37	0.993
Barlow_BV94	37.53	347.18	0.00	46.21	337.82	0.26	18.96	0.878
Barlow_BV95	0.00	373.07	0.00	0.00	365.91	0.25	18.93	0.981
Barlow_BV95_Pann	37.53	0.00	0.00	0.00	37.26	0.03	17.87	0.993
Barlow_BV96	37.53	347.30	0.00	46.55	337.60	0.27	20.05	0.877
Barlow_BV97	0.00	435.46	0.00	0.00	428.35	0.27	20.02	0.984
Barlow_BV97_Pann	37.53	0.00	0.00	0.00	37.26	0.02	16.09	0.993
Barlow_BV98	37.53	349.21	0.00	46.89	339.25	0.28	20.37	0.877
Barlow_BV99	0.00	424.32	0.00	0.00	417.28	0.28	20.27	0.983
Barlow_BV99_Pann	37.53	0.00	0.00	0.00	37.26	0.02	17.15	0.993

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_EXU3	JUNCTION	0.02	0.15	60.60	0 03:26	0.15
Barlow_J1	JUNCTION	0.01	0.17	62.55	0 03:03	0.17
Barlow_J11	JUNCTION	0.03	0.19	61.99	0 03:09	0.19
Barlow_J13	JUNCTION	0.03	0.19	62.04	0 03:05	0.19
Barlow_J14	JUNCTION	0.03	0.22	62.22	0 03:13	0.22
Barlow_J15	JUNCTION	0.03	0.22	61.81	0 03:27	0.22
Barlow_J17	JUNCTION	0.73	0.85	61.34	0 03:26	0.85
Barlow_J18	JUNCTION	0.03	0.20	62.09	0 03:13	0.20
Barlow_J19	JUNCTION	0.02	0.16	62.31	0 03:07	0.16
Barlow_J2	JUNCTION	0.00	0.04	62.46	0 03:07	0.04
Barlow_J20	JUNCTION	0.02	0.12	62.37	0 01:25	0.12
Barlow_J21	JUNCTION	0.04	0.31	61.81	0 03:27	0.31
Barlow_J22	JUNCTION	0.02	0.21	62.55	0 03:04	0.21
Barlow_J23	JUNCTION	0.01	0.19	62.63	0 02:55	0.19
Barlow_J24	JUNCTION	0.03	0.20	61.90	0 03:26	0.20
Barlow_J25	JUNCTION	0.01	0.12	62.42	0 03:03	0.12
Barlow_J26	JUNCTION	0.01	0.16	62.56	0 03:02	0.16
Barlow_J27	JUNCTION	0.00	0.02	61.87	0 03:07	0.02
Barlow_J28	JUNCTION	0.00	0.01	61.76	0 03:06	0.01
Barlow_J3	JUNCTION	0.01	0.10	62.59	0 03:02	0.10

Barlow_J30	JUNCTION	0.02	0.16	62.02	0	03:30	0.16
Barlow_J31	JUNCTION	0.01	0.16	62.34	0	01:23	0.16
Barlow_J32	JUNCTION	0.00	0.12	62.09	0	01:20	0.12
Barlow_J50	JUNCTION	0.02	0.17	62.14	0	03:16	0.17
Barlow_J6	JUNCTION	0.01	0.12	62.37	0	03:11	0.12
Barlow_J7	JUNCTION	0.00	0.05	61.82	0	02:53	0.05
Barlow_Pond1	JUNCTION	0.04	0.28	61.88	0	03:21	0.28
Barlow_Pond2	JUNCTION	0.04	0.29	61.84	0	03:28	0.29
Barlow_EXU1	OUTFALL	0.01	0.09	60.51	0	03:26	0.09

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	Flow Balance Error Percent
Barlow_EXU3	JUNCTION	0.00	167.27	0 03:26	0	2.51	0.000
Barlow_J1	JUNCTION	0.00	24.94	0 02:59	0	0.249	0.047
Barlow_J11	JUNCTION	0.00	78.97	0 03:05	0	1.29	-0.017
Barlow_J13	JUNCTION	20.02	79.41	0 03:01	0.391	1.29	0.039
Barlow_J14	JUNCTION	3.14	63.60	0 03:03	0.0162	0.862	0.143
Barlow_J15	JUNCTION	0.00	85.02	0 03:09	0	1.1	0.183
Barlow_J17	JUNCTION	0.00	167.38	0 03:27	0	2.51	-0.021
Barlow_J18	JUNCTION	9.83	31.01	0 01:30	0.0848	0.336	0.777
Barlow_J19	JUNCTION	8.37	41.57	0 03:02	0.105	0.482	0.010
Barlow_J2	JUNCTION	2.22	7.63	0 01:21	0.00316	0.0578	0.118
Barlow_J20	JUNCTION	28.80	28.80	0 01:20	0.36	0.36	-0.282
Barlow_J21	JUNCTION	0.00	193.32	0 03:29	0	2.51	0.200
Barlow_J22	JUNCTION	15.86	34.36	0 03:00	0.117	0.366	0.026
Barlow_J23	JUNCTION	39.13	39.13	0 01:20	0.228	0.228	-0.392
Barlow_J24	JUNCTION	3.37	78.82	0 03:09	0.00484	1.3	0.030
Barlow_J25	JUNCTION	30.15	30.15	0 03:00	0.275	0.275	-1.337
Barlow_J26	JUNCTION	13.68	25.67	0 02:50	0.0212	0.25	0.319
Barlow_J27	JUNCTION	1.22	1.22	0 03:00	0.00385	0.00385	-0.616
Barlow_J28	JUNCTION	0.73	0.73	0 03:00	0.00251	0.00251	-0.211
Barlow_J3	JUNCTION	10.03	10.03	0 01:20	0.0546	0.0546	-0.104
Barlow_J30	JUNCTION	18.81	62.20	0 03:12	0.163	0.775	0.740
Barlow_J31	JUNCTION	36.18	40.73	0 01:20	0.19	0.248	-1.396
Barlow_J32	JUNCTION	34.49	34.49	0 01:20	0.0523	0.0523	-4.219
Barlow_J50	JUNCTION	31.95	62.23	0 03:13	0.0444	0.905	-0.076

Barlow_J6	JUNCTION	4.21	34.16	0	03:03	0.0104	0.377	-0.059
Barlow_J7	JUNCTION	0.00	5.79	0	02:48	0	0.013	0.965
Barlow_Pond1	JUNCTION	24.69	83.82	0	03:18	0.26	1.08	0.141
Barlow_Pond2	JUNCTION	13.41	82.73	0	03:30	0.127	1.42	-0.020
Barlow_EXU1	OUTFALL	0.00	167.27	0	03:26	0	2.51	0.000

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
Barlow_Pond1	JUNCTION	1.77	0.028	0.222
Barlow_Pond2	JUNCTION	1.87	0.040	0.160

Node Flooding Summary

No nodes were flooded.

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU1	72.54	19.99	167.27	2.507
System	72.54	19.99	167.27	2.507

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
Barlow_C1	CONDUIT	12.32	0 03:01	0.32	0.36	0.76
Barlow_C10	CONDUIT	31.64	0 01:20	0.27	0.21	0.56
Barlow_C11	CONDUIT	41.41	0 03:07	0.17	0.38	0.76
Barlow_C11_2	CONDUIT	25.59	0 01:31	0.21	0.23	0.61
Barlow_C13	CONDUIT	21.20	0 03:01	0.19	0.20	0.67
Barlow_C14	CONDUIT	57.75	0 03:26	0.51	0.12	0.12
Barlow_C14_1	CONDUIT	62.13	0 03:16	0.19	0.48	0.74
Barlow_C14_2	CONDUIT	78.97	0 03:05	0.23	0.63	0.76
Barlow_C15	CONDUIT	31.09	0 03:13	0.75	0.84	0.79
Barlow_C16	CONDUIT	24.42	0 02:51	0.13	0.61	0.70
Barlow_C16_1	CONDUIT	24.94	0 02:59	0.16	0.31	0.67
Barlow_C16_3	CONDUIT	12.52	0 03:01	0.32	0.36	0.76
Barlow_C18	CONDUIT	83.87	0 03:19	0.24	2.24	0.95
Barlow_C18_2	CONDUIT	60.61	0 03:30	0.22	0.37	0.82
Barlow_C18_4	CONDUIT	21.76	0 03:12	0.10	0.86	0.73
Barlow_C19	CONDUIT	109.52	0 03:26	0.82	0.09	0.12
Barlow_C19_1	CONDUIT	5.29	0 02:47	0.04	0.00	0.09
Barlow_C19_2	CONDUIT	110.54	0 03:29	0.76	0.06	0.29
Barlow_C2	CONDUIT	6.26	0 03:03	0.12	0.09	0.27
Barlow_C20	CONDUIT	0.77	0 03:07	0.02	0.00	0.03
Barlow_C20_1	CONDUIT	78.82	0 03:09	0.25	0.56	0.77
Barlow_C20_2	CONDUIT	77.45	0 03:20	0.19	0.50	0.90
Barlow_C21	CONDUIT	33.84	0 03:05	0.18	0.54	0.65
Barlow_C23	CONDUIT	0.63	0 03:06	0.01	0.00	0.06
Barlow_C24	CONDUIT	6.20	0 03:07	0.11	0.03	0.39
Barlow_C25	CONDUIT	82.81	0 03:29	0.17	0.81	1.00
Barlow_C26	CONDUIT	29.35	0 03:03	0.18	0.15	0.56
Barlow_C27	CONDUIT	33.93	0 03:11	0.23	0.22	0.56
Barlow_C28	CONDUIT	31.09	0 03:13	0.75	0.84	0.79
Barlow_C3	CONDUIT	166.92	0 03:27	0.53	0.02	0.15
Barlow_C5	CONDUIT	167.27	0 03:26	0.63	0.01	0.06
Barlow_S4	WEIR	0.00	0 00:00			0.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
Barlow_C1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.86
Barlow_C10	1.00	0.00	0.38	0.00	0.62	0.00	0.00	0.00	0.98	0.00
Barlow_C11	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.99	0.00
Barlow_C11_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Barlow_C13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
Barlow_C14	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
Barlow_C14_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.97	0.00
Barlow_C14_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.78	0.00
Barlow_C15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.19
Barlow_C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
Barlow_C16_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
Barlow_C16_3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.86
Barlow_C18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C18_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.99	0.00
Barlow_C18_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
Barlow_C19	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
Barlow_C19_1	1.00	0.01	0.04	0.00	0.95	0.00	0.00	0.00	0.89	0.00
Barlow_C19_2	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.69
Barlow_C2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20	1.00	0.04	0.00	0.00	0.96	0.00	0.00	0.00	0.95	0.00
Barlow_C20_1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.84	0.00
Barlow_C20_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
Barlow_C21	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C23	1.00	0.03	0.63	0.00	0.33	0.00	0.00	0.00	0.96	0.00
Barlow_C24	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Barlow_C25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.80	0.00
Barlow_C26	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.95	0.00
Barlow_C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.18
Barlow_C3	1.00	0.01	0.00	0.00	0.81	0.00	0.00	0.18	0.00	0.00
Barlow_C5	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00

Conduit Surcharge Summary

Conduit	----- Hours Full -----			Hours	Hours
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Capacity Limited

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Barlow_C10          0.01    0.01    1.77    0.01    0.01
Barlow_C18          0.01    1.77    0.01    3.37    0.01
Barlow_C18_2        0.01    0.01    1.77    0.01    0.01
Barlow_C20_2        0.01    0.01    1.86    0.01    0.01
Barlow_C25          1.86    1.86    2.92    0.01    0.01

```

Analysis begun on: Mon Apr 23 15:45:09 2018
 Analysis ended on: Mon Apr 23 15:45:27 2018

Total elapsed time: 00:00:18

3.3 25-YR DESIGN STORM EVENT

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.012)

Element Count

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Number of rain gages ..... 2
Number of subcatchments ... 962
Number of nodes ..... 29
Number of links ..... 32
Number of pollutants ..... 0
Number of land uses ..... 0

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Raingage Summary

Name	Data Source	Data Type	Recording Interval
Raingage1	Chicago_3hrs_25ans_ACT	INTENSITY	10 min.
UnderPanels	NoRain	INTENSITY	1440 min.

Subcatchment Summary

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
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Barlow_BV1	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_BV175_66
Barlow_BV1_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_BV175_66
Barlow_BV10	2.25	41.84	2.00	0.2000	Raingage1	Barlow_J28
Barlow_BV10_1	0.04	108.72	2.00	0.2000	UnderPanels	Barlow_BV26_1
Barlow_BV10_1_Pann	0.04	108.72	100.00	70.0000	Raingage1	Barlow_BV26_1
Barlow_BV10_2	0.04	107.63	2.00	0.2000	UnderPanels	Barlow_BV175_62
Barlow_BV10_2_Pann	0.04	107.63	100.00	70.0000	Raingage1	Barlow_BV175_62
Barlow_BV10_3	0.06	160.22	2.00	0.2000	UnderPanels	Barlow_BV11_1
Barlow_BV10_3_Pann	0.06	160.22	100.00	70.0000	Raingage1	Barlow_BV11_1
Barlow_BV10_4	0.01	34.33	2.00	0.2000	UnderPanels	Barlow_BV11_2
Barlow_BV10_4_Pann	0.01	34.33	100.00	70.0000	Raingage1	Barlow_BV11_2
Barlow_BV10_5	0.14	100.00	2.00	0.2000	Raingage1	Barlow_BV132_1
Barlow_BV10_6	0.11	80.00	2.00	0.2000	Raingage1	Barlow_BV132_2
Barlow_BV10_7	0.27	45.00	2.00	0.2000	Raingage1	Barlow_BV186_2
Barlow_BV10_8	0.09	90.00	2.00	0.2000	Raingage1	Barlow_BV374_2
Barlow_BV10_9	0.15	90.00	2.00	0.2000	Raingage1	Barlow_BV10_7
Barlow_BV100	0.08	180.86	2.00	0.2000	Raingage1	Barlow_BV101
Barlow_BV101	0.08	206.81	2.00	0.2000	UnderPanels	Barlow_BV102
Barlow_BV101_Pann	0.08	206.81	100.00	70.0000	Raingage1	Barlow_BV102
Barlow_BV102	0.09	189.46	2.00	0.2000	Raingage1	Barlow_BV103
Barlow_BV103	0.08	207.08	2.00	0.2000	UnderPanels	Barlow_BV104
Barlow_BV103_Pann	0.08	207.08	100.00	70.0000	Raingage1	Barlow_BV104
Barlow_BV104	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV105
Barlow_BV105	0.07	198.91	2.00	0.2000	UnderPanels	Barlow_BV106
Barlow_BV105_Pann	0.07	198.91	100.00	70.0000	Raingage1	Barlow_BV106
Barlow_BV106	0.09	191.18	2.00	0.2000	Raingage1	Barlow_BV107
Barlow_BV107	0.07	201.63	2.00	0.2000	UnderPanels	Barlow_BV108
Barlow_BV107_Pann	0.07	201.63	100.00	70.0000	Raingage1	Barlow_BV108
Barlow_BV108	0.09	200.00	2.00	0.2000	Raingage1	Barlow_BV109
Barlow_BV109	0.07	194.55	2.00	0.2000	UnderPanels	Barlow_BV110
Barlow_BV109_Pann	0.07	194.55	100.00	70.0000	Raingage1	Barlow_BV110
Barlow_BV11	0.61	130.00	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV11_1	0.07	153.33	2.00	0.2000	Raingage1	Barlow_BV368_2
Barlow_BV11_2	0.02	33.55	2.00	0.2000	Raingage1	Barlow_BV14_2
Barlow_BV11_3	0.03	105.00	95.00	2.0000	Raingage1	Barlow_BV10_5
Barlow_BV110	0.09	189.89	2.00	0.2000	Raingage1	Barlow_BV111
Barlow_BV111	0.07	185.56	2.00	0.2000	UnderPanels	Barlow_BV112
Barlow_BV111_Pann	0.07	185.56	100.00	70.0000	Raingage1	Barlow_BV112
Barlow_BV112	0.08	174.84	2.00	0.2000	Raingage1	Barlow_BV113
Barlow_BV113	0.06	156.68	2.00	0.2000	UnderPanels	Barlow_BV114
Barlow_BV113_Pann	0.06	156.68	100.00	70.0000	Raingage1	Barlow_BV114
Barlow_BV114	0.07	157.85	2.00	0.2000	Raingage1	Barlow_BV115
Barlow_BV115	0.05	142.78	2.00	0.2000	UnderPanels	Barlow_BV116
Barlow_BV115_Pann	0.05	142.78	100.00	70.0000	Raingage1	Barlow_BV116

Barlow_BV116	0.07	148.17	2.00	0.2000	Raingage1	Barlow_BV377_4
Barlow_BV117	0.05	142.51	2.00	0.2000	UnderPanels	Barlow_BV118
Barlow_BV117_Pann	0.05	142.51	100.00	70.0000	Raingage1	Barlow_BV118
Barlow_BV118	0.06	139.35	2.00	0.2000	Raingage1	Barlow_BV119
Barlow_BV119	0.05	129.70	2.00	0.2000	UnderPanels	Barlow_BV120
Barlow_BV119_Pann	0.05	129.70	100.00	70.0000	Raingage1	Barlow_BV120
Barlow_BV12	0.05	500.00	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_1	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_10	0.00	5.00	95.00	2.0000	Raingage1	Barlow_BV377_4
Barlow_BV12_11	0.03	118.37	95.00	2.0000	Raingage1	Barlow_Pond2
Barlow_BV12_12	0.03	118.37	95.00	2.0000	Raingage1	Barlow_J32
Barlow_BV12_18	0.09	80.00	50.00	0.2000	Raingage1	Barlow_J32
Barlow_BV12_2	0.04	118.37	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_3	0.05	160.00	95.00	2.0000	Raingage1	Barlow_BV371_1
Barlow_BV12_4	0.06	200.00	95.00	2.0000	Raingage1	Barlow_BV371_2
Barlow_BV12_5	0.05	180.00	95.00	2.0000	Raingage1	Barlow_J20
Barlow_BV12_6	0.04	200.00	95.00	2.0000	Raingage1	Barlow_J50
Barlow_BV12_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J6
Barlow_BV12_9	0.05	220.00	95.00	2.0000	Raingage1	Barlow_J26
Barlow_BV120	0.05	117.85	2.00	0.2000	Raingage1	Barlow_BV121
Barlow_BV121	0.04	110.90	2.00	0.2000	UnderPanels	Barlow_BV122
Barlow_BV121_Pann	0.04	110.90	100.00	70.0000	Raingage1	Barlow_BV122
Barlow_BV122	0.05	104.09	2.00	0.2000	Raingage1	Barlow_BV123
Barlow_BV123	0.03	90.46	2.00	0.2000	UnderPanels	Barlow_BV124
Barlow_BV123_Pann	0.03	90.46	100.00	70.0000	Raingage1	Barlow_BV124
Barlow_BV124	0.04	84.73	2.00	0.2000	Raingage1	Barlow_BV125
Barlow_BV125	0.03	73.03	2.00	0.2000	UnderPanels	Barlow_BV126
Barlow_BV125_Pann	0.03	73.03	100.00	70.0000	Raingage1	Barlow_BV126
Barlow_BV126	0.04	76.34	2.00	0.2000	Raingage1	Barlow_BV127
Barlow_BV127	0.03	70.57	2.00	0.2000	UnderPanels	Barlow_BV128
Barlow_BV127_Pann	0.03	70.57	100.00	70.0000	Raingage1	Barlow_BV128
Barlow_BV128	0.03	69.89	2.00	0.2000	Raingage1	Barlow_BV129
Barlow_BV129	0.02	54.22	2.00	0.2000	UnderPanels	Barlow_BV130
Barlow_BV129_Pann	0.02	54.22	100.00	70.0000	Raingage1	Barlow_BV130
Barlow_BV13_1	0.18	360.00	2.00	0.2000	Raingage1	Barlow_BV15_3
Barlow_BV13_18	0.06	132.90	2.00	0.2000	Raingage1	Barlow_J23
Barlow_BV13_2	0.21	400.00	2.00	0.2000	Raingage1	Barlow_BV368_2
Barlow_BV130	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV131
Barlow_BV131	0.01	36.24	2.00	0.2000	UnderPanels	Barlow_BV377_5
Barlow_BV131_Pann	0.01	36.24	100.00	70.0000	Raingage1	Barlow_BV377_5
Barlow_BV132_1	0.04	101.64	2.00	0.2000	UnderPanels	Barlow_BV133_1
Barlow_BV132_1_Pann	0.04	101.64	100.00	70.0000	Raingage1	Barlow_BV133_1
Barlow_BV132_2	0.03	79.84	2.00	0.2000	UnderPanels	Barlow_BV133_2
Barlow_BV132_2_Pann	0.03	79.84	100.00	70.0000	Raingage1	Barlow_BV133_2
Barlow_BV133_1	0.04	94.62	2.00	0.2000	Raingage1	Barlow_BV134_1

Barlow_BV133_2	0.04	84.73	2.00	0.2000	Raingage1	Barlow_BV134_2
Barlow_BV134_1	0.04	97.00	2.00	0.2000	UnderPanels	Barlow_BV135_1
Barlow_BV134_1_Pann	0.04	97.00	100.00	70.0000	Raingage1	Barlow_BV135_1
Barlow_BV134_2	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV135_2
Barlow_BV134_2_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV135_2
Barlow_BV135_1	0.03	74.19	2.00	0.2000	Raingage1	Barlow_BV136_1
Barlow_BV135_2	0.04	84.95	2.00	0.2000	Raingage1	Barlow_BV136_2
Barlow_BV136_1	0.03	80.65	2.00	0.2000	UnderPanels	Barlow_BV137_1
Barlow_BV136_1_Pann	0.03	80.65	100.00	70.0000	Raingage1	Barlow_BV137_1
Barlow_BV136_2	0.04	101.09	2.00	0.2000	UnderPanels	Barlow_BV137_2
Barlow_BV136_2_Pann	0.04	101.09	100.00	70.0000	Raingage1	Barlow_BV137_2
Barlow_BV137_1	0.03	73.33	2.00	0.2000	Raingage1	Barlow_BV138_1
Barlow_BV137_2	0.05	102.58	2.00	0.2000	Raingage1	Barlow_BV138_2
Barlow_BV138_1	0.03	79.02	2.00	0.2000	UnderPanels	Barlow_BV139_1
Barlow_BV138_1_Pann	0.03	79.02	100.00	70.0000	Raingage1	Barlow_BV139_1
Barlow_BV138_2	0.04	110.63	2.00	0.2000	UnderPanels	Barlow_BV139_2
Barlow_BV138_2_Pann	0.04	110.63	100.00	70.0000	Raingage1	Barlow_BV139_2
Barlow_BV139_1	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV140_1
Barlow_BV139_2	0.05	101.29	2.00	0.2000	Raingage1	Barlow_BV140_2
Barlow_BV14_1	0.05	143.87	2.00	0.2000	UnderPanels	Barlow_BV15_1
Barlow_BV14_1_Pann	0.05	143.87	100.00	70.0000	Raingage1	Barlow_BV15_1
Barlow_BV14_2	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_BV15_2
Barlow_BV14_2_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_BV15_2
Barlow_BV14_3	4.29	230.00	20.00	0.2000	Raingage1	Barlow_J25
Barlow_BV14_5	0.29	240.00	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV14_6	0.41	600.00	2.00	0.2000	Raingage1	Barlow_J18
Barlow_BV14_7	0.29	150.00	2.00	0.2000	Raingage1	Barlow_J27
Barlow_BV140_1	0.03	68.94	2.00	0.2000	UnderPanels	Barlow_BV141_1
Barlow_BV140_1_Pann	0.03	68.94	100.00	70.0000	Raingage1	Barlow_BV141_1
Barlow_BV140_2	0.04	109.81	2.00	0.2000	UnderPanels	Barlow_BV141_2
Barlow_BV140_2_Pann	0.04	109.81	100.00	70.0000	Raingage1	Barlow_BV141_2
Barlow_BV141_1	0.03	67.31	2.00	0.2000	Raingage1	Barlow_BV142_1
Barlow_BV141_2	0.05	111.83	2.00	0.2000	Raingage1	Barlow_BV142_2
Barlow_BV142_1	0.02	64.31	2.00	0.2000	UnderPanels	Barlow_BV143_1
Barlow_BV142_1_Pann	0.02	64.31	100.00	70.0000	Raingage1	Barlow_BV143_1
Barlow_BV142_2	0.04	117.71	2.00	0.2000	UnderPanels	Barlow_BV143_2
Barlow_BV142_2_Pann	0.04	117.71	100.00	70.0000	Raingage1	Barlow_BV143_2
Barlow_BV143_1	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV144_1
Barlow_BV143_2	0.05	111.40	2.00	0.2000	Raingage1	Barlow_BV144_2
Barlow_BV144_1	0.02	59.40	2.00	0.2000	UnderPanels	Barlow_BV145_1
Barlow_BV144_1_Pann	0.02	59.40	100.00	70.0000	Raingage1	Barlow_BV145_1
Barlow_BV144_2	0.04	119.07	2.00	0.2000	UnderPanels	Barlow_BV145_2
Barlow_BV144_2_Pann	0.04	119.07	100.00	70.0000	Raingage1	Barlow_BV145_2
Barlow_BV145_1	0.03	58.28	2.00	0.2000	Raingage1	Barlow_BV146_1
Barlow_BV145_2	0.06	126.67	2.00	0.2000	Raingage1	Barlow_BV146_2

Barlow_BV146_1	0.02	52.04	2.00	0.2000	UnderPanels	Barlow_BV147_1
Barlow_BV146_1_Pann	0.02	52.04	100.00	70.0000	Raingage1	Barlow_BV147_1
Barlow_BV146_2	0.04	115.53	2.00	0.2000	UnderPanels	Barlow_BV147_2
Barlow_BV146_2_Pann	0.04	115.53	100.00	70.0000	Raingage1	Barlow_BV147_2
Barlow_BV147_1	0.02	51.83	2.00	0.2000	Raingage1	Barlow_BV148_1
Barlow_BV147_2	0.06	127.31	2.00	0.2000	Raingage1	Barlow_BV148_2
Barlow_BV148_1	0.02	45.78	2.00	0.2000	UnderPanels	Barlow_BV149_1
Barlow_BV148_1_Pann	0.02	45.78	100.00	70.0000	Raingage1	Barlow_BV149_1
Barlow_BV148_2	0.04	117.98	2.00	0.2000	UnderPanels	Barlow_BV149_2
Barlow_BV148_2_Pann	0.04	117.98	100.00	70.0000	Raingage1	Barlow_BV149_2
Barlow_BV149_1	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV150_1
Barlow_BV149_2	0.06	133.98	2.00	0.2000	Raingage1	Barlow_BV150_2
Barlow_BV15_1	0.06	137.20	2.00	0.2000	Raingage1	Barlow_BV16_1
Barlow_BV15_2	0.01	30.97	2.00	0.2000	Raingage1	Barlow_BV16_2
Barlow_BV15_3	0.33	65.00	2.00	0.2000	Raingage1	Barlow_BV239_2
Barlow_BV150_1	0.02	43.87	2.00	0.2000	UnderPanels	Barlow_BV151_1
Barlow_BV150_1_Pann	0.02	43.87	100.00	70.0000	Raingage1	Barlow_BV151_1
Barlow_BV150_2	0.05	134.88	2.00	0.2000	UnderPanels	Barlow_BV151_2
Barlow_BV150_2_Pann	0.05	134.88	100.00	70.0000	Raingage1	Barlow_BV151_2
Barlow_BV151_1	0.02	41.94	2.00	0.2000	Raingage1	Barlow_BV152_1
Barlow_BV151_2	0.06	131.40	2.00	0.2000	Raingage1	Barlow_BV152_2
Barlow_BV152_1	0.02	41.96	2.00	0.2000	UnderPanels	Barlow_BV153_1
Barlow_BV152_1_Pann	0.02	41.96	100.00	70.0000	Raingage1	Barlow_BV153_1
Barlow_BV152_2	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV153_2
Barlow_BV152_2_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV153_2
Barlow_BV153_1	0.02	36.13	2.00	0.2000	Raingage1	Barlow_BV154_1
Barlow_BV153_2	0.06	133.98	2.00	0.2000	Raingage1	Barlow_BV154_2
Barlow_BV154_1	0.01	35.70	2.00	0.2000	UnderPanels	Barlow_BV155_1
Barlow_BV154_1_Pann	0.01	35.70	100.00	70.0000	Raingage1	Barlow_BV155_1
Barlow_BV154_2	0.05	146.32	2.00	0.2000	UnderPanels	Barlow_BV155_2
Barlow_BV154_2_Pann	0.05	146.32	100.00	70.0000	Raingage1	Barlow_BV155_2
Barlow_BV155_1	0.02	32.47	2.00	0.2000	Raingage1	Barlow_BV156_1
Barlow_BV155_2	0.07	140.22	2.00	0.2000	Raingage1	Barlow_BV156_2
Barlow_BV156_1	0.01	31.88	2.00	0.2000	UnderPanels	Barlow_BV157_1
Barlow_BV156_1_Pann	0.01	31.88	100.00	70.0000	Raingage1	Barlow_BV157_1
Barlow_BV156_2	0.06	153.68	2.00	0.2000	UnderPanels	Barlow_BV157_2
Barlow_BV156_2_Pann	0.06	153.68	100.00	70.0000	Raingage1	Barlow_BV157_2
Barlow_BV157_1	0.01	27.74	2.00	0.2000	Raingage1	Barlow_BV158_1
Barlow_BV157_2	0.07	145.16	2.00	0.2000	Raingage1	Barlow_BV158_2
Barlow_BV158_1	0.01	25.34	2.00	0.2000	UnderPanels	Barlow_BV159_1
Barlow_BV158_1_Pann	0.01	25.34	100.00	70.0000	Raingage1	Barlow_BV159_1
Barlow_BV158_2	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV159_2
Barlow_BV158_2_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV159_2
Barlow_BV159_1	0.01	20.43	2.00	0.2000	Raingage1	Barlow_J22
Barlow_BV159_2	0.07	146.24	2.00	0.2000	Raingage1	Barlow_BV160_2

Barlow_BV16_1	0.05	131.61	2.00	0.2000	UnderPanels	Barlow_BV17_1
Barlow_BV16_1_Pann	0.05	131.61	100.00	70.0000	Raingage1	Barlow_BV17_1
Barlow_BV16_2	0.01	29.97	2.00	0.2000	UnderPanels	Barlow_BV17_2
Barlow_BV16_2_Pann	0.01	29.97	100.00	70.0000	Raingage1	Barlow_BV17_2
Barlow_BV16_3	0.03	125.00	95.00	2.0000	Raingage1	Barlow_BV367
Barlow_BV16_4	0.03	125.00	95.00	2.0000	Raingage1	Barlow_J3
Barlow_BV16_5	0.06	130.00	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV16_7	0.06	225.37	95.00	2.0000	Raingage1	Barlow_J31
Barlow_BV16_8	0.00	5.00	95.00	2.0000	Raingage1	Barlow_BV374_2
Barlow_BV16_9	0.00	5.00	95.00	2.0000	Raingage1	Barlow_J2
Barlow_BV160_1	0.01	15.26	2.00	0.2000	UnderPanels	Barlow_BV161_1
Barlow_BV160_1_Pann	0.01	15.26	100.00	70.0000	Raingage1	Barlow_BV161_1
Barlow_BV160_2	0.05	147.41	2.00	0.2000	UnderPanels	Barlow_BV161_2
Barlow_BV160_2_Pann	0.05	147.41	100.00	70.0000	Raingage1	Barlow_BV161_2
Barlow_BV161_1	0.01	13.12	2.00	0.2000	Raingage1	Barlow_BV162_1
Barlow_BV161_2	0.06	137.85	2.00	0.2000	Raingage1	Barlow_BV10_8
Barlow_BV162_1	0.00	11.44	2.00	0.2000	UnderPanels	Barlow_BV163_1
Barlow_BV162_1_Pann	0.00	11.44	100.00	70.0000	Raingage1	Barlow_BV163_1
Barlow_BV162_2	0.05	131.34	2.00	0.2000	UnderPanels	Barlow_BV163_2
Barlow_BV162_2_Pann	0.05	131.34	100.00	70.0000	Raingage1	Barlow_BV163_2
Barlow_BV163_1	0.00	10.11	2.00	0.2000	Raingage1	Barlow_BV164_1
Barlow_BV163_2	0.06	125.59	2.00	0.2000	Raingage1	Barlow_BV164_2
Barlow_BV164_1	0.00	7.63	2.00	0.2000	UnderPanels	Barlow_BV165_1
Barlow_BV164_1_Pann	0.00	7.63	100.00	70.0000	Raingage1	Barlow_BV165_1
Barlow_BV164_2	0.04	107.90	2.00	0.2000	UnderPanels	Barlow_BV165_2
Barlow_BV164_2_Pann	0.04	107.90	100.00	70.0000	Raingage1	Barlow_BV165_2
Barlow_BV165_1	0.00	6.24	2.00	0.2000	Raingage1	Barlow_BV166_1
Barlow_BV165_2	0.05	115.91	2.00	0.2000	Raingage1	Barlow_BV166_2
Barlow_BV166_1	0.00	4.36	2.00	0.2000	UnderPanels	Barlow_BV167_1
Barlow_BV166_1_Pann	0.00	4.36	100.00	70.0000	Raingage1	Barlow_BV167_1
Barlow_BV166_2	0.03	94.00	2.00	0.2000	UnderPanels	Barlow_BV167_2
Barlow_BV166_2_Pann	0.03	94.00	100.00	70.0000	Raingage1	Barlow_BV167_2
Barlow_BV167_1	0.00	2.58	2.00	0.2000	Raingage1	Barlow_J6
Barlow_BV167_2	0.05	100.43	2.00	0.2000	Raingage1	Barlow_BV168
Barlow_BV168	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV169
Barlow_BV168_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV169
Barlow_BV169	0.04	83.23	2.00	0.2000	Raingage1	Barlow_BV170
Barlow_BV17_1	0.06	121.51	2.00	0.2000	Raingage1	Barlow_BV19_1
Barlow_BV17_2	0.01	27.74	2.00	0.2000	Raingage1	Barlow_BV19_3
Barlow_BV17_3	0.05	200.00	95.00	2.0000	Raingage1	Barlow_J22
Barlow_BV17_4	0.02	80.00	95.00	2.0000	Raingage1	Barlow_BV10_6
Barlow_BV17_5	0.05	190.00	95.00	2.0000	Raingage1	Barlow_J23
Barlow_BV170	0.02	65.39	2.00	0.2000	UnderPanels	Barlow_BV171
Barlow_BV170_Pann	0.02	65.39	100.00	70.0000	Raingage1	Barlow_BV171
Barlow_BV171	0.03	66.67	2.00	0.2000	Raingage1	Barlow_BV172

Barlow_BV172	0.02	49.32	2.00	0.2000	UnderPanels	Barlow_BV173
Barlow_BV172_Pann	0.02	49.32	100.00	70.0000	Raingage1	Barlow_BV173
Barlow_BV173	0.02	44.95	2.00	0.2000	Raingage1	Barlow_BV174
Barlow_BV174	0.01	34.06	2.00	0.2000	UnderPanels	Barlow_BV10_7
Barlow_BV174_Pann	0.01	34.06	100.00	70.0000	Raingage1	Barlow_J6
Barlow_BV175	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_BV176
Barlow_BV175_10	0.33	60.00	2.00	0.2000	Raingage1	Barlow_BV175_64
Barlow_BV175_126	0.09	40.00	2.00	0.2000	Raingage1	Barlow_BV45_2
Barlow_BV175_14	0.17	25.00	2.00	0.2000	Raingage1	Barlow_J23
Barlow_BV175_190	1.32	35.00	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV175_2	0.07	141.29	2.00	0.2000	Raingage1	Barlow_BV5_1
Barlow_BV175_31	0.07	25.00	2.00	0.2000	Raingage1	Barlow_BV50_1
Barlow_BV175_34	0.06	122.15	2.00	0.2000	Raingage1	Barlow_BV8
Barlow_BV175_36	0.06	134.84	2.00	0.2000	Raingage1	Barlow_BV7_1
Barlow_BV175_62	0.05	104.73	2.00	0.2000	Raingage1	Barlow_BV10_1
Barlow_BV175_63	0.06	123.87	2.00	0.2000	Raingage1	Barlow_BV5_2
Barlow_BV175_64	0.04	87.10	2.00	0.2000	Raingage1	Barlow_BV4
Barlow_BV175_65	0.03	61.72	2.00	0.2000	Raingage1	Barlow_BV3
Barlow_BV175_66	0.02	43.66	2.00	0.2000	Raingage1	Barlow_BV2
Barlow_BV175_67	0.07	145.16	2.00	0.2000	Raingage1	Barlow_BV6
Barlow_BV175_68	0.07	140.86	2.00	0.2000	Raingage1	Barlow_BV7_2
Barlow_BV175_69	0.05	114.62	2.00	0.2000	Raingage1	Barlow_BV10_2
Barlow_BV175_70	0.06	124.95	2.00	0.2000	Raingage1	Barlow_BV9
Barlow_BV175_78	0.03	62.37	2.00	0.2000	Raingage1	Barlow_BV22_1
Barlow_BV175_79	0.02	44.09	2.00	0.2000	Raingage1	Barlow_BV23_1
Barlow_BV175_80	0.01	26.45	2.00	0.2000	Raingage1	Barlow_BV23_2
Barlow_BV175_82	0.77	55.00	2.00	0.2000	Raingage1	Barlow_BV26_1
Barlow_BV175_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_BV176
Barlow_BV176	0.02	43.87	2.00	0.2000	Raingage1	Barlow_BV177
Barlow_BV177	0.02	55.04	2.00	0.2000	UnderPanels	Barlow_BV178
Barlow_BV177_Pann	0.02	55.04	100.00	70.0000	Raingage1	Barlow_BV178
Barlow_BV178	0.03	71.18	2.00	0.2000	Raingage1	Barlow_BV179
Barlow_BV179	0.03	85.29	2.00	0.2000	UnderPanels	Barlow_BV180_1
Barlow_BV179_Pann	0.03	85.29	100.00	70.0000	Raingage1	Barlow_BV180_1
Barlow_BV18_1	0.53	105.00	2.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV18_2	0.03	85.01	2.00	0.2000	UnderPanels	Barlow_BV379_1
Barlow_BV18_2_Pann	0.03	85.01	100.00	70.0000	Raingage1	Barlow_BV379_1
Barlow_BV18_3	0.01	21.53	2.00	0.2000	UnderPanels	Barlow_BV379_2
Barlow_BV18_3_Pann	0.01	21.53	100.00	70.0000	Raingage1	Barlow_BV379_2
Barlow_BV180_1	0.05	96.99	2.00	0.2000	Raingage1	Barlow_BV181_1
Barlow_BV181_1	0.04	100.82	2.00	0.2000	UnderPanels	Barlow_BV182_1
Barlow_BV181_1_Pann	0.04	100.82	100.00	70.0000	Raingage1	Barlow_BV182_1
Barlow_BV181_2	0.00	6.27	2.00	0.2000	UnderPanels	Barlow_BV182_2
Barlow_BV181_2_Pann	0.00	6.27	100.00	70.0000	Raingage1	Barlow_BV182_2
Barlow_BV182_1	0.05	103.01	2.00	0.2000	Raingage1	Barlow_BV183_1

Barlow_BV182_2	0.01	13.33	2.00	0.2000	Raingage1	Barlow_BV183_2
Barlow_BV183_1	0.04	106.00	2.00	0.2000	UnderPanels	Barlow_BV184_1
Barlow_BV183_1_Pann	0.04	106.00	100.00	70.0000	Raingage1	Barlow_BV184_1
Barlow_BV183_2	0.01	20.16	2.00	0.2000	UnderPanels	Barlow_BV184_2
Barlow_BV183_2_Pann	0.01	20.16	100.00	70.0000	Raingage1	Barlow_BV184_2
Barlow_BV184_1	0.05	99.78	2.00	0.2000	Raingage1	Barlow_BV185_1
Barlow_BV184_2	0.01	26.88	2.00	0.2000	Raingage1	Barlow_BV185_2
Barlow_BV185_1	0.04	111.99	2.00	0.2000	UnderPanels	Barlow_BV186_1
Barlow_BV185_1_Pann	0.04	111.99	100.00	70.0000	Raingage1	Barlow_BV186_1
Barlow_BV185_2	0.01	35.97	2.00	0.2000	UnderPanels	Barlow_BV186_2
Barlow_BV185_2_Pann	0.01	35.97	100.00	70.0000	Raingage1	Barlow_BV186_2
Barlow_BV186_1	0.05	109.46	2.00	0.2000	Raingage1	Barlow_BV187_1
Barlow_BV186_2	0.02	41.08	2.00	0.2000	Raingage1	Barlow_BV187_2
Barlow_BV187_1	0.04	114.17	2.00	0.2000	UnderPanels	Barlow_BV188_1
Barlow_BV187_1_Pann	0.04	114.17	100.00	70.0000	Raingage1	Barlow_BV188_1
Barlow_BV187_2	0.02	49.05	2.00	0.2000	UnderPanels	Barlow_BV188_2
Barlow_BV187_2_Pann	0.02	49.05	100.00	70.0000	Raingage1	Barlow_BV188_2
Barlow_BV188_1	0.05	109.68	2.00	0.2000	Raingage1	Barlow_BV189_1
Barlow_BV188_2	0.03	56.13	2.00	0.2000	Raingage1	Barlow_BV189_2
Barlow_BV189_1	0.04	116.62	2.00	0.2000	UnderPanels	Barlow_BV190_1
Barlow_BV189_1_Pann	0.04	116.62	100.00	70.0000	Raingage1	Barlow_BV190_1
Barlow_BV189_2	0.02	61.58	2.00	0.2000	UnderPanels	Barlow_BV190_2
Barlow_BV189_2_Pann	0.02	61.58	100.00	70.0000	Raingage1	Barlow_BV190_2
Barlow_BV19_1	0.04	114.44	2.00	0.2000	UnderPanels	Barlow_BV21_1
Barlow_BV19_1_Pann	0.04	114.44	100.00	70.0000	Raingage1	Barlow_BV21_1
Barlow_BV19_3	0.01	27.52	2.00	0.2000	UnderPanels	Barlow_BV21_2
Barlow_BV19_3_Pann	0.01	27.52	100.00	70.0000	Raingage1	Barlow_BV21_2
Barlow_BV190_1	0.05	115.48	2.00	0.2000	Raingage1	Barlow_BV191_1
Barlow_BV190_2	0.03	61.72	2.00	0.2000	Raingage1	Barlow_BV191_2
Barlow_BV191_1	0.04	115.26	2.00	0.2000	UnderPanels	Barlow_BV192_1
Barlow_BV191_1_Pann	0.04	115.26	100.00	70.0000	Raingage1	Barlow_BV192_1
Barlow_BV191_2	0.02	59.13	2.00	0.2000	UnderPanels	Barlow_BV192_2
Barlow_BV191_2_Pann	0.02	59.13	100.00	70.0000	Raingage1	Barlow_BV192_2
Barlow_BV192_1	0.06	123.87	2.00	0.2000	Raingage1	Barlow_BV193_1
Barlow_BV192_2	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV193_2
Barlow_BV193_1	0.04	117.17	2.00	0.2000	UnderPanels	Barlow_BV194_1
Barlow_BV193_1_Pann	0.04	117.17	100.00	70.0000	Raingage1	Barlow_BV194_1
Barlow_BV193_2	0.02	53.68	2.00	0.2000	UnderPanels	Barlow_BV194_2
Barlow_BV193_2_Pann	0.02	53.68	100.00	70.0000	Raingage1	Barlow_BV194_2
Barlow_BV194_1	0.06	125.16	2.00	0.2000	Raingage1	Barlow_BV195_1
Barlow_BV194_2	0.03	54.84	2.00	0.2000	Raingage1	Barlow_BV195_2
Barlow_BV195_1	0.05	125.61	2.00	0.2000	UnderPanels	Barlow_BV196_1
Barlow_BV195_1_Pann	0.05	125.61	100.00	70.0000	Raingage1	Barlow_BV196_1
Barlow_BV195_2	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV196_2
Barlow_BV195_2_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV196_2

Barlow_BV196_1	0.06	126.02	2.00	0.2000	Raingage1	Barlow_BV197_1
Barlow_BV196_2	0.02	50.97	2.00	0.2000	Raingage1	Barlow_BV197_2
Barlow_BV197_1	0.05	127.25	2.00	0.2000	UnderPanels	Barlow_BV198_1
Barlow_BV197_1_Pann	0.05	127.25	100.00	70.0000	Raingage1	Barlow_BV198_1
Barlow_BV197_2	0.02	47.14	2.00	0.2000	UnderPanels	Barlow_BV198_2
Barlow_BV197_2_Pann	0.02	47.14	100.00	70.0000	Raingage1	Barlow_BV198_2
Barlow_BV198_1	0.06	133.76	2.00	0.2000	Raingage1	Barlow_BV199_1
Barlow_BV198_2	0.02	48.82	2.00	0.2000	Raingage1	Barlow_BV199_2
Barlow_BV199_1	0.05	125.34	2.00	0.2000	UnderPanels	Barlow_BV200_1
Barlow_BV199_1_Pann	0.05	125.34	100.00	70.0000	Raingage1	Barlow_BV200_1
Barlow_BV199_2	0.02	41.96	2.00	0.2000	UnderPanels	Barlow_BV200_2
Barlow_BV199_2_Pann	0.02	41.96	100.00	70.0000	Raingage1	Barlow_BV200_2
Barlow_BV2	0.02	53.13	2.00	0.2000	UnderPanels	Barlow_BV175_65
Barlow_BV2_Pann	0.02	53.13	100.00	70.0000	Raingage1	Barlow_BV175_65
Barlow_BV200_1	0.06	137.85	2.00	0.2000	Raingage1	Barlow_BV201_1
Barlow_BV200_2	0.02	43.44	2.00	0.2000	Raingage1	Barlow_BV201_2
Barlow_BV201_1	0.05	130.79	2.00	0.2000	UnderPanels	Barlow_BV202_1
Barlow_BV201_1_Pann	0.05	130.79	100.00	70.0000	Raingage1	Barlow_BV202_1
Barlow_BV201_2	0.02	42.23	2.00	0.2000	UnderPanels	Barlow_BV202_2
Barlow_BV201_2_Pann	0.02	42.23	100.00	70.0000	Raingage1	Barlow_BV202_2
Barlow_BV202_1	0.06	137.63	2.00	0.2000	Raingage1	Barlow_BV203_1
Barlow_BV202_2	0.02	40.65	2.00	0.2000	Raingage1	Barlow_BV203_2
Barlow_BV203_1	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV204_1
Barlow_BV203_1_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV204_1
Barlow_BV203_2	0.01	40.05	2.00	0.2000	UnderPanels	Barlow_BV204_2
Barlow_BV203_2_Pann	0.01	40.05	100.00	70.0000	Raingage1	Barlow_BV204_2
Barlow_BV204_1	0.06	134.19	2.00	0.2000	Raingage1	Barlow_BV205_1
Barlow_BV204_2	0.02	33.98	2.00	0.2000	Raingage1	Barlow_BV205_2
Barlow_BV205_1	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV206_1
Barlow_BV205_1_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV206_1
Barlow_BV205_2	0.01	36.78	2.00	0.2000	UnderPanels	Barlow_BV206_2
Barlow_BV205_2_Pann	0.01	36.78	100.00	70.0000	Raingage1	Barlow_BV206_2
Barlow_BV206_1	0.06	137.63	2.00	0.2000	Raingage1	Barlow_BV207_1
Barlow_BV206_2	0.01	30.75	2.00	0.2000	Raingage1	Barlow_J19
Barlow_BV207_1	0.05	149.05	2.00	0.2000	UnderPanels	Barlow_BV208_1
Barlow_BV207_1_Pann	0.05	149.05	100.00	70.0000	Raingage1	Barlow_BV208_1
Barlow_BV207_2	0.01	32.15	2.00	0.2000	UnderPanels	Barlow_BV208_2
Barlow_BV207_2_Pann	0.01	32.15	100.00	70.0000	Raingage1	Barlow_BV208_2
Barlow_BV208_1	0.07	146.67	2.00	0.2000	Raingage1	Barlow_BV209_1
Barlow_BV208_2	0.01	29.03	2.00	0.2000	Raingage1	Barlow_BV209_2
Barlow_BV209_1	0.06	150.41	2.00	0.2000	UnderPanels	Barlow_BV210_1
Barlow_BV209_1_Pann	0.06	150.41	100.00	70.0000	Raingage1	Barlow_BV210_1
Barlow_BV209_2	0.01	27.52	2.00	0.2000	UnderPanels	Barlow_BV210_2
Barlow_BV209_2_Pann	0.01	27.52	100.00	70.0000	Raingage1	Barlow_BV210_2
Barlow_BV21_1	0.05	106.67	2.00	0.2000	Raingage1	Barlow_BV24_1

Barlow_BV21_2	0.01	24.95	2.00	0.2000	Raingage1	Barlow_BV24_2
Barlow_BV210_1	0.07	159.35	2.00	0.2000	Raingage1	Barlow_BV211_1
Barlow_BV210_2	0.01	26.24	2.00	0.2000	Raingage1	Barlow_BV211_2
Barlow_BV211_1	0.06	150.95	2.00	0.2000	UnderPanels	Barlow_BV212_1
Barlow_BV211_1_Pann	0.06	150.95	100.00	70.0000	Raingage1	Barlow_BV212_1
Barlow_BV211_2	0.01	23.98	2.00	0.2000	UnderPanels	Barlow_BV212_2
Barlow_BV211_2_Pann	0.01	23.98	100.00	70.0000	Raingage1	Barlow_BV212_2
Barlow_BV212_1	0.07	152.04	2.00	0.2000	Raingage1	Barlow_BV213_1
Barlow_BV212_2	0.01	21.29	2.00	0.2000	Raingage1	Barlow_BV213_2
Barlow_BV213_1	0.06	162.67	2.00	0.2000	UnderPanels	Barlow_BV214_1
Barlow_BV213_1_Pann	0.06	162.67	100.00	70.0000	Raingage1	Barlow_BV214_1
Barlow_BV213_2	0.01	21.53	2.00	0.2000	UnderPanels	Barlow_BV214_2
Barlow_BV213_2_Pann	0.01	21.53	100.00	70.0000	Raingage1	Barlow_BV214_2
Barlow_BV214_1	0.07	154.84	2.00	0.2000	Raingage1	Barlow_BV215_1
Barlow_BV214_2	0.01	18.28	2.00	0.2000	Raingage1	Barlow_BV215_2
Barlow_BV215_1	0.06	161.85	2.00	0.2000	UnderPanels	Barlow_BV216_1
Barlow_BV215_1_Pann	0.06	161.85	100.00	70.0000	Raingage1	Barlow_BV216_1
Barlow_BV215_2	0.01	16.35	2.00	0.2000	UnderPanels	Barlow_BV216_2
Barlow_BV215_2_Pann	0.01	16.35	100.00	70.0000	Raingage1	Barlow_BV216_2
Barlow_BV216_1	0.07	158.50	2.00	0.2000	Raingage1	Barlow_BV217_1
Barlow_BV216_2	0.01	14.84	2.00	0.2000	Raingage1	Barlow_BV217_2
Barlow_BV217_1	0.06	167.85	2.00	0.2000	UnderPanels	Barlow_BV218
Barlow_BV217_1_Pann	0.06	167.85	100.00	70.0000	Raingage1	Barlow_BV218
Barlow_BV217_2	0.00	13.35	2.00	0.2000	UnderPanels	Barlow_J14
Barlow_BV217_2_Pann	0.00	13.35	100.00	70.0000	Raingage1	Barlow_J14
Barlow_BV218	0.08	180.86	2.00	0.2000	Raingage1	Barlow_BV219
Barlow_BV219	0.06	174.66	2.00	0.2000	UnderPanels	Barlow_BV372
Barlow_BV219_Pann	0.06	174.66	100.00	70.0000	Raingage1	Barlow_BV372
Barlow_BV22_1	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV175_79
Barlow_BV22_1_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV175_79
Barlow_BV220	0.01	34.06	2.00	0.2000	UnderPanels	Barlow_BV221
Barlow_BV220_Pann	0.01	34.06	100.00	70.0000	Raingage1	Barlow_BV221
Barlow_BV221	0.02	44.73	2.00	0.2000	Raingage1	Barlow_BV222
Barlow_BV222	0.02	55.04	2.00	0.2000	UnderPanels	Barlow_BV223
Barlow_BV222_Pann	0.02	55.04	100.00	70.0000	Raingage1	Barlow_BV223
Barlow_BV223	0.02	53.33	2.00	0.2000	Raingage1	Barlow_BV224
Barlow_BV224	0.02	51.77	2.00	0.2000	UnderPanels	Barlow_BV225
Barlow_BV224_Pann	0.02	51.77	100.00	70.0000	Raingage1	Barlow_BV225
Barlow_BV225	0.03	63.87	2.00	0.2000	Raingage1	Barlow_BV226
Barlow_BV226	0.03	70.30	2.00	0.2000	UnderPanels	Barlow_BV227
Barlow_BV226_Pann	0.03	70.30	100.00	70.0000	Raingage1	Barlow_BV227
Barlow_BV227	0.04	84.95	2.00	0.2000	Raingage1	Barlow_BV228
Barlow_BV228	0.03	80.93	2.00	0.2000	UnderPanels	Barlow_BV229
Barlow_BV228_Pann	0.03	80.93	100.00	70.0000	Raingage1	Barlow_BV229
Barlow_BV229	0.05	101.72	2.00	0.2000	Raingage1	Barlow_BV230

Barlow_BV23_1	0.01	35.15	2.00	0.2000	UnderPanels	Barlow_BV175_80
Barlow_BV23_1_Pann	0.01	35.15	100.00	70.0000	Raingage1	Barlow_BV175_80
Barlow_BV23_2	0.01	17.98	2.00	0.2000	UnderPanels	Barlow_BV13_1
Barlow_BV23_2_Pann	0.01	17.98	100.00	70.0000	Raingage1	Barlow_J2
Barlow_BV230	0.04	103.82	2.00	0.2000	UnderPanels	Barlow_BV231
Barlow_BV230_Pann	0.04	103.82	100.00	70.0000	Raingage1	Barlow_BV231
Barlow_BV231	0.05	109.68	2.00	0.2000	Raingage1	Barlow_BV232
Barlow_BV232	0.04	105.72	2.00	0.2000	UnderPanels	Barlow_BV233_1
Barlow_BV232_Pann	0.04	105.72	100.00	70.0000	Raingage1	Barlow_BV233_1
Barlow_BV233_1	0.05	113.98	2.00	0.2000	Raingage1	Barlow_BV234_1
Barlow_BV234_1	0.04	111.17	2.00	0.2000	UnderPanels	Barlow_BV235_1
Barlow_BV234_1_Pann	0.04	111.17	100.00	70.0000	Raingage1	Barlow_BV235_1
Barlow_BV234_2	0.00	7.36	2.00	0.2000	UnderPanels	Barlow_BV235_2
Barlow_BV234_2_Pann	0.00	7.36	100.00	70.0000	Raingage1	Barlow_BV235_2
Barlow_BV235_1	0.06	118.28	2.00	0.2000	Raingage1	Barlow_BV236_1
Barlow_BV235_2	0.01	16.13	2.00	0.2000	Raingage1	Barlow_BV236_2
Barlow_BV236_1	0.04	117.17	2.00	0.2000	UnderPanels	Barlow_BV237_1
Barlow_BV236_1_Pann	0.04	117.17	100.00	70.0000	Raingage1	Barlow_BV237_1
Barlow_BV236_2	0.01	23.98	2.00	0.2000	UnderPanels	Barlow_BV237_2
Barlow_BV236_2_Pann	0.01	23.98	100.00	70.0000	Raingage1	Barlow_BV237_2
Barlow_BV237_1	0.06	120.65	2.00	0.2000	Raingage1	Barlow_BV238_1
Barlow_BV237_2	0.01	31.18	2.00	0.2000	Raingage1	Barlow_BV238_2
Barlow_BV238_1	0.04	120.44	2.00	0.2000	UnderPanels	Barlow_BV239_1
Barlow_BV238_1_Pann	0.04	120.44	100.00	70.0000	Raingage1	Barlow_BV239_1
Barlow_BV238_2	0.01	38.15	2.00	0.2000	UnderPanels	Barlow_BV239_2
Barlow_BV238_2_Pann	0.01	38.15	100.00	70.0000	Raingage1	Barlow_BV239_2
Barlow_BV239_1	0.06	122.15	2.00	0.2000	Raingage1	Barlow_BV240_1
Barlow_BV239_2	0.02	48.17	2.00	0.2000	Raingage1	Barlow_BV240_2
Barlow_BV24_1	0.04	101.64	2.00	0.2000	UnderPanels	Barlow_BV25_1
Barlow_BV24_1_Pann	0.04	101.64	100.00	70.0000	Raingage1	Barlow_BV25_1
Barlow_BV24_2	0.01	26.43	2.00	0.2000	UnderPanels	Barlow_BV25_2
Barlow_BV24_2_Pann	0.01	26.43	100.00	70.0000	Raingage1	Barlow_BV25_2
Barlow_BV240_1	0.04	115.80	2.00	0.2000	UnderPanels	Barlow_BV241_1
Barlow_BV240_1_Pann	0.04	115.80	100.00	70.0000	Raingage1	Barlow_BV241_1
Barlow_BV240_2	0.02	53.41	2.00	0.2000	UnderPanels	Barlow_BV241_2
Barlow_BV240_2_Pann	0.02	53.41	100.00	70.0000	Raingage1	Barlow_BV241_2
Barlow_BV241_1	0.05	117.63	2.00	0.2000	Raingage1	Barlow_BV242_1
Barlow_BV241_2	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV242_2
Barlow_BV242_1	0.04	103.27	2.00	0.2000	UnderPanels	Barlow_BV243_1
Barlow_BV242_1_Pann	0.04	103.27	100.00	70.0000	Raingage1	Barlow_BV243_1
Barlow_BV242_2	0.03	69.48	2.00	0.2000	UnderPanels	Barlow_BV243_2
Barlow_BV242_2_Pann	0.03	69.48	100.00	70.0000	Raingage1	Barlow_BV243_2
Barlow_BV243_1	0.05	115.48	2.00	0.2000	Raingage1	Barlow_BV244_1
Barlow_BV243_2	0.03	75.05	2.00	0.2000	Raingage1	Barlow_BV244_2
Barlow_BV244_1	0.04	116.89	2.00	0.2000	UnderPanels	Barlow_BV245_1

Barlow_BV244_1_Pann	0.04	116.89	100.00	70.0000	Raingage1	Barlow_BV245_1
Barlow_BV244_2	0.03	76.84	2.00	0.2000	UnderPanels	Barlow_BV245_2
Barlow_BV244_2_Pann	0.03	76.84	100.00	70.0000	Raingage1	Barlow_BV245_2
Barlow_BV245_1	0.05	112.26	2.00	0.2000	Raingage1	Barlow_BV246_1
Barlow_BV245_2	0.04	78.71	2.00	0.2000	Raingage1	Barlow_BV246_2
Barlow_BV246_1	0.03	93.73	2.00	0.2000	UnderPanels	Barlow_BV247_1
Barlow_BV246_1_Pann	0.03	93.73	100.00	70.0000	Raingage1	Barlow_BV247_1
Barlow_BV246_2	0.03	71.94	2.00	0.2000	UnderPanels	Barlow_BV247_2
Barlow_BV246_2_Pann	0.03	71.94	100.00	70.0000	Raingage1	Barlow_BV247_2
Barlow_BV247_1	0.05	109.25	2.00	0.2000	Raingage1	Barlow_BV248_1
Barlow_BV247_2	0.03	74.19	2.00	0.2000	Raingage1	Barlow_BV248_2
Barlow_BV248_1	0.04	104.09	2.00	0.2000	UnderPanels	Barlow_BV249_1
Barlow_BV248_1_Pann	0.04	104.09	100.00	70.0000	Raingage1	Barlow_BV249_1
Barlow_BV248_2	0.03	72.21	2.00	0.2000	UnderPanels	Barlow_BV249_2
Barlow_BV248_2_Pann	0.03	72.21	100.00	70.0000	Raingage1	Barlow_BV249_2
Barlow_BV249_1	0.05	104.95	2.00	0.2000	Raingage1	Barlow_BV250_1
Barlow_BV249_2	0.03	70.11	2.00	0.2000	Raingage1	Barlow_BV250_2
Barlow_BV25_1	0.04	92.47	2.00	0.2000	Raingage1	Barlow_BV18_2
Barlow_BV25_2	0.01	23.44	2.00	0.2000	Raingage1	Barlow_BV18_3
Barlow_BV250_1	0.04	116.08	2.00	0.2000	UnderPanels	Barlow_BV251_1
Barlow_BV250_1_Pann	0.04	116.08	100.00	70.0000	Raingage1	Barlow_BV251_1
Barlow_BV250_2	0.03	73.57	2.00	0.2000	UnderPanels	Barlow_BV251_2
Barlow_BV250_2_Pann	0.03	73.57	100.00	70.0000	Raingage1	Barlow_BV251_2
Barlow_BV251_1	0.05	106.67	2.00	0.2000	Raingage1	Barlow_BV252_1
Barlow_BV251_2	0.03	66.02	2.00	0.2000	Raingage1	Barlow_BV252_2
Barlow_BV252_1	0.04	113.62	2.00	0.2000	UnderPanels	Barlow_BV253_1
Barlow_BV252_1_Pann	0.04	113.62	100.00	70.0000	Raingage1	Barlow_BV253_1
Barlow_BV252_2	0.02	66.21	2.00	0.2000	UnderPanels	Barlow_BV253_2
Barlow_BV252_2_Pann	0.02	66.21	100.00	70.0000	Raingage1	Barlow_BV253_2
Barlow_BV253_1	0.05	102.58	2.00	0.2000	Raingage1	Barlow_BV254_1
Barlow_BV253_2	0.03	61.29	2.00	0.2000	Raingage1	Barlow_BV254_2
Barlow_BV254_1	0.04	97.55	2.00	0.2000	UnderPanels	Barlow_BV255_1
Barlow_BV254_1_Pann	0.04	97.55	100.00	70.0000	Raingage1	Barlow_BV255_1
Barlow_BV254_2	0.02	60.76	2.00	0.2000	UnderPanels	Barlow_BV255_2
Barlow_BV254_2_Pann	0.02	60.76	100.00	70.0000	Raingage1	Barlow_BV255_2
Barlow_BV255_1	0.04	94.62	2.00	0.2000	Raingage1	Barlow_BV256_1
Barlow_BV255_2	0.03	57.85	2.00	0.2000	Raingage1	Barlow_BV256_2
Barlow_BV256_1	0.04	102.18	2.00	0.2000	UnderPanels	Barlow_BV257_1
Barlow_BV256_1_Pann	0.04	102.18	100.00	70.0000	Raingage1	Barlow_BV257_1
Barlow_BV256_2	0.02	59.95	2.00	0.2000	UnderPanels	Barlow_BV257_2
Barlow_BV256_2_Pann	0.02	59.95	100.00	70.0000	Raingage1	Barlow_BV257_2
Barlow_BV257_1	0.05	103.01	2.00	0.2000	Raingage1	Barlow_BV258_1
Barlow_BV257_2	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV258_2
Barlow_BV258_1	0.04	109.26	2.00	0.2000	UnderPanels	Barlow_BV259_1
Barlow_BV258_1_Pann	0.04	109.26	100.00	70.0000	Raingage1	Barlow_BV259_1

Barlow_BV258_2	0.02	57.22	2.00	0.2000	UnderPanels	Barlow_BV259_2
Barlow_BV258_2_Pann	0.02	57.22	100.00	70.0000	Raingage1	Barlow_BV259_2
Barlow_BV259_1	0.04	92.69	2.00	0.2000	Raingage1	Barlow_BV260_1
Barlow_BV259_2	0.02	51.83	2.00	0.2000	Raingage1	Barlow_BV260_2
Barlow_BV26_1	0.09	183.01	2.00	0.2000	Raingage1	Barlow_BV5_3
Barlow_BV26_2	0.02	41.72	2.00	0.2000	Raingage1	Barlow_BV5_4
Barlow_BV260_1	0.03	88.01	2.00	0.2000	UnderPanels	Barlow_BV261_1
Barlow_BV260_1_Pann	0.03	88.01	100.00	70.0000	Raingage1	Barlow_BV261_1
Barlow_BV260_2	0.02	52.59	2.00	0.2000	UnderPanels	Barlow_BV261_2
Barlow_BV260_2_Pann	0.02	52.59	100.00	70.0000	Raingage1	Barlow_BV261_2
Barlow_BV261_1	0.04	95.27	2.00	0.2000	Raingage1	Barlow_BV262_1
Barlow_BV261_2	0.03	53.98	2.00	0.2000	Raingage1	Barlow_J31
Barlow_BV262_1	0.03	85.56	2.00	0.2000	UnderPanels	Barlow_BV263_1
Barlow_BV262_1_Pann	0.03	85.56	100.00	70.0000	Raingage1	Barlow_BV263_1
Barlow_BV262_2	0.02	45.23	2.00	0.2000	UnderPanels	Barlow_BV263_2
Barlow_BV262_2_Pann	0.02	45.23	100.00	70.0000	Raingage1	Barlow_BV263_2
Barlow_BV263_1	0.05	97.85	2.00	0.2000	Raingage1	Barlow_BV264_1
Barlow_BV263_2	0.02	47.10	2.00	0.2000	Raingage1	Barlow_BV264_2
Barlow_BV264_1	0.04	95.91	2.00	0.2000	UnderPanels	Barlow_BV265_1
Barlow_BV264_1_Pann	0.04	95.91	100.00	70.0000	Raingage1	Barlow_BV265_1
Barlow_BV264_2	0.02	47.14	2.00	0.2000	UnderPanels	Barlow_BV265_2
Barlow_BV264_2_Pann	0.02	47.14	100.00	70.0000	Raingage1	Barlow_BV265_2
Barlow_BV265_1	0.05	98.71	2.00	0.2000	Raingage1	Barlow_BV266_1
Barlow_BV265_2	0.02	45.38	2.00	0.2000	Raingage1	Barlow_BV266_2
Barlow_BV266_1	0.04	97.55	2.00	0.2000	UnderPanels	Barlow_BV267_1
Barlow_BV266_1_Pann	0.04	97.55	100.00	70.0000	Raingage1	Barlow_BV267_1
Barlow_BV266_2	0.02	41.14	2.00	0.2000	UnderPanels	Barlow_BV267_2
Barlow_BV266_2_Pann	0.02	41.14	100.00	70.0000	Raingage1	Barlow_BV267_2
Barlow_BV267_1	0.04	92.26	2.00	0.2000	Raingage1	Barlow_BV268_1
Barlow_BV267_2	0.02	41.08	2.00	0.2000	Raingage1	Barlow_BV268_2
Barlow_BV268_1	0.03	84.20	2.00	0.2000	UnderPanels	Barlow_BV269_1
Barlow_BV268_1_Pann	0.03	84.20	100.00	70.0000	Raingage1	Barlow_BV269_1
Barlow_BV268_2	0.01	39.24	2.00	0.2000	UnderPanels	Barlow_BV269_2
Barlow_BV268_2_Pann	0.01	39.24	100.00	70.0000	Raingage1	Barlow_BV269_2
Barlow_BV269_1	0.04	86.67	2.00	0.2000	Raingage1	Barlow_BV270_1
Barlow_BV269_2	0.02	37.85	2.00	0.2000	Raingage1	Barlow_BV270_2
Barlow_BV27_1	0.02	63.76	2.00	0.2000	UnderPanels	Barlow_BV26_1
Barlow_BV27_1_Pann	0.02	63.76	100.00	70.0000	Raingage1	Barlow_BV26_1
Barlow_BV27_2	0.02	48.23	2.00	0.2000	UnderPanels	Barlow_BV26_2
Barlow_BV27_2_Pann	0.02	48.23	100.00	70.0000	Raingage1	Barlow_BV26_2
Barlow_BV270_1	0.03	86.38	2.00	0.2000	UnderPanels	Barlow_BV271_1
Barlow_BV270_1_Pann	0.03	86.38	100.00	70.0000	Raingage1	Barlow_BV271_1
Barlow_BV270_2	0.01	35.15	2.00	0.2000	UnderPanels	Barlow_BV271_2
Barlow_BV270_2_Pann	0.01	35.15	100.00	70.0000	Raingage1	Barlow_BV271_2
Barlow_BV271_1	0.04	90.75	2.00	0.2000	Raingage1	Barlow_BV272_1

Barlow_BV271_2	0.02	35.48	2.00	0.2000	Raingage1	Barlow_BV272_2
Barlow_BV272_1	0.03	87.74	2.00	0.2000	UnderPanels	Barlow_BV273_1
Barlow_BV272_1_Pann	0.03	87.74	100.00	70.0000	Raingage1	Barlow_BV273_1
Barlow_BV272_2	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_BV273_2
Barlow_BV272_2_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_BV273_2
Barlow_BV273_1	0.04	95.48	2.00	0.2000	Raingage1	Barlow_BV274_1
Barlow_BV273_2	0.01	32.26	2.00	0.2000	Raingage1	Barlow_BV274_2
Barlow_BV274_1	0.03	91.55	2.00	0.2000	UnderPanels	Barlow_BV275_1
Barlow_BV274_1_Pann	0.03	91.55	100.00	70.0000	Raingage1	Barlow_BV275_1
Barlow_BV274_2	0.01	29.16	2.00	0.2000	UnderPanels	Barlow_BV275_2
Barlow_BV274_2_Pann	0.01	29.16	100.00	70.0000	Raingage1	Barlow_BV275_2
Barlow_BV275_1	0.04	85.81	2.00	0.2000	Raingage1	Barlow_BV276_1
Barlow_BV275_2	0.01	28.39	2.00	0.2000	Raingage1	Barlow_BV276_2
Barlow_BV276_1	0.03	81.47	2.00	0.2000	UnderPanels	Barlow_BV277_1
Barlow_BV276_1_Pann	0.03	81.47	100.00	70.0000	Raingage1	Barlow_BV277_1
Barlow_BV276_2	0.01	26.16	2.00	0.2000	UnderPanels	Barlow_BV277_2
Barlow_BV276_2_Pann	0.01	26.16	100.00	70.0000	Raingage1	Barlow_BV277_2
Barlow_BV277_1	0.04	80.00	2.00	0.2000	Raingage1	Barlow_BV278_1
Barlow_BV277_2	0.01	24.09	2.00	0.2000	Raingage1	Barlow_BV278_2
Barlow_BV278_1	0.03	86.65	2.00	0.2000	UnderPanels	Barlow_BV279_1
Barlow_BV278_1_Pann	0.03	86.65	100.00	70.0000	Raingage1	Barlow_BV279_1
Barlow_BV278_2	0.01	24.25	2.00	0.2000	UnderPanels	Barlow_BV279_2
Barlow_BV278_2_Pann	0.01	24.25	100.00	70.0000	Raingage1	Barlow_BV279_2
Barlow_BV279_1	0.04	84.09	2.00	0.2000	Raingage1	Barlow_BV280_1
Barlow_BV279_2	0.01	21.29	2.00	0.2000	Raingage1	Barlow_BV280_2
Barlow_BV28_1	0.02	49.03	2.00	0.2000	Raingage1	Barlow_BV27_1
Barlow_BV28_2	0.02	42.80	2.00	0.2000	Raingage1	Barlow_BV27_2
Barlow_BV280_1	0.03	83.38	2.00	0.2000	UnderPanels	Barlow_BV281_1
Barlow_BV280_1_Pann	0.03	83.38	100.00	70.0000	Raingage1	Barlow_BV281_1
Barlow_BV280_2	0.01	18.80	2.00	0.2000	UnderPanels	Barlow_BV281_2
Barlow_BV280_2_Pann	0.01	18.80	100.00	70.0000	Raingage1	Barlow_BV281_2
Barlow_BV281_1	0.04	80.64	2.00	0.2000	Raingage1	Barlow_BV14_3
Barlow_BV281_2	0.01	19.36	2.00	0.2000	Raingage1	Barlow_BV282_2
Barlow_BV282_1	0.03	73.03	2.00	0.2000	UnderPanels	Barlow_BV283_1
Barlow_BV282_1_Pann	0.03	73.03	100.00	70.0000	Raingage1	Barlow_BV283_1
Barlow_BV282_2	0.01	16.62	2.00	0.2000	UnderPanels	Barlow_BV283_2
Barlow_BV282_2_Pann	0.01	16.62	100.00	70.0000	Raingage1	Barlow_BV283_2
Barlow_BV283_1	0.03	63.23	2.00	0.2000	Raingage1	Barlow_BV284_1
Barlow_BV283_2	0.01	15.05	2.00	0.2000	Raingage1	Barlow_BV284_2
Barlow_BV284_1	0.02	58.86	2.00	0.2000	UnderPanels	Barlow_BV285_1
Barlow_BV284_1_Pann	0.02	58.86	100.00	70.0000	Raingage1	Barlow_BV285_1
Barlow_BV284_2	0.01	14.17	2.00	0.2000	UnderPanels	Barlow_BV285_2
Barlow_BV284_2_Pann	0.01	14.17	100.00	70.0000	Raingage1	Barlow_BV285_2
Barlow_BV285_1	0.03	58.71	2.00	0.2000	Raingage1	Barlow_BV286_1
Barlow_BV285_2	0.01	11.61	2.00	0.2000	Raingage1	Barlow_BV286_2

Barlow_BV286_1	0.02	58.58	2.00	0.2000	UnderPanels	Barlow_BV287_1
Barlow_BV286_1_Pann	0.02	58.58	100.00	70.0000	Raingage1	Barlow_BV287_1
Barlow_BV286_2	0.00	9.81	2.00	0.2000	UnderPanels	Barlow_BV287_2
Barlow_BV286_2_Pann	0.00	9.81	100.00	70.0000	Raingage1	Barlow_BV287_2
Barlow_BV287_1	0.03	55.48	2.00	0.2000	Raingage1	Barlow_BV288_1
Barlow_BV287_2	0.00	9.03	2.00	0.2000	Raingage1	Barlow_BV288_2
Barlow_BV288_1	0.02	46.05	2.00	0.2000	UnderPanels	Barlow_BV289_1
Barlow_BV288_1_Pann	0.02	46.05	100.00	70.0000	Raingage1	Barlow_BV289_1
Barlow_BV288_2	0.00	6.81	2.00	0.2000	UnderPanels	Barlow_BV289_2
Barlow_BV288_2_Pann	0.00	6.81	100.00	70.0000	Raingage1	Barlow_BV289_2
Barlow_BV289_1	0.02	39.14	2.00	0.2000	Raingage1	Barlow_BV290_1
Barlow_BV289_2	0.00	5.38	2.00	0.2000	Raingage1	Barlow_BV290_2
Barlow_BV29_1	0.02	46.87	2.00	0.2000	UnderPanels	Barlow_BV28_1
Barlow_BV29_1_Pann	0.02	46.87	100.00	70.0000	Raingage1	Barlow_BV28_1
Barlow_BV29_2	0.02	46.05	2.00	0.2000	UnderPanels	Barlow_BV28_2
Barlow_BV29_2_Pann	0.02	46.05	100.00	70.0000	Raingage1	Barlow_BV28_2
Barlow_BV290_1	0.01	31.61	2.00	0.2000	UnderPanels	Barlow_J18
Barlow_BV290_1_Pann	0.01	31.61	100.00	70.0000	Raingage1	Barlow_J18
Barlow_BV290_2	0.00	3.81	2.00	0.2000	UnderPanels	Barlow_J18
Barlow_BV290_2_Pann	0.00	3.81	100.00	70.0000	Raingage1	Barlow_J18
Barlow_BV291_1	0.06	175.75	2.00	0.2000	UnderPanels	Barlow_BV292_1
Barlow_BV291_1_Pann	0.06	175.75	100.00	70.0000	Raingage1	Barlow_BV292_1
Barlow_BV291_2	0.00	11.72	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV291_2_Pann	0.00	11.72	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV292_1	0.07	155.05	2.00	0.2000	Raingage1	Barlow_BV293_1
Barlow_BV292_2	0.00	10.32	2.00	0.2000	Raingage1	Barlow_BV294_2
Barlow_BV293_1	0.05	148.77	2.00	0.2000	UnderPanels	Barlow_BV294_1
Barlow_BV293_1_Pann	0.05	148.77	100.00	70.0000	Raingage1	Barlow_BV294_1
Barlow_BV293_2	0.00	8.99	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV293_2_Pann	0.00	8.99	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV294_1	0.07	157.85	2.00	0.2000	Raingage1	Barlow_BV296_1
Barlow_BV294_2	0.11	233.12	2.00	0.2000	Raingage1	Barlow_BV296_2
Barlow_BV295	0.06	161.04	2.00	0.2000	UnderPanels	Barlow_BV294_2
Barlow_BV295_Pann	0.06	161.04	100.00	70.0000	Raingage1	Barlow_BV294_2
Barlow_BV296_1	0.06	151.23	2.00	0.2000	UnderPanels	Barlow_BV297_1
Barlow_BV296_1_Pann	0.06	151.23	100.00	70.0000	Raingage1	Barlow_BV297_1
Barlow_BV296_2	0.06	164.03	2.00	0.2000	UnderPanels	Barlow_BV297_2
Barlow_BV296_2_Pann	0.06	164.03	100.00	70.0000	Raingage1	Barlow_BV297_2
Barlow_BV297_1	0.06	139.57	2.00	0.2000	Raingage1	Barlow_BV298_1
Barlow_BV297_2	0.07	160.43	2.00	0.2000	Raingage1	Barlow_BV298_2
Barlow_BV298_1	0.05	137.33	2.00	0.2000	UnderPanels	Barlow_BV299_1
Barlow_BV298_1_Pann	0.05	137.33	100.00	70.0000	Raingage1	Barlow_BV299_1
Barlow_BV298_2	0.06	165.94	2.00	0.2000	UnderPanels	Barlow_BV299_2
Barlow_BV298_2_Pann	0.06	165.94	100.00	70.0000	Raingage1	Barlow_BV299_2
Barlow_BV299_1	0.06	132.69	2.00	0.2000	Raingage1	Barlow_BV300_1

Barlow_BV299_2	0.07	158.28	2.00	0.2000	Raingage1	Barlow_BV300_2
Barlow_BV3	0.03	73.30	2.00	0.2000	UnderPanels	Barlow_BV175_64
Barlow_BV3_Pann	0.03	73.30	100.00	70.0000	Raingage1	Barlow_BV175_64
Barlow_BV30_1	0.02	34.41	2.00	0.2000	Raingage1	Barlow_BV29_1
Barlow_BV30_2	0.02	42.58	2.00	0.2000	Raingage1	Barlow_BV29_2
Barlow_BV300_1	0.05	122.89	2.00	0.2000	UnderPanels	Barlow_BV301_1
Barlow_BV300_1_Pann	0.05	122.89	100.00	70.0000	Raingage1	Barlow_BV301_1
Barlow_BV300_2	0.06	167.58	2.00	0.2000	UnderPanels	Barlow_BV301_2
Barlow_BV300_2_Pann	0.06	167.58	100.00	70.0000	Raingage1	Barlow_BV301_2
Barlow_BV301_1	0.05	115.27	2.00	0.2000	Raingage1	Barlow_BV302_1
Barlow_BV301_2	0.07	158.28	2.00	0.2000	Raingage1	Barlow_BV302_2
Barlow_BV302_1	0.04	103.54	2.00	0.2000	UnderPanels	Barlow_BV303_1
Barlow_BV302_1_Pann	0.04	103.54	100.00	70.0000	Raingage1	Barlow_BV303_1
Barlow_BV302_2	0.06	159.13	2.00	0.2000	UnderPanels	Barlow_BV303_2
Barlow_BV302_2_Pann	0.06	159.13	100.00	70.0000	Raingage1	Barlow_BV303_2
Barlow_BV303_1	0.05	99.78	2.00	0.2000	Raingage1	Barlow_BV304_1
Barlow_BV303_2	0.07	155.70	2.00	0.2000	Raingage1	Barlow_BV304_2
Barlow_BV304_1	0.03	90.74	2.00	0.2000	UnderPanels	Barlow_BV305_1
Barlow_BV304_1_Pann	0.03	90.74	100.00	70.0000	Raingage1	Barlow_BV305_1
Barlow_BV304_2	0.06	154.22	2.00	0.2000	UnderPanels	Barlow_BV305_2
Barlow_BV304_2_Pann	0.06	154.22	100.00	70.0000	Raingage1	Barlow_BV305_2
Barlow_BV305_1	0.04	95.91	2.00	0.2000	Raingage1	Barlow_BV306_1
Barlow_BV305_2	0.07	154.84	2.00	0.2000	Raingage1	Barlow_BV306_2
Barlow_BV306_1	0.03	92.10	2.00	0.2000	UnderPanels	Barlow_BV307_1
Barlow_BV306_1_Pann	0.03	92.10	100.00	70.0000	Raingage1	Barlow_BV307_1
Barlow_BV306_2	0.06	157.77	2.00	0.2000	UnderPanels	Barlow_BV307_2
Barlow_BV306_2_Pann	0.06	157.77	100.00	70.0000	Raingage1	Barlow_BV307_2
Barlow_BV307_1	0.04	89.03	2.00	0.2000	Raingage1	Barlow_BV308_1
Barlow_BV307_2	0.07	149.25	2.00	0.2000	Raingage1	Barlow_BV308_2
Barlow_BV308_1	0.03	79.29	2.00	0.2000	UnderPanels	Barlow_BV309_1
Barlow_BV308_1_Pann	0.03	79.29	100.00	70.0000	Raingage1	Barlow_BV309_1
Barlow_BV308_2	0.06	156.68	2.00	0.2000	UnderPanels	Barlow_BV309_2
Barlow_BV308_2_Pann	0.06	156.68	100.00	70.0000	Raingage1	Barlow_BV309_2
Barlow_BV309_1	0.03	72.26	2.00	0.2000	Raingage1	Barlow_BV310_1
Barlow_BV309_2	0.07	151.40	2.00	0.2000	Raingage1	Barlow_BV310_2
Barlow_BV310_1	0.02	62.40	2.00	0.2000	UnderPanels	Barlow_BV311_1
Barlow_BV310_1_Pann	0.02	62.40	100.00	70.0000	Raingage1	Barlow_BV311_1
Barlow_BV310_2	0.05	139.78	2.00	0.2000	UnderPanels	Barlow_BV311_2
Barlow_BV310_2_Pann	0.05	139.78	100.00	70.0000	Raingage1	Barlow_BV311_2
Barlow_BV311_1	0.03	57.20	2.00	0.2000	Raingage1	Barlow_BV312_1
Barlow_BV311_2	0.07	149.25	2.00	0.2000	Raingage1	Barlow_BV312_2
Barlow_BV312_1	0.02	49.86	2.00	0.2000	UnderPanels	Barlow_BV313_1
Barlow_BV312_1_Pann	0.02	49.86	100.00	70.0000	Raingage1	Barlow_BV313_1
Barlow_BV312_2	0.05	149.59	2.00	0.2000	UnderPanels	Barlow_BV313_2
Barlow_BV312_2_Pann	0.05	149.59	100.00	70.0000	Raingage1	Barlow_BV313_2

Barlow_BV313_1	0.02	49.25	2.00	0.2000	Raingage1	Barlow_BV314_1
Barlow_BV313_2	0.06	135.91	2.00	0.2000	Raingage1	Barlow_BV314_2
Barlow_BV314_1	0.02	52.32	2.00	0.2000	UnderPanels	Barlow_BV315_1
Barlow_BV314_1_Pann	0.02	52.32	100.00	70.0000	Raingage1	Barlow_BV315_1
Barlow_BV314_2	0.05	125.89	2.00	0.2000	UnderPanels	Barlow_BV315_2
Barlow_BV314_2_Pann	0.05	125.89	100.00	70.0000	Raingage1	Barlow_BV315_2
Barlow_BV315_1	0.02	43.23	2.00	0.2000	Raingage1	Barlow_BV316_1
Barlow_BV315_2	0.05	117.85	2.00	0.2000	Raingage1	Barlow_BV316_2
Barlow_BV316_1	0.01	36.78	2.00	0.2000	UnderPanels	Barlow_BV317_1
Barlow_BV316_1_Pann	0.01	36.78	100.00	70.0000	Raingage1	Barlow_BV317_1
Barlow_BV316_2	0.04	105.72	2.00	0.2000	UnderPanels	Barlow_BV317_2
Barlow_BV316_2_Pann	0.04	105.72	100.00	70.0000	Raingage1	Barlow_BV317_2
Barlow_BV317_1	0.01	27.96	2.00	0.2000	Raingage1	Barlow_BV318_1
Barlow_BV317_2	0.04	92.04	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV318_1	0.01	20.71	2.00	0.2000	UnderPanels	Barlow_BV319_1
Barlow_BV318_1_Pann	0.01	20.71	100.00	70.0000	Raingage1	Barlow_BV319_1
Barlow_BV318_2	0.03	86.10	2.00	0.2000	UnderPanels	Barlow_BV319_2
Barlow_BV318_2_Pann	0.03	86.10	100.00	70.0000	Raingage1	Barlow_BV319_2
Barlow_BV319_1	0.01	19.36	2.00	0.2000	Raingage1	Barlow_BV320_1
Barlow_BV319_2	0.04	77.63	2.00	0.2000	Raingage1	Barlow_BV320_2
Barlow_BV32_1	0.01	29.16	2.00	0.2000	UnderPanels	Barlow_BV30_1
Barlow_BV32_1_Pann	0.01	29.16	100.00	70.0000	Raingage1	Barlow_BV30_1
Barlow_BV32_2	0.02	45.23	2.00	0.2000	UnderPanels	Barlow_BV30_2
Barlow_BV32_2_Pann	0.02	45.23	100.00	70.0000	Raingage1	Barlow_BV30_2
Barlow_BV320_1	0.01	18.26	2.00	0.2000	UnderPanels	Barlow_BV321_1
Barlow_BV320_1_Pann	0.01	18.26	100.00	70.0000	Raingage1	Barlow_BV321_1
Barlow_BV320_2	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV321_2
Barlow_BV320_2_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV321_2
Barlow_BV321_1	0.01	11.83	2.00	0.2000	Raingage1	Barlow_BV322_1
Barlow_BV321_2	0.03	67.74	2.00	0.2000	Raingage1	Barlow_BV322_2
Barlow_BV322_1	0.00	6.27	2.00	0.2000	UnderPanels	Barlow_J30
Barlow_BV322_1_Pann	0.00	6.27	100.00	70.0000	Raingage1	Barlow_J30
Barlow_BV322_2	0.02	64.85	2.00	0.2000	UnderPanels	Barlow_BV323_2
Barlow_BV322_2_Pann	0.02	64.85	100.00	70.0000	Raingage1	Barlow_BV323_2
Barlow_BV323_2	0.02	50.97	2.00	0.2000	Raingage1	Barlow_Pond1
Barlow_BV324	0.01	34.88	2.00	0.2000	UnderPanels	Barlow_Pond1
Barlow_BV324_Pann	0.01	34.88	100.00	70.0000	Raingage1	Barlow_J30
Barlow_BV325	0.01	17.98	2.00	0.2000	UnderPanels	Barlow_BV326
Barlow_BV325_Pann	0.01	17.98	100.00	70.0000	Raingage1	Barlow_BV326
Barlow_BV326	0.01	26.88	2.00	0.2000	Raingage1	Barlow_BV327
Barlow_BV327	0.01	35.97	2.00	0.2000	UnderPanels	Barlow_BV328
Barlow_BV327_Pann	0.01	35.97	100.00	70.0000	Raingage1	Barlow_BV328
Barlow_BV328	0.02	42.15	2.00	0.2000	Raingage1	Barlow_BV329
Barlow_BV329	0.02	54.22	2.00	0.2000	UnderPanels	Barlow_BV330
Barlow_BV329_Pann	0.02	54.22	100.00	70.0000	Raingage1	Barlow_BV330

Barlow_BV33_1	0.01	19.14	2.00	0.2000	Raingage1	Barlow_BV32_1
Barlow_BV33_2	0.02	49.46	2.00	0.2000	Raingage1	Barlow_BV32_2
Barlow_BV330	0.03	61.51	2.00	0.2000	Raingage1	Barlow_BV331
Barlow_BV331	0.03	72.48	2.00	0.2000	UnderPanels	Barlow_BV332
Barlow_BV331_Pann	0.03	72.48	100.00	70.0000	Raingage1	Barlow_BV332
Barlow_BV332	0.04	80.00	2.00	0.2000	Raingage1	Barlow_BV333
Barlow_BV333	0.03	90.46	2.00	0.2000	UnderPanels	Barlow_BV334
Barlow_BV333_Pann	0.03	90.46	100.00	70.0000	Raingage1	Barlow_BV334
Barlow_BV334	0.04	96.13	2.00	0.2000	Raingage1	Barlow_BV335
Barlow_BV335	0.04	100.00	2.00	0.2000	UnderPanels	Barlow_BV336
Barlow_BV335_Pann	0.04	100.00	100.00	70.0000	Raingage1	Barlow_BV336
Barlow_BV336	0.06	121.08	2.00	0.2000	Raingage1	Barlow_BV337
Barlow_BV337	0.04	119.07	2.00	0.2000	UnderPanels	Barlow_BV338
Barlow_BV337_Pann	0.04	119.07	100.00	70.0000	Raingage1	Barlow_BV338
Barlow_BV338	0.06	132.04	2.00	0.2000	Raingage1	Barlow_BV339
Barlow_BV339	0.05	147.68	2.00	0.2000	UnderPanels	Barlow_BV340
Barlow_BV339_Pann	0.05	147.68	100.00	70.0000	Raingage1	Barlow_BV340
Barlow_BV34	0.15	125.00	2.00	0.2000	Raingage1	Barlow_J3
Barlow_BV340	0.07	150.54	2.00	0.2000	Raingage1	Barlow_BV341
Barlow_BV341	0.06	154.22	2.00	0.2000	UnderPanels	Barlow_BV342
Barlow_BV341_Pann	0.06	154.22	100.00	70.0000	Raingage1	Barlow_BV342
Barlow_BV342	0.08	174.84	2.00	0.2000	Raingage1	Barlow_BV343
Barlow_BV343	0.07	177.38	2.00	0.2000	UnderPanels	Barlow_BV344_1
Barlow_BV343_Pann	0.07	177.38	100.00	70.0000	Raingage1	Barlow_BV344_1
Barlow_BV344_1	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV345_1
Barlow_BV344_2	0.00	2.15	2.00	0.2000	Raingage1	Barlow_BV345_2
Barlow_BV345_1	0.07	184.20	2.00	0.2000	UnderPanels	Barlow_BV346_1
Barlow_BV345_1_Pann	0.07	184.20	100.00	70.0000	Raingage1	Barlow_BV346_1
Barlow_BV345_2	0.00	7.90	2.00	0.2000	UnderPanels	Barlow_BV346_2
Barlow_BV345_2_Pann	0.00	7.90	100.00	70.0000	Raingage1	Barlow_BV346_2
Barlow_BV346_1	0.09	186.24	2.00	0.2000	Raingage1	Barlow_BV347_1
Barlow_BV346_2	0.01	15.27	2.00	0.2000	Raingage1	Barlow_BV347_2
Barlow_BV347_1	0.07	191.83	2.00	0.2000	UnderPanels	Barlow_BV348_1
Barlow_BV347_1_Pann	0.07	191.83	100.00	70.0000	Raingage1	Barlow_BV348_1
Barlow_BV347_2	0.01	24.25	2.00	0.2000	UnderPanels	Barlow_BV348_2
Barlow_BV347_2_Pann	0.01	24.25	100.00	70.0000	Raingage1	Barlow_BV348_2
Barlow_BV348_1	0.09	184.95	2.00	0.2000	Raingage1	Barlow_BV349_1
Barlow_BV348_2	0.01	30.97	2.00	0.2000	Raingage1	Barlow_BV349_2
Barlow_BV349_1	0.07	194.82	2.00	0.2000	UnderPanels	Barlow_BV350_1
Barlow_BV349_1_Pann	0.07	194.82	100.00	70.0000	Raingage1	Barlow_BV350_1
Barlow_BV349_2	0.01	39.51	2.00	0.2000	UnderPanels	Barlow_BV350_2
Barlow_BV349_2_Pann	0.01	39.51	100.00	70.0000	Raingage1	Barlow_BV350_2
Barlow_BV35_1	0.00	11.72	2.00	0.2000	UnderPanels	Barlow_BV33_1
Barlow_BV35_1_Pann	0.00	11.72	100.00	70.0000	Raingage1	Barlow_BV33_1
Barlow_BV35_3	0.10	277.11	2.00	0.2000	UnderPanels	Barlow_BV13_18

Barlow_BV35_3_Pann	0.10	277.11	100.00	70.0000	Raingage1	Barlow_BV13_18
Barlow_BV35_4	0.03	74.11	2.00	0.2000	UnderPanels	Barlow_BV54
Barlow_BV35_4_Pann	0.03	74.11	100.00	70.0000	Raingage1	Barlow_BV54
Barlow_BV350_1	0.09	191.83	2.00	0.2000	Raingage1	Barlow_BV351_1
Barlow_BV350_2	0.02	47.53	2.00	0.2000	Raingage1	Barlow_BV351_2
Barlow_BV351_1	0.07	189.92	2.00	0.2000	UnderPanels	Barlow_BV376_2
Barlow_BV351_1_Pann	0.07	189.92	100.00	70.0000	Raingage1	Barlow_BV376_2
Barlow_BV351_2	0.02	54.77	2.00	0.2000	UnderPanels	Barlow_BV376_1
Barlow_BV351_2_Pann	0.02	54.77	100.00	70.0000	Raingage1	Barlow_BV376_1
Barlow_BV352	0.03	74.39	2.00	0.2000	UnderPanels	Barlow_BV353
Barlow_BV352_Pann	0.03	74.39	100.00	70.0000	Raingage1	Barlow_BV353
Barlow_BV353	0.04	82.37	2.00	0.2000	Raingage1	Barlow_BV354
Barlow_BV354	0.03	89.65	2.00	0.2000	UnderPanels	Barlow_BV355
Barlow_BV354_Pann	0.03	89.65	100.00	70.0000	Raingage1	Barlow_BV355
Barlow_BV355	0.04	91.83	2.00	0.2000	Raingage1	Barlow_BV356
Barlow_BV356	0.03	88.01	2.00	0.2000	UnderPanels	Barlow_BV357
Barlow_BV356_Pann	0.03	88.01	100.00	70.0000	Raingage1	Barlow_BV357
Barlow_BV357	0.04	81.94	2.00	0.2000	Raingage1	Barlow_BV358
Barlow_BV358	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV359
Barlow_BV358_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV359
Barlow_BV359	0.03	63.44	2.00	0.2000	Raingage1	Barlow_Pond2
Barlow_BV36_1	0.11	242.80	2.00	0.2000	Raingage1	Barlow_BV35_3
Barlow_BV36_2	0.04	77.63	2.00	0.2000	Raingage1	Barlow_BV35_4
Barlow_BV360	0.02	52.86	2.00	0.2000	UnderPanels	Barlow_BV361
Barlow_BV360_Pann	0.02	52.86	100.00	70.0000	Raingage1	Barlow_BV361
Barlow_BV361	0.02	46.67	2.00	0.2000	Raingage1	Barlow_BV362
Barlow_BV362	0.01	35.42	2.00	0.2000	UnderPanels	Barlow_Pond2
Barlow_BV362_Pann	0.01	35.42	100.00	70.0000	Raingage1	Barlow_J24
Barlow_BV363	0.07	160.65	2.00	0.2000	Raingage1	Barlow_BV295
Barlow_BV364	0.06	160.49	2.00	0.2000	UnderPanels	Barlow_BV363
Barlow_BV364_Pann	0.06	160.49	100.00	70.0000	Raingage1	Barlow_BV363
Barlow_BV365	0.27	210.00	2.00	0.2000	Raingage1	Barlow_J22
Barlow_BV366	0.12	220.00	2.00	0.2000	Raingage1	Barlow_J26
Barlow_BV367	0.07	134.19	2.00	0.2000	Raingage1	Barlow_BV10_8
Barlow_BV368_2	0.66	85.00	2.00	0.2000	Raingage1	Barlow_BV227
Barlow_BV369	0.08	181.29	2.00	0.2000	Raingage1	Barlow_J18
Barlow_BV37_1	0.09	241.69	2.00	0.2000	UnderPanels	Barlow_BV36_1
Barlow_BV37_1_Pann	0.09	241.69	100.00	70.0000	Raingage1	Barlow_BV36_1
Barlow_BV37_2	0.03	78.47	2.00	0.2000	UnderPanels	Barlow_BV36_2
Barlow_BV37_2_Pann	0.03	78.47	100.00	70.0000	Raingage1	Barlow_BV36_2
Barlow_BV370	0.07	157.63	2.00	0.2000	Raingage1	Barlow_J20
Barlow_BV371_1	0.07	160.22	2.00	0.2000	Raingage1	Barlow_BV291_1
Barlow_BV371_2	0.06	165.59	2.00	0.2000	Raingage1	Barlow_BV364
Barlow_BV372	0.06	139.57	2.00	0.2000	Raingage1	Barlow_J20
Barlow_BV373_1	0.24	115.00	2.00	0.2000	Raingage1	Barlow_J19

Barlow_BV374_2	0.37	65.00	2.00	0.2000	Raingage1	Barlow_BV178
Barlow_BV375	0.05	4.00	2.00	0.2000	Raingage1	Barlow_J50
Barlow_BV376_1	0.03	63.01	2.00	0.2000	Raingage1	Barlow_BV352
Barlow_BV376_2	0.10	166.67	2.00	0.2000	Raingage1	Barlow_J13
Barlow_BV377_1	0.37	65.00	2.00	0.2000	Raingage1	Barlow_BV350_2
Barlow_BV377_3	0.64	125.00	2.00	0.2000	Raingage1	Barlow_BV334
Barlow_BV377_4	0.16	420.00	2.00	0.2000	Raingage1	Barlow_BV377_3
Barlow_BV377_5	0.12	200.00	2.00	0.2000	Raingage1	Barlow_BV377_1
Barlow_BV378_1	0.06	50.00	2.00	0.2000	Raingage1	Barlow_J32
Barlow_BV378_2	0.02	50.00	2.00	0.2000	Raingage1	Barlow_J32
Barlow_BV379_1	0.04	76.77	2.00	0.2000	Raingage1	Barlow_BV13_1
Barlow_BV379_2	0.01	21.07	2.00	0.2000	Raingage1	Barlow_BV380_2
Barlow_BV38_1	0.11	234.19	2.00	0.2000	Raingage1	Barlow_BV37_1
Barlow_BV38_2	0.04	76.34	2.00	0.2000	Raingage1	Barlow_BV37_2
Barlow_BV380_1	0.03	69.75	2.00	0.2000	UnderPanels	Barlow_BV175_78
Barlow_BV380_1_Pann	0.03	69.75	100.00	70.0000	Raingage1	Barlow_BV175_78
Barlow_BV380_2	0.01	19.89	2.00	0.2000	UnderPanels	Barlow_J3
Barlow_BV380_2_Pann	0.01	19.89	100.00	70.0000	Raingage1	Barlow_J3
Barlow_BV39_1	0.08	229.70	2.00	0.2000	UnderPanels	Barlow_BV38_1
Barlow_BV39_1_Pann	0.08	229.70	100.00	70.0000	Raingage1	Barlow_BV38_1
Barlow_BV39_2	0.03	72.75	2.00	0.2000	UnderPanels	Barlow_BV38_2
Barlow_BV39_2_Pann	0.03	72.75	100.00	70.0000	Raingage1	Barlow_BV38_2
Barlow_BV4	0.04	106.81	2.00	0.2000	UnderPanels	Barlow_BV175_63
Barlow_BV4_Pann	0.04	106.81	100.00	70.0000	Raingage1	Barlow_BV175_63
Barlow_BV40_1	0.10	220.86	2.00	0.2000	Raingage1	Barlow_BV39_1
Barlow_BV40_2	0.03	68.17	2.00	0.2000	Raingage1	Barlow_BV39_2
Barlow_BV41_1	0.08	218.26	2.00	0.2000	UnderPanels	Barlow_BV40_1
Barlow_BV41_1_Pann	0.08	218.26	100.00	70.0000	Raingage1	Barlow_BV40_1
Barlow_BV41_2	0.02	66.21	2.00	0.2000	UnderPanels	Barlow_BV40_2
Barlow_BV41_2_Pann	0.02	66.21	100.00	70.0000	Raingage1	Barlow_BV40_2
Barlow_BV42_1	0.10	209.03	2.00	0.2000	Raingage1	Barlow_BV41_1
Barlow_BV42_2	0.03	63.44	2.00	0.2000	Raingage1	Barlow_BV41_2
Barlow_BV43_1	0.07	204.36	2.00	0.2000	UnderPanels	Barlow_BV42_1
Barlow_BV43_1_Pann	0.07	204.36	100.00	70.0000	Raingage1	Barlow_BV42_1
Barlow_BV43_2	0.02	65.12	2.00	0.2000	UnderPanels	Barlow_BV42_2
Barlow_BV43_2_Pann	0.02	65.12	100.00	70.0000	Raingage1	Barlow_BV42_2
Barlow_BV44_1	0.09	195.70	2.00	0.2000	Raingage1	Barlow_BV43_1
Barlow_BV44_2	0.03	68.82	2.00	0.2000	Raingage1	Barlow_BV43_2
Barlow_BV45_1	0.07	188.56	2.00	0.2000	UnderPanels	Barlow_BV44_1
Barlow_BV45_1_Pann	0.07	188.56	100.00	70.0000	Raingage1	Barlow_BV44_1
Barlow_BV45_2	0.03	77.38	2.00	0.2000	UnderPanels	Barlow_BV44_2
Barlow_BV45_2_Pann	0.03	77.38	100.00	70.0000	Raingage1	Barlow_BV44_2
Barlow_BV46_1	0.08	180.22	2.00	0.2000	Raingage1	Barlow_BV45_1
Barlow_BV46_2	0.03	67.31	2.00	0.2000	Raingage1	Barlow_BV45_2
Barlow_BV47_1	0.06	171.66	2.00	0.2000	UnderPanels	Barlow_BV46_1

Barlow_BV47_1_Pann	0.06	171.66	100.00	70.0000	Raingage1	Barlow_BV46_1
Barlow_BV47_2	0.02	59.13	2.00	0.2000	UnderPanels	Barlow_BV46_2
Barlow_BV47_2_Pann	0.02	59.13	100.00	70.0000	Raingage1	Barlow_BV46_2
Barlow_BV48_1	0.08	162.37	2.00	0.2000	Raingage1	Barlow_BV47_1
Barlow_BV48_2	0.02	39.78	2.00	0.2000	Raingage1	Barlow_BV47_2
Barlow_BV49_1	0.06	157.49	2.00	0.2000	UnderPanels	Barlow_BV48_1
Barlow_BV49_1_Pann	0.06	157.49	100.00	70.0000	Raingage1	Barlow_BV48_1
Barlow_BV49_2	0.01	23.43	2.00	0.2000	UnderPanels	Barlow_BV48_2
Barlow_BV49_2_Pann	0.01	23.43	100.00	70.0000	Raingage1	Barlow_BV48_2
Barlow_BV5	0.03	25.00	2.00	0.2000	Raingage1	Barlow_BV49_2
Barlow_BV5_1	0.05	137.88	2.00	0.2000	UnderPanels	Barlow_BV175_67
Barlow_BV5_1_Pann	0.05	137.88	100.00	70.0000	Raingage1	Barlow_BV175_67
Barlow_BV5_2	0.05	143.60	2.00	0.2000	UnderPanels	Barlow_BV175_2
Barlow_BV5_2_Pann	0.05	143.60	100.00	70.0000	Raingage1	Barlow_BV175_2
Barlow_BV5_3	0.06	170.03	2.00	0.2000	UnderPanels	Barlow_BV7_3
Barlow_BV5_3_Pann	0.06	170.03	100.00	70.0000	Raingage1	Barlow_BV7_3
Barlow_BV5_4	0.01	36.51	2.00	0.2000	UnderPanels	Barlow_BV7_4
Barlow_BV5_4_Pann	0.01	36.51	100.00	70.0000	Raingage1	Barlow_BV7_4
Barlow_BV50_1	0.07	144.52	2.00	0.2000	Raingage1	Barlow_BV49_1
Barlow_BV51_1	0.05	140.05	2.00	0.2000	UnderPanels	Barlow_BV50_1
Barlow_BV51_1_Pann	0.05	140.05	100.00	70.0000	Raingage1	Barlow_BV50_1
Barlow_BV51_2	0.00	4.63	2.00	0.2000	UnderPanels	Barlow_BV5
Barlow_BV51_2_Pann	0.00	4.63	100.00	70.0000	Raingage1	Barlow_BV5
Barlow_BV52	0.05	113.12	2.00	0.2000	Raingage1	Barlow_BV51_1
Barlow_BV53	0.03	91.55	2.00	0.2000	UnderPanels	Barlow_BV52
Barlow_BV53_Pann	0.03	91.55	100.00	70.0000	Raingage1	Barlow_BV52
Barlow_BV54	0.03	69.46	2.00	0.2000	Raingage1	Barlow_BV55
Barlow_BV55	0.03	70.57	2.00	0.2000	UnderPanels	Barlow_BV56
Barlow_BV55_Pann	0.03	70.57	100.00	70.0000	Raingage1	Barlow_BV56
Barlow_BV56	0.04	82.15	2.00	0.2000	Raingage1	Barlow_BV57
Barlow_BV57	0.03	86.10	2.00	0.2000	UnderPanels	Barlow_BV58
Barlow_BV57_Pann	0.03	86.10	100.00	70.0000	Raingage1	Barlow_BV58
Barlow_BV58	0.04	88.60	2.00	0.2000	Raingage1	Barlow_BV59
Barlow_BV59	0.03	88.28	2.00	0.2000	UnderPanels	Barlow_BV60
Barlow_BV59_Pann	0.03	88.28	100.00	70.0000	Raingage1	Barlow_BV60
Barlow_BV6	0.05	140.87	2.00	0.2000	UnderPanels	Barlow_BV175_68
Barlow_BV6_Pann	0.05	140.87	100.00	70.0000	Raingage1	Barlow_BV175_68
Barlow_BV60	0.04	90.32	2.00	0.2000	Raingage1	Barlow_BV61
Barlow_BV61	0.03	85.01	2.00	0.2000	UnderPanels	Barlow_BV62
Barlow_BV61_Pann	0.03	85.01	100.00	70.0000	Raingage1	Barlow_BV62
Barlow_BV62	0.04	88.82	2.00	0.2000	Raingage1	Barlow_BV63
Barlow_BV63	0.03	92.64	2.00	0.2000	UnderPanels	Barlow_BV64
Barlow_BV63_Pann	0.03	92.64	100.00	70.0000	Raingage1	Barlow_BV64
Barlow_BV64	0.04	94.19	2.00	0.2000	Raingage1	Barlow_BV65
Barlow_BV65	0.04	108.45	2.00	0.2000	UnderPanels	Barlow_BV66

Barlow_BV65_Pann	0.04	108.45	100.00	70.0000	Raingage1	Barlow_BV66
Barlow_BV66	0.05	107.31	2.00	0.2000	Raingage1	Barlow_BV67
Barlow_BV67	0.04	104.63	2.00	0.2000	UnderPanels	Barlow_BV68
Barlow_BV67_Pann	0.04	104.63	100.00	70.0000	Raingage1	Barlow_BV68
Barlow_BV68	0.05	104.52	2.00	0.2000	Raingage1	Barlow_BV69
Barlow_BV69	0.04	113.35	2.00	0.2000	UnderPanels	Barlow_BV70
Barlow_BV69_Pann	0.04	113.35	100.00	70.0000	Raingage1	Barlow_BV70
Barlow_BV7	0.11	12.00	2.00	0.2000	Raingage1	Barlow_BV52
Barlow_BV7_1	0.05	123.71	2.00	0.2000	UnderPanels	Barlow_BV175_34
Barlow_BV7_1_Pann	0.05	123.71	100.00	70.0000	Raingage1	Barlow_BV175_34
Barlow_BV7_2	0.05	142.23	2.00	0.2000	UnderPanels	Barlow_BV175_36
Barlow_BV7_2_Pann	0.05	142.23	100.00	70.0000	Raingage1	Barlow_BV175_36
Barlow_BV7_3	0.08	169.25	2.00	0.2000	Raingage1	Barlow_BV10_3
Barlow_BV7_4	0.02	35.91	2.00	0.2000	Raingage1	Barlow_BV10_4
Barlow_BV70	0.05	103.44	2.00	0.2000	Raingage1	Barlow_BV71
Barlow_BV71	0.04	108.45	2.00	0.2000	UnderPanels	Barlow_BV72
Barlow_BV71_Pann	0.04	108.45	100.00	70.0000	Raingage1	Barlow_BV72
Barlow_BV72	0.05	110.97	2.00	0.2000	Raingage1	Barlow_BV73
Barlow_BV73	0.05	126.43	2.00	0.2000	UnderPanels	Barlow_BV74
Barlow_BV73_Pann	0.05	126.43	100.00	70.0000	Raingage1	Barlow_BV74
Barlow_BV74	0.06	126.67	2.00	0.2000	Raingage1	Barlow_BV75
Barlow_BV75	0.04	120.71	2.00	0.2000	UnderPanels	Barlow_BV76
Barlow_BV75_Pann	0.04	120.71	100.00	70.0000	Raingage1	Barlow_BV76
Barlow_BV76	0.06	124.73	2.00	0.2000	Raingage1	Barlow_BV77
Barlow_BV77	0.04	120.98	2.00	0.2000	UnderPanels	Barlow_BV78
Barlow_BV77_Pann	0.04	120.98	100.00	70.0000	Raingage1	Barlow_BV78
Barlow_BV78	0.06	135.70	2.00	0.2000	Raingage1	Barlow_BV79
Barlow_BV79	0.05	141.14	2.00	0.2000	UnderPanels	Barlow_BV80
Barlow_BV79_Pann	0.05	141.14	100.00	70.0000	Raingage1	Barlow_BV80
Barlow_BV8	0.04	122.62	2.00	0.2000	UnderPanels	Barlow_BV175_70
Barlow_BV8_Pann	0.04	122.62	100.00	70.0000	Raingage1	Barlow_BV175_70
Barlow_BV80	0.06	135.27	2.00	0.2000	Raingage1	Barlow_BV81
Barlow_BV81	0.06	150.41	2.00	0.2000	UnderPanels	Barlow_BV82
Barlow_BV81_Pann	0.06	150.41	100.00	70.0000	Raingage1	Barlow_BV82
Barlow_BV82	0.06	130.97	2.00	0.2000	Raingage1	Barlow_BV83
Barlow_BV83	0.04	118.26	2.00	0.2000	UnderPanels	Barlow_BV84
Barlow_BV83_Pann	0.04	118.26	100.00	70.0000	Raingage1	Barlow_BV84
Barlow_BV84	0.06	133.76	2.00	0.2000	Raingage1	Barlow_BV85
Barlow_BV85	0.06	150.68	2.00	0.2000	UnderPanels	Barlow_BV86
Barlow_BV85_Pann	0.06	150.68	100.00	70.0000	Raingage1	Barlow_BV86
Barlow_BV86	0.07	146.24	2.00	0.2000	Raingage1	Barlow_BV87
Barlow_BV87	0.06	162.40	2.00	0.2000	UnderPanels	Barlow_BV88
Barlow_BV87_Pann	0.06	162.40	100.00	70.0000	Raingage1	Barlow_BV88
Barlow_BV88	0.07	157.63	2.00	0.2000	Raingage1	Barlow_BV89
Barlow_BV89	0.06	172.75	2.00	0.2000	UnderPanels	Barlow_BV90

Barlow_BV89_Pann	0.06	172.75	100.00	70.0000	Raingage1	Barlow_BV90
Barlow_BV9	0.05	126.70	2.00	0.2000	UnderPanels	Barlow_BV175_69
Barlow_BV9_Pann	0.05	126.70	100.00	70.0000	Raingage1	Barlow_BV175_69
Barlow_BV90	0.07	144.52	2.00	0.2000	Raingage1	Barlow_BV91
Barlow_BV91	0.06	162.67	2.00	0.2000	UnderPanels	Barlow_BV92
Barlow_BV91_Pann	0.06	162.67	100.00	70.0000	Raingage1	Barlow_BV92
Barlow_BV92	0.07	157.42	2.00	0.2000	Raingage1	Barlow_BV93
Barlow_BV93	0.06	172.21	2.00	0.2000	UnderPanels	Barlow_BV94
Barlow_BV93_Pann	0.06	172.21	100.00	70.0000	Raingage1	Barlow_BV94
Barlow_BV94	0.08	163.87	2.00	0.2000	Raingage1	Barlow_BV95
Barlow_BV95	0.07	188.01	2.00	0.2000	UnderPanels	Barlow_BV96
Barlow_BV95_Pann	0.07	188.01	100.00	70.0000	Raingage1	Barlow_BV96
Barlow_BV96	0.08	172.26	2.00	0.2000	Raingage1	Barlow_BV97
Barlow_BV97	0.06	169.21	2.00	0.2000	UnderPanels	Barlow_BV98
Barlow_BV97_Pann	0.06	169.21	100.00	70.0000	Raingage1	Barlow_BV98
Barlow_BV98	0.08	178.07	2.00	0.2000	Raingage1	Barlow_BV99
Barlow_BV99	0.07	180.38	2.00	0.2000	UnderPanels	Barlow_BV100
Barlow_BV99_Pann	0.07	180.38	100.00	70.0000	Raingage1	Barlow_BV100

Node Summary

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
Barlow_EXU3	JUNCTION	60.45	2.55	1000.0	
Barlow_J1	JUNCTION	62.38	0.28	0.0	
Barlow_J11	JUNCTION	61.80	0.40	1000.0	
Barlow_J13	JUNCTION	61.85	0.50	1000.0	
Barlow_J14	JUNCTION	62.00	0.50	1000.0	
Barlow_J15	JUNCTION	61.59	1.91	1000.0	
Barlow_J17	JUNCTION	60.49	2.51	1000.0	
Barlow_J18	JUNCTION	61.88	0.50	1000.0	
Barlow_J19	JUNCTION	62.15	0.25	0.0	
Barlow_J2	JUNCTION	62.42	0.25	1000.0	
Barlow_J20	JUNCTION	62.25	0.25	1000.0	
Barlow_J21	JUNCTION	61.50	2.00	1000.0	
Barlow_J22	JUNCTION	62.34	0.25	1000.0	
Barlow_J23	JUNCTION	62.44	0.25	1000.0	
Barlow_J24	JUNCTION	61.70	0.63	1000.0	
Barlow_J25	JUNCTION	62.30	0.30	0.0	
Barlow_J26	JUNCTION	62.40	0.28	1000.0	
Barlow_J27	JUNCTION	61.85	1.15	1000.0	
Barlow_J28	JUNCTION	61.75	1.00	1000.0	

Barlow_J3	JUNCTION	62.49	0.25	1000.0
Barlow_J30	JUNCTION	61.86	0.50	0.0
Barlow_J31	JUNCTION	62.19	0.50	0.0
Barlow_J32	JUNCTION	61.97	0.25	0.0
Barlow_J50	JUNCTION	61.97	0.50	1000.0
Barlow_J6	JUNCTION	62.25	0.29	1000.0
Barlow_J7	JUNCTION	61.77	1.50	1000.0
Barlow_Pond1	JUNCTION	61.60	0.50	0.0
Barlow_Pond2	JUNCTION	61.55	0.45	0.0
Barlow_EXU1	OUTFALL	60.42	2.00	0.0

Link Summary

Name	From Node	To Node	Type	Length	%Slope	Roughness
Barlow_C1	Barlow_J1	Barlow_J22	CONDUIT	12.5	0.2881	0.0120
Barlow_C10	Barlow_J32	Barlow_Pond1	CONDUIT	138.5	0.2672	0.0350
Barlow_C11	Barlow_J19	Barlow_J14	CONDUIT	111.6	0.1353	0.0350
Barlow_C11_2	Barlow_J31	Barlow_J18	CONDUIT	220.7	0.1368	0.0350
Barlow_C13	Barlow_J20	Barlow_J14	CONDUIT	192.3	0.1306	0.0350
Barlow_C14	Barlow_J17	Barlow_EXU3	CONDUIT	15.5	0.2582	0.0260
Barlow_C14_1	Barlow_J50	Barlow_J13	CONDUIT	135.7	0.0914	0.0350
Barlow_C14_2	Barlow_J13	Barlow_J11	CONDUIT	52.9	0.0870	0.0350
Barlow_C15	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3311	0.0120
Barlow_C16	Barlow_J23	Barlow_J26	CONDUIT	198.3	0.0181	0.0350
Barlow_C16_1	Barlow_J26	Barlow_J1	CONDUIT	31.0	0.0743	0.0350
Barlow_C16_3	Barlow_J1	Barlow_J22_3	CONDUIT	12.2	0.2943	0.0120
Barlow_C18	Barlow_Pond1	Barlow_J15	CONDUIT	63.2	0.0158	0.0350
Barlow_C18_2	Barlow_J30	Barlow_Pond1	CONDUIT	88.3	0.2956	0.0350
Barlow_C18_4	Barlow_J18	Barlow_J30	CONDUIT	318.9	0.0072	0.0350
Barlow_C19	Barlow_J17	Barlow_EXU3	CONDUIT	17.2	0.9283	0.0260
Barlow_C19_1	Barlow_J7	Barlow_J15	CONDUIT	127.1	0.1385	0.0350
Barlow_C19_2	Barlow_J15	Barlow_J21	CONDUIT	10.0	0.9000	0.0130
Barlow_C2	Barlow_J3	Barlow_J2	CONDUIT	131.0	0.0549	0.0350
Barlow_C20	Barlow_J27	Barlow_J7	CONDUIT	212.2	0.0396	0.0350
Barlow_C20_1	Barlow_J11	Barlow_J24	CONDUIT	91.1	0.1098	0.0350
Barlow_C20_2	Barlow_J24	Barlow_Pond2	CONDUIT	115.7	0.1297	0.0350
Barlow_C21	Barlow_J22	Barlow_J6	CONDUIT	209.1	0.0435	0.0350
Barlow_C23	Barlow_J28	Barlow_J17	CONDUIT	121.7	0.4274	0.0350
Barlow_C24	Barlow_J2	Barlow_J31	CONDUIT	35.9	0.6464	0.0350
Barlow_C25	Barlow_Pond2	Barlow_J21	CONDUIT	87.9	0.0569	0.0350
Barlow_C26	Barlow_J25	Barlow_J30	CONDUIT	241.6	0.1817	0.0350
Barlow_C27	Barlow_J6	Barlow_J19	CONDUIT	38.9	0.2574	0.0350

Barlow_C28	Barlow_J14	Barlow_J50	CONDUIT	8.8	0.3282	0.0120
Barlow_C3	Barlow_J21	Barlow_J17	CONDUIT	102.5	0.2634	0.0350
Barlow_C5	Barlow_EXU3	Barlow_EXU1	CONDUIT	8.7	0.3460	0.0350
Barlow_S4	Barlow_J15	Barlow_J21	WEIR			

Cross Section Summary

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
Barlow_C1	CIRCULAR	0.25	0.05	0.06	0.25	1	34.58
Barlow_C10	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	153.84
Barlow_C11	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	109.47
Barlow_C11_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	110.10
Barlow_C13	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	107.54
Barlow_C14	FILLED_CIRCULAR	0.66	0.71	0.21	1.40	1	491.72
Barlow_C14_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	129.06
Barlow_C14_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	125.88
Barlow_C15	CIRCULAR	0.25	0.05	0.06	0.25	1	37.07
Barlow_C16	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	40.10
Barlow_C16_1	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	81.11
Barlow_C16_3	CIRCULAR	0.25	0.05	0.06	0.25	1	34.95
Barlow_C18	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	37.43
Barlow_C18_2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	161.81
Barlow_C18_4	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	25.28
Barlow_C19	FILLED_CIRCULAR	0.78	0.88	0.24	1.40	1	1250.65
Barlow_C19_1	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	5398.72
Barlow_C19_2	CIRCULAR	0.90	0.64	0.23	0.90	1	1717.55
Barlow_C2	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	69.76
Barlow_C20	TRAPEZOIDAL	1.15	3.79	0.62	5.60	1	1564.94
Barlow_C20_1	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	141.46
Barlow_C20_2	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	153.70
Barlow_C21	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	62.09
Barlow_C23	TRAPEZOIDAL	1.00	3.00	0.55	5.00	1	3753.95
Barlow_C24	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	239.28
Barlow_C25	TRAPEZOIDAL	0.25	0.50	0.16	3.00	1	101.80
Barlow_C26	TRIANGULAR	0.25	0.63	0.12	5.00	1	189.67
Barlow_C27	TRAPEZOIDAL	0.25	0.37	0.15	2.50	1	151.00
Barlow_C28	CIRCULAR	0.25	0.05	0.06	0.25	1	36.91
Barlow_C3	TRAPEZOIDAL	1.50	6.00	0.78	7.00	1	7445.09
Barlow_C5	TRAPEZOIDAL	2.00	12.00	1.10	10.00	1	21445.18

 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
 RDII NO
 Snowmelt NO
 Groundwater NO
 Flow Routing YES
 Ponding Allowed YES
 Water Quality NO
 Infiltration Method CURVE_NUMBER
 Flow Routing Method DYNWAVE
 Starting Date 02/06/2018 00:00:00
 Ending Date 02/08/2018 00:00:00
 Antecedent Dry Days 0.0
 Report Time Step 00:01:00
 Wet Time Step 00:05:00
 Dry Time Step 00:05:00
 Routing Time Step 1.00 sec
 Variable Time Step YES
 Maximum Trials 8
 Number of Threads 2
 Head Tolerance 0.001500 m

*****	Volume	Depth
Runoff Quantity Continuity	hectare-m	mm
*****	-----	-----
Total Precipitation	2.068	40.969
Evaporation Loss	0.000	0.000
Infiltration Loss	1.430	28.333
Surface Runoff	0.549	10.882
Final Storage	0.117	2.320
Continuity Error (%)	-1.382	

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*****
Flow Routing Continuity          Volume      Volume
                                hectare-m   10^6 ltr
*****                          -----
Dry Weather Inflow .....        0.000      0.000
Wet Weather Inflow .....        0.549      5.493
Groundwater Inflow .....        0.000      0.000
RDII Inflow .....                0.000      0.000
External Inflow .....            0.000      0.000
External Outflow .....           0.522      5.220
Flooding Loss .....              0.014      0.142
Evaporation Loss .....           0.000      0.000
Exfiltration Loss .....          0.000      0.000
Initial Stored Volume ....        0.000      0.000
Final Stored Volume .....         0.000      0.002
Continuity Error (%) .....       2.347

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*****
Highest Continuity Errors
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Node Barlow_J18 (18.47%)
Node Barlow_J31 (-1.09%)
Node Barlow_J7 (1.05%)

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*****
Time-Step Critical Elements
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None

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*****
Highest Flow Instability Indexes
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All links are stable.

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*****
Routing Time Step Summary
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Minimum Time Step      :      0.50 sec
Average Time Step      :      1.00 sec
Maximum Time Step      :      1.00 sec
Percent in Steady State :      0.00
Average Iterations per Step :      2.01

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Percent Not Converging : 0.05

 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
Barlow_BV1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.61	0.993
Barlow_BV10	51.30	0.00	0.00	48.08	1.96	0.04	5.70	0.038
Barlow_BV10_1	0.00	668.16	0.00	0.00	662.41	0.26	33.07	0.991
Barlow_BV10_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.14	0.993
Barlow_BV10_2	0.00	627.65	0.00	0.00	622.00	0.25	32.08	0.991
Barlow_BV10_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.00	0.993
Barlow_BV10_3	0.00	643.29	0.00	0.00	637.68	0.37	42.41	0.991
Barlow_BV10_3_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.84	0.993
Barlow_BV10_4	0.00	288.95	0.00	0.00	283.38	0.04	8.79	0.981
Barlow_BV10_4_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.47	0.993
Barlow_BV10_5	51.30	9.71	0.00	42.11	18.03	0.02	8.22	0.296
Barlow_BV10_6	51.30	9.13	0.00	42.11	17.48	0.02	6.14	0.289
Barlow_BV10_7	51.30	45.64	0.00	47.69	48.05	0.13	22.36	0.496
Barlow_BV10_8	51.30	406.81	0.00	50.20	407.57	0.37	34.19	0.890
Barlow_BV10_9	51.30	0.00	0.00	42.11	8.12	0.01	2.33	0.158
Barlow_BV100	51.30	694.68	0.00	55.97	689.29	0.58	38.98	0.924
Barlow_BV101	0.00	763.76	0.00	0.00	757.72	0.58	38.95	0.992
Barlow_BV101_Pann	51.30	0.00	0.00	0.00	50.94	0.04	26.90	0.993
Barlow_BV102	51.30	696.67	0.00	56.36	690.91	0.61	40.99	0.924
Barlow_BV103	0.00	800.91	0.00	0.00	795.10	0.60	40.97	0.993
Barlow_BV103_Pann	51.30	0.00	0.00	0.00	50.94	0.04	26.94	0.993
Barlow_BV104	51.30	742.48	0.00	56.74	736.30	0.64	42.87	0.928
Barlow_BV105	0.00	873.47	0.00	0.00	867.69	0.63	42.86	0.993
Barlow_BV105_Pann	51.30	0.00	0.00	0.00	50.94	0.04	25.87	0.993
Barlow_BV106	51.30	754.33	0.00	57.13	747.76	0.66	44.61	0.928
Barlow_BV107	0.00	898.32	0.00	0.00	892.53	0.66	44.59	0.994
Barlow_BV107_Pann	51.30	0.00	0.00	0.00	50.94	0.04	26.23	0.993
Barlow_BV108	51.30	750.71	0.00	57.51	743.79	0.69	45.77	0.927
Barlow_BV109	0.00	968.81	0.00	0.00	963.15	0.69	45.71	0.994
Barlow_BV109_Pann	51.30	0.00	0.00	0.00	50.94	0.04	25.31	0.993
Barlow_BV11	51.30	0.00	0.00	43.46	6.62	0.04	6.41	0.129
Barlow_BV11_1	51.30	567.89	0.00	50.00	568.49	0.41	42.57	0.918

Barlow_BV11_2	51.30	270.02	0.00	45.19	275.44	0.04	9.25	0.857
Barlow_BV11_3	51.30	0.00	0.00	1.16	48.78	0.01	9.54	0.951
Barlow_BV110	51.30	820.00	0.00	57.90	812.67	0.72	46.13	0.933
Barlow_BV111	0.00	1053.73	0.00	0.00	1048.08	0.71	46.11	0.995
Barlow_BV111_Pann	51.30	0.00	0.00	0.00	50.94	0.03	24.14	0.993
Barlow_BV112	51.30	920.58	0.00	58.47	912.80	0.74	47.68	0.939
Barlow_BV113	0.00	1290.62	0.00	0.00	1285.05	0.74	47.66	0.996
Barlow_BV113_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.38	0.993
Barlow_BV114	51.30	1046.59	0.00	58.86	1038.34	0.76	48.31	0.946
Barlow_BV115	0.00	1454.47	0.00	0.00	1448.95	0.76	48.24	0.996
Barlow_BV115_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.57	0.993
Barlow_BV116	51.30	1140.70	0.00	59.44	1131.98	0.78	48.02	0.950
Barlow_BV117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV117_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.54	0.993
Barlow_BV118	51.30	41.11	0.00	41.53	50.38	0.03	22.78	0.545
Barlow_BV119	0.00	68.59	0.00	0.00	63.08	0.03	20.51	0.920
Barlow_BV119_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.87	0.993
Barlow_BV12	51.30	0.00	0.00	1.16	48.84	0.02	16.64	0.952
Barlow_BV12_1	51.30	0.00	0.00	1.16	48.78	0.02	14.09	0.951
Barlow_BV12_10	51.30	0.00	0.00	1.16	48.78	0.00	0.80	0.951
Barlow_BV12_11	51.30	0.00	0.00	1.16	48.78	0.01	8.98	0.951
Barlow_BV12_12	51.30	0.00	0.00	1.16	48.78	0.01	9.23	0.951
Barlow_BV12_18	51.30	0.00	0.00	8.11	42.28	0.04	24.38	0.824
Barlow_BV12_2	51.30	0.00	0.00	1.16	48.78	0.02	14.16	0.951
Barlow_BV12_3	51.30	0.00	0.00	1.16	48.78	0.02	16.74	0.951
Barlow_BV12_4	51.30	0.00	0.00	1.16	48.78	0.03	20.69	0.951
Barlow_BV12_5	51.30	0.00	0.00	1.16	48.78	0.02	16.60	0.951
Barlow_BV12_6	51.30	0.00	0.00	1.16	48.80	0.02	15.66	0.951
Barlow_BV12_8	51.30	0.00	0.00	1.16	48.78	0.00	0.77	0.951
Barlow_BV12_9	51.30	0.00	0.00	1.16	48.78	0.03	18.81	0.951
Barlow_BV120	51.30	99.04	0.00	42.69	106.92	0.06	24.15	0.711
Barlow_BV121	0.00	143.97	0.00	0.00	138.36	0.06	23.65	0.961
Barlow_BV121_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.43	0.993
Barlow_BV122	51.30	159.18	0.00	43.65	166.22	0.08	25.64	0.790
Barlow_BV123	0.00	242.32	0.00	0.00	236.82	0.08	25.34	0.977
Barlow_BV123_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.77	0.993
Barlow_BV124	51.30	242.48	0.00	44.42	248.73	0.10	26.60	0.847
Barlow_BV125	0.00	365.67	0.00	0.00	360.18	0.10	26.41	0.985
Barlow_BV125_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.50	0.993
Barlow_BV126	51.30	310.37	0.00	45.19	315.95	0.11	27.27	0.874
Barlow_BV127	0.00	433.07	0.00	0.00	427.54	0.11	27.11	0.987
Barlow_BV127_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.18	0.993
Barlow_BV128	51.30	381.31	0.00	45.77	386.18	0.13	27.83	0.893
Barlow_BV129	0.00	630.69	0.00	0.00	625.40	0.12	27.71	0.992
Barlow_BV129_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.05	0.993

Barlow_BV13_1	51.30	82.56	0.00	44.03	88.91	0.16	35.82	0.664
Barlow_BV13_18	51.30	619.53	0.00	47.88	622.43	0.37	45.33	0.928
Barlow_BV13_2	51.30	0.00	0.00	41.15	9.07	0.02	4.94	0.177
Barlow_BV130	51.30	567.89	0.00	46.54	572.00	0.14	28.19	0.924
Barlow_BV131	0.00	1019.28	0.00	0.00	1013.79	0.13	28.12	0.995
Barlow_BV131_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.71	0.993
Barlow_BV132_1	0.00	66.31	0.00	0.00	59.12	0.02	6.55	0.892
Barlow_BV132_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.22	0.993
Barlow_BV132_2	0.00	64.36	0.00	0.00	57.07	0.02	4.92	0.887
Barlow_BV132_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.38	0.993
Barlow_BV133_1	51.30	93.29	0.00	43.26	100.78	0.04	16.10	0.697
Barlow_BV133_2	51.30	80.32	0.00	43.07	87.93	0.03	12.94	0.668
Barlow_BV134_1	0.00	124.56	0.00	0.00	118.90	0.04	14.45	0.954
Barlow_BV134_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.62	0.993
Barlow_BV134_2	0.00	110.69	0.00	0.00	104.89	0.03	11.29	0.948
Barlow_BV134_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.09	0.993
Barlow_BV135_1	51.30	175.25	0.00	44.03	181.78	0.06	17.10	0.802
Barlow_BV135_2	51.30	123.48	0.00	43.84	130.28	0.05	13.68	0.745
Barlow_BV136_1	0.00	211.87	0.00	0.00	205.82	0.06	16.73	0.971
Barlow_BV136_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	10.49	0.993
Barlow_BV136_2	0.00	138.71	0.00	0.00	132.57	0.05	13.21	0.956
Barlow_BV136_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.15	0.993
Barlow_BV137_1	51.30	222.87	0.00	44.80	228.71	0.08	18.17	0.834
Barlow_BV137_2	51.30	142.73	0.00	44.42	148.98	0.07	16.26	0.768
Barlow_BV138_1	0.00	268.93	0.00	0.00	263.16	0.08	17.94	0.979
Barlow_BV138_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.28	0.993
Barlow_BV138_2	0.00	175.03	0.00	0.00	169.11	0.07	15.02	0.966
Barlow_BV138_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.39	0.993
Barlow_BV139_1	51.30	296.70	0.00	45.57	301.81	0.09	19.05	0.867
Barlow_BV139_2	51.30	189.68	0.00	45.00	195.30	0.09	17.48	0.810
Barlow_BV14_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV14_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.71	0.993
Barlow_BV14_2	0.00	370.42	0.00	0.00	364.87	0.04	9.21	0.985
Barlow_BV14_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.11	0.993
Barlow_BV14_3	51.30	20.13	0.00	49.62	20.67	0.89	70.96	0.289
Barlow_BV14_5	51.30	0.00	0.00	41.72	8.44	0.02	5.06	0.165
Barlow_BV14_6	51.30	0.00	0.00	41.34	8.90	0.04	8.63	0.173
Barlow_BV14_7	51.30	0.00	0.00	42.11	7.95	0.02	4.25	0.155
Barlow_BV140_1	0.00	366.23	0.00	0.00	360.40	0.09	18.90	0.984
Barlow_BV140_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.97	0.993
Barlow_BV140_2	0.00	228.25	0.00	0.00	222.44	0.09	16.71	0.975
Barlow_BV140_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.28	0.993
Barlow_BV141_1	51.30	332.49	0.00	46.15	336.99	0.11	19.76	0.878
Barlow_BV141_2	51.30	211.87	0.00	45.57	216.99	0.11	18.86	0.825
Barlow_BV142_1	0.00	446.94	0.00	0.00	441.36	0.10	19.65	0.988

Barlow_BV142_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.36	0.993
Barlow_BV142_2	0.00	261.19	0.00	0.00	255.32	0.11	18.64	0.978
Barlow_BV142_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.31	0.993
Barlow_BV143_1	51.30	425.57	0.00	46.73	429.42	0.12	20.34	0.900
Barlow_BV143_2	51.30	255.41	0.00	45.96	259.98	0.13	20.59	0.848
Barlow_BV144_1	0.00	537.76	0.00	0.00	532.08	0.12	20.25	0.989
Barlow_BV144_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.73	0.993
Barlow_BV144_2	0.00	308.17	0.00	0.00	302.36	0.13	20.49	0.981
Barlow_BV144_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.49	0.993
Barlow_BV145_1	51.30	468.99	0.00	47.31	472.23	0.13	20.84	0.908
Barlow_BV145_2	51.30	262.13	0.00	46.54	266.30	0.16	22.29	0.850
Barlow_BV146_1	0.00	670.03	0.00	0.00	664.55	0.13	20.77	0.992
Barlow_BV146_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.77	0.993
Barlow_BV146_2	0.00	369.93	0.00	0.00	364.34	0.15	22.25	0.985
Barlow_BV146_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.03	0.993
Barlow_BV147_1	51.30	567.04	0.00	48.08	569.67	0.14	21.23	0.921
Barlow_BV147_2	51.30	297.43	0.00	46.92	301.14	0.18	23.84	0.864
Barlow_BV148_1	0.00	817.20	0.00	0.00	811.75	0.14	21.17	0.993
Barlow_BV148_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.95	0.993
Barlow_BV148_2	0.00	411.72	0.00	0.00	406.04	0.18	23.82	0.986
Barlow_BV148_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.35	0.993
Barlow_BV149_1	51.30	611.53	0.00	48.65	613.64	0.15	21.56	0.926
Barlow_BV149_2	51.30	317.61	0.00	47.31	320.89	0.20	25.31	0.870
Barlow_BV15_1	51.30	42.15	0.00	41.53	51.43	0.03	22.89	0.550
Barlow_BV15_2	51.30	334.96	0.00	45.77	339.73	0.05	9.58	0.880
Barlow_BV15_3	51.30	48.95	0.00	46.73	52.45	0.17	32.18	0.523
Barlow_BV150_1	0.00	903.31	0.00	0.00	897.85	0.14	21.50	0.994
Barlow_BV150_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.71	0.993
Barlow_BV150_2	0.00	403.87	0.00	0.00	397.87	0.20	25.29	0.985
Barlow_BV150_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	17.54	0.993
Barlow_BV151_1	51.30	783.36	0.00	49.23	784.75	0.15	21.83	0.940
Barlow_BV151_2	51.30	363.60	0.00	47.88	366.33	0.22	26.75	0.883
Barlow_BV152_1	0.00	993.68	0.00	0.00	988.05	0.15	21.77	0.994
Barlow_BV152_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.46	0.993
Barlow_BV152_2	0.00	412.97	0.00	0.00	407.02	0.22	26.74	0.986
Barlow_BV152_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.21	0.993
Barlow_BV153_1	51.30	952.41	0.00	50.00	953.12	0.16	21.83	0.950
Barlow_BV153_2	51.30	398.41	0.00	48.46	400.64	0.25	28.18	0.891
Barlow_BV154_1	0.00	1222.32	0.00	0.00	1216.61	0.16	21.80	0.995
Barlow_BV154_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.64	0.993
Barlow_BV154_2	0.00	464.80	0.00	0.00	458.97	0.25	28.17	0.987
Barlow_BV154_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.03	0.993
Barlow_BV155_1	51.30	1099.66	0.00	50.58	1099.72	0.17	21.64	0.955
Barlow_BV155_2	51.30	419.97	0.00	48.85	421.72	0.27	29.53	0.895
Barlow_BV156_1	0.00	1419.29	0.00	0.00	1413.68	0.17	21.61	0.996

Barlow_BV156_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.15	0.993
Barlow_BV156_2	0.00	487.53	0.00	0.00	481.65	0.27	29.51	0.988
Barlow_BV156_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.99	0.993
Barlow_BV157_1	51.30	1328.38	0.00	51.35	1327.77	0.17	21.48	0.962
Barlow_BV157_2	51.30	445.00	0.00	49.23	446.31	0.30	30.78	0.899
Barlow_BV158_1	0.00	1841.74	0.00	0.00	1836.06	0.17	21.45	0.997
Barlow_BV158_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.30	0.993
Barlow_BV158_2	0.00	543.79	0.00	0.00	538.02	0.30	30.76	0.989
Barlow_BV158_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.64	0.993
Barlow_BV159_1	51.30	1847.27	0.00	52.12	1845.89	0.18	21.35	0.972
Barlow_BV159_2	51.30	479.83	0.00	49.81	480.68	0.33	31.73	0.905
Barlow_BV16_1	0.00	67.93	0.00	0.00	62.37	0.03	20.63	0.918
Barlow_BV16_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	17.12	0.993
Barlow_BV16_2	0.00	444.73	0.00	0.00	439.14	0.05	9.55	0.987
Barlow_BV16_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	3.90	0.993
Barlow_BV16_3	51.30	0.00	0.00	1.16	48.78	0.02	11.01	0.951
Barlow_BV16_4	51.30	0.00	0.00	1.16	48.78	0.02	11.19	0.951
Barlow_BV16_5	51.30	0.00	0.00	1.17	48.78	0.03	21.81	0.951
Barlow_BV16_7	51.30	0.00	0.00	1.16	48.78	0.03	21.39	0.951
Barlow_BV16_8	51.30	0.00	0.00	1.16	48.78	0.00	0.70	0.951
Barlow_BV16_9	51.30	0.00	0.00	1.16	48.78	0.00	0.70	0.951
Barlow_BV160_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV160_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.98	0.993
Barlow_BV160_2	0.00	604.18	0.00	0.00	598.47	0.32	31.73	0.991
Barlow_BV160_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.17	0.993
Barlow_BV161_1	51.30	46.76	0.00	41.53	56.05	0.00	2.38	0.572
Barlow_BV161_2	51.30	548.10	0.00	50.20	548.45	0.35	32.83	0.915
Barlow_BV162_1	0.00	81.40	0.00	0.00	75.66	0.00	2.20	0.929
Barlow_BV162_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.49	0.993
Barlow_BV162_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV162_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	17.08	0.993
Barlow_BV163_1	51.30	113.13	0.00	42.88	120.98	0.01	2.54	0.736
Barlow_BV163_2	51.30	42.04	0.00	41.53	51.31	0.03	20.91	0.550
Barlow_BV164_1	0.00	203.08	0.00	0.00	197.30	0.01	2.51	0.972
Barlow_BV164_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.99	0.993
Barlow_BV164_2	0.00	75.67	0.00	0.00	70.25	0.03	19.06	0.928
Barlow_BV164_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.04	0.993
Barlow_BV165_1	51.30	239.67	0.00	43.84	246.56	0.01	2.64	0.847
Barlow_BV165_2	51.30	89.03	0.00	42.69	97.03	0.05	22.28	0.691
Barlow_BV166_1	0.00	446.90	0.00	0.00	440.90	0.01	2.63	0.987
Barlow_BV166_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.57	0.993
Barlow_BV166_2	0.00	151.59	0.00	0.00	146.30	0.05	21.89	0.965
Barlow_BV166_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.23	0.993
Barlow_BV167_1	51.30	655.79	0.00	45.19	661.69	0.01	2.68	0.936
Barlow_BV167_2	51.30	145.71	0.00	43.46	152.88	0.07	23.60	0.776

Barlow_BV168	0.00	228.10	0.00	0.00	222.72	0.07	23.32	0.976
Barlow_BV168_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.09	0.993
Barlow_BV169	51.30	221.33	0.00	44.23	227.66	0.09	24.47	0.835
Barlow_BV17_1	51.30	96.86	0.00	42.69	104.76	0.06	24.36	0.707
Barlow_BV17_2	51.30	417.89	0.00	46.54	422.00	0.05	9.87	0.899
Barlow_BV17_3	51.30	0.00	0.00	1.16	48.78	0.03	18.49	0.951
Barlow_BV17_4	51.30	0.00	0.00	1.16	48.78	0.01	7.06	0.951
Barlow_BV17_5	51.30	0.00	0.00	1.16	48.78	0.02	17.41	0.951
Barlow_BV170	0.00	367.10	0.00	0.00	361.75	0.09	24.27	0.985
Barlow_BV170_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.51	0.993
Barlow_BV171	51.30	319.50	0.00	45.00	325.11	0.10	24.98	0.877
Barlow_BV172	0.00	556.81	0.00	0.00	551.62	0.10	24.84	0.991
Barlow_BV172_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.42	0.993
Barlow_BV173	51.30	521.83	0.00	45.96	526.59	0.11	25.27	0.919
Barlow_BV174	0.00	880.46	0.00	0.00	874.89	0.11	25.17	0.994
Barlow_BV174_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.43	0.993
Barlow_BV175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV175_10	51.30	0.00	0.00	43.84	6.35	0.02	3.24	0.124
Barlow_BV175_126	51.30	0.00	0.00	42.30	7.81	0.01	1.21	0.152
Barlow_BV175_14	51.30	0.00	0.00	44.23	5.98	0.01	1.52	0.117
Barlow_BV175_190	51.30	0.00	0.00	47.69	2.51	0.03	4.48	0.049
Barlow_BV175_2	51.30	150.94	0.00	45.19	156.41	0.10	22.98	0.773
Barlow_BV175_31	51.30	0.00	0.00	42.69	7.44	0.01	0.90	0.145
Barlow_BV175_34	51.30	355.49	0.00	47.31	358.78	0.20	29.77	0.882
Barlow_BV175_36	51.30	285.34	0.00	46.73	289.20	0.18	28.38	0.859
Barlow_BV175_62	51.30	545.81	0.00	49.04	547.43	0.27	33.10	0.917
Barlow_BV175_63	51.30	125.49	0.00	44.61	131.52	0.08	17.57	0.744
Barlow_BV175_64	51.30	129.05	0.00	44.03	135.73	0.05	12.10	0.753
Barlow_BV175_65	51.30	59.61	0.00	42.49	67.86	0.02	8.74	0.612
Barlow_BV175_66	51.30	32.62	0.00	41.34	41.94	0.01	5.88	0.500
Barlow_BV175_67	51.30	186.19	0.00	45.57	191.18	0.13	24.49	0.805
Barlow_BV175_68	51.30	232.70	0.00	46.15	237.13	0.16	26.58	0.835
Barlow_BV175_69	51.30	462.96	0.00	48.46	465.15	0.25	32.18	0.905
Barlow_BV175_70	51.30	385.78	0.00	47.88	388.56	0.23	31.03	0.889
Barlow_BV175_78	51.30	44.96	0.00	41.53	54.25	0.02	10.97	0.564
Barlow_BV175_79	51.30	119.19	0.00	42.88	127.02	0.03	11.65	0.745
Barlow_BV175_80	51.30	258.86	0.00	44.03	265.70	0.03	12.10	0.857
Barlow_BV175_82	51.30	0.00	0.00	45.77	4.44	0.03	5.11	0.086
Barlow_BV175_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.61	0.993
Barlow_BV176	51.30	32.46	0.00	41.34	41.78	0.01	5.88	0.499
Barlow_BV177	0.00	42.20	0.00	0.00	35.22	0.01	4.39	0.835
Barlow_BV177_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.16	0.993
Barlow_BV178	51.30	1167.70	0.00	51.74	1166.71	0.39	36.51	0.957
Barlow_BV179	0.00	1233.81	0.00	0.00	1226.92	0.38	36.50	0.994
Barlow_BV179_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.09	0.993

Barlow_BV18_1	51.30	0.00	0.00	43.65	6.50	0.03	5.39	0.127
Barlow_BV18_2	0.00	324.83	0.00	0.00	319.24	0.10	26.83	0.983
Barlow_BV18_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.06	0.993
Barlow_BV18_3	0.00	811.49	0.00	0.00	805.85	0.06	10.32	0.993
Barlow_BV18_3_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.80	0.993
Barlow_BV180_1	51.30	886.85	0.00	52.51	885.02	0.40	36.93	0.943
Barlow_BV181_1	0.00	1078.76	0.00	0.00	1072.74	0.40	36.91	0.994
Barlow_BV181_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.11	0.993
Barlow_BV181_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV181_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.82	0.993
Barlow_BV182_1	51.30	867.98	0.00	53.08	865.56	0.41	37.21	0.942
Barlow_BV182_2	51.30	18.90	0.00	41.34	28.28	0.00	1.09	0.403
Barlow_BV183_1	0.00	1065.82	0.00	0.00	1060.06	0.41	37.17	0.995
Barlow_BV183_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.79	0.993
Barlow_BV183_2	0.00	23.70	0.00	0.00	16.05	0.00	0.39	0.677
Barlow_BV183_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.62	0.993
Barlow_BV184_1	51.30	931.42	0.00	53.66	928.42	0.43	36.87	0.945
Barlow_BV184_2	51.30	39.66	0.00	42.11	48.22	0.01	3.38	0.530
Barlow_BV185_1	0.00	1048.14	0.00	0.00	1042.29	0.43	36.86	0.994
Barlow_BV185_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.57	0.993
Barlow_BV185_2	0.00	45.67	0.00	0.00	38.35	0.01	2.25	0.840
Barlow_BV185_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.68	0.993
Barlow_BV186_1	51.30	882.74	0.00	54.05	879.28	0.45	36.52	0.941
Barlow_BV186_2	51.30	731.57	0.00	47.88	734.47	0.14	23.17	0.938
Barlow_BV187_1	0.00	1068.15	0.00	0.00	1062.40	0.45	36.51	0.995
Barlow_BV187_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.85	0.993
Barlow_BV187_2	0.00	779.35	0.00	0.00	772.93	0.14	23.14	0.992
Barlow_BV187_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.38	0.993
Barlow_BV188_1	51.30	914.68	0.00	54.62	910.75	0.46	36.16	0.943
Barlow_BV188_2	51.30	568.19	0.00	48.85	570.17	0.15	23.58	0.920
Barlow_BV189_1	0.00	1085.24	0.00	0.00	1079.47	0.46	36.15	0.995
Barlow_BV189_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.17	0.993
Barlow_BV189_2	0.00	658.47	0.00	0.00	652.26	0.15	23.54	0.991
Barlow_BV189_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.01	0.993
Barlow_BV19_1	0.00	140.93	0.00	0.00	135.34	0.06	23.85	0.960
Barlow_BV19_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.89	0.993
Barlow_BV19_3	0.00	538.99	0.00	0.00	533.35	0.05	9.85	0.990
Barlow_BV19_3_Pann	51.30	0.00	0.00	0.00	50.94	0.01	3.58	0.993
Barlow_BV190_1	51.30	900.96	0.00	55.01	896.61	0.48	35.77	0.942
Barlow_BV190_2	51.30	553.74	0.00	49.23	555.11	0.16	24.02	0.917
Barlow_BV191_1	0.00	1138.25	0.00	0.00	1132.57	0.48	35.76	0.995
Barlow_BV191_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.99	0.993
Barlow_BV191_2	0.00	734.18	0.00	0.00	728.63	0.16	23.97	0.992
Barlow_BV191_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.69	0.993
Barlow_BV192_1	51.30	869.14	0.00	55.39	864.44	0.50	35.39	0.939

Barlow_BV192_2	51.30	619.66	0.00	49.81	620.46	0.17	23.73	0.925
Barlow_BV193_1	0.00	1157.95	0.00	0.00	1152.26	0.50	35.38	0.995
Barlow_BV193_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.24	0.993
Barlow_BV193_2	0.00	859.83	0.00	0.00	854.36	0.17	23.69	0.994
Barlow_BV193_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.98	0.993
Barlow_BV194_1	51.30	888.96	0.00	55.78	883.87	0.51	34.99	0.940
Barlow_BV194_2	51.30	699.38	0.00	50.39	699.65	0.18	23.46	0.932
Barlow_BV195_1	0.00	1115.86	0.00	0.00	1110.03	0.51	34.98	0.995
Barlow_BV195_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.34	0.993
Barlow_BV195_2	0.00	929.22	0.00	0.00	923.64	0.18	23.41	0.994
Barlow_BV195_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.81	0.993
Barlow_BV196_1	51.30	913.32	0.00	56.16	907.76	0.53	34.58	0.941
Barlow_BV196_2	51.30	789.53	0.00	50.97	789.20	0.19	23.21	0.939
Barlow_BV197_1	0.00	1139.08	0.00	0.00	1133.35	0.53	34.56	0.995
Barlow_BV197_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.55	0.993
Barlow_BV197_2	0.00	1081.15	0.00	0.00	1075.66	0.19	23.21	0.995
Barlow_BV197_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.13	0.993
Barlow_BV198_1	51.30	889.17	0.00	56.55	883.25	0.55	34.15	0.939
Barlow_BV198_2	51.30	858.60	0.00	51.54	857.75	0.19	23.05	0.943
Barlow_BV199_1	0.00	1194.31	0.00	0.00	1188.68	0.55	34.14	0.995
Barlow_BV199_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.30	0.993
Barlow_BV199_2	0.00	1264.34	0.00	0.00	1258.97	0.19	23.04	0.996
Barlow_BV199_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.46	0.993
Barlow_BV2	0.00	43.66	0.00	0.00	36.80	0.01	4.48	0.843
Barlow_BV2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.91	0.993
Barlow_BV200_1	51.30	889.59	0.00	56.93	883.31	0.57	33.71	0.939
Barlow_BV200_2	51.30	998.64	0.00	52.12	997.22	0.20	22.89	0.950
Barlow_BV201_1	0.00	1179.58	0.00	0.00	1173.85	0.56	33.70	0.995
Barlow_BV201_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	17.01	0.993
Barlow_BV201_2	0.00	1299.60	0.00	0.00	1293.98	0.20	22.88	0.996
Barlow_BV201_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.49	0.993
Barlow_BV202_1	51.30	918.59	0.00	57.32	911.90	0.58	33.27	0.940
Barlow_BV202_2	51.30	1102.97	0.00	52.70	1100.95	0.21	22.73	0.954
Barlow_BV203_1	0.00	1053.45	0.00	0.00	1047.41	0.58	33.25	0.994
Barlow_BV203_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.64	0.993
Barlow_BV203_2	0.00	1415.50	0.00	0.00	1409.93	0.21	22.71	0.996
Barlow_BV203_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.21	0.993
Barlow_BV204_1	51.30	975.14	0.00	57.90	967.96	0.60	32.83	0.943
Barlow_BV204_2	51.30	1359.16	0.00	53.47	1356.47	0.21	22.58	0.962
Barlow_BV205_1	0.00	1114.41	0.00	0.00	1108.59	0.60	32.82	0.995
Barlow_BV205_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.21	0.993
Barlow_BV205_2	0.00	1587.58	0.00	0.00	1581.82	0.21	22.56	0.996
Barlow_BV205_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.78	0.993
Barlow_BV206_1	51.30	981.97	0.00	58.28	974.36	0.62	32.40	0.943
Barlow_BV206_2	51.30	1541.41	0.00	54.05	1538.09	0.22	22.44	0.966

Barlow_BV207_1	0.00	1140.02	0.00	0.00	1134.21	0.62	32.38	0.995
Barlow_BV207_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.39	0.993
Barlow_BV207_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV207_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.18	0.993
Barlow_BV208_1	51.30	950.55	0.00	58.67	942.58	0.64	32.17	0.941
Barlow_BV208_2	51.30	44.52	0.00	41.53	53.80	0.01	5.07	0.562
Barlow_BV209_1	0.00	1164.56	0.00	0.00	1158.81	0.64	32.13	0.995
Barlow_BV209_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.56	0.993
Barlow_BV209_2	0.00	71.92	0.00	0.00	66.32	0.01	4.62	0.922
Barlow_BV209_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	3.58	0.993
Barlow_BV21_1	51.30	157.74	0.00	43.65	164.79	0.08	25.92	0.788
Barlow_BV21_2	51.30	508.73	0.00	47.11	512.19	0.06	10.11	0.915
Barlow_BV210_1	51.30	901.19	0.00	58.86	892.95	0.66	32.68	0.937
Barlow_BV210_2	51.30	97.07	0.00	42.69	104.98	0.01	5.42	0.708
Barlow_BV211_1	0.00	1194.36	0.00	0.00	1188.69	0.66	32.65	0.995
Barlow_BV211_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.64	0.993
Barlow_BV211_2	0.00	145.53	0.00	0.00	140.02	0.01	5.32	0.962
Barlow_BV211_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.12	0.993
Barlow_BV212_1	51.30	971.37	0.00	59.24	962.70	0.68	33.65	0.941
Barlow_BV212_2	51.30	169.74	0.00	43.65	176.77	0.02	5.75	0.800
Barlow_BV213_1	0.00	1140.09	0.00	0.00	1134.22	0.68	33.65	0.995
Barlow_BV213_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.16	0.993
Barlow_BV213_2	0.00	221.52	0.00	0.00	215.83	0.02	5.68	0.974
Barlow_BV213_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.80	0.993
Barlow_BV214_1	51.30	982.69	0.00	59.63	973.62	0.70	34.87	0.942
Barlow_BV214_2	51.30	247.94	0.00	44.42	254.15	0.02	5.97	0.849
Barlow_BV215_1	0.00	1180.14	0.00	0.00	1174.39	0.70	34.84	0.995
Barlow_BV215_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.05	0.993
Barlow_BV215_2	0.00	360.05	0.00	0.00	354.25	0.02	5.92	0.984
Barlow_BV215_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.13	0.993
Barlow_BV216_1	51.30	987.58	0.00	60.01	978.12	0.72	35.46	0.942
Barlow_BV216_2	51.30	352.33	0.00	45.19	357.80	0.02	6.10	0.886
Barlow_BV217_1	0.00	1170.26	0.00	0.00	1164.45	0.72	35.41	0.995
Barlow_BV217_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.83	0.993
Barlow_BV217_2	0.00	503.84	0.00	0.00	498.29	0.02	6.07	0.989
Barlow_BV217_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.74	0.993
Barlow_BV218	51.30	890.23	0.00	60.40	880.52	0.74	36.85	0.935
Barlow_BV219	0.00	1155.25	0.00	0.00	1149.52	0.74	36.82	0.995
Barlow_BV219_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.72	0.993
Barlow_BV22_1	0.00	81.94	0.00	0.00	76.32	0.01	10.12	0.931
Barlow_BV22_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.81	0.993
Barlow_BV220	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV220_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.43	0.993
Barlow_BV221	51.30	30.61	0.00	41.34	39.95	0.01	5.70	0.488
Barlow_BV222	0.00	41.14	0.00	0.00	34.03	0.01	4.12	0.827

Barlow_BV222_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.16	0.993
Barlow_BV223	51.30	69.21	0.00	42.49	77.33	0.02	8.78	0.642
Barlow_BV224	0.00	100.94	0.00	0.00	95.33	0.02	7.88	0.944
Barlow_BV224_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.73	0.993
Barlow_BV225	51.30	93.57	0.00	43.07	101.08	0.03	9.44	0.698
Barlow_BV226	0.00	116.36	0.00	0.00	109.80	0.03	9.17	0.944
Barlow_BV226_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.14	0.993
Barlow_BV227	51.30	1157.59	0.00	51.54	1156.80	0.46	45.71	0.957
Barlow_BV228	0.00	1538.50	0.00	0.00	1532.61	0.46	45.69	0.996
Barlow_BV228_Pann	51.30	0.00	0.00	0.00	50.94	0.02	10.53	0.993
Barlow_BV229	51.30	994.32	0.00	52.31	992.63	0.47	45.34	0.949
Barlow_BV23_1	0.00	201.85	0.00	0.00	195.88	0.03	11.51	0.970
Barlow_BV23_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.57	0.993
Barlow_BV23_2	0.00	495.17	0.00	0.00	489.29	0.03	12.02	0.988
Barlow_BV23_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.34	0.993
Barlow_BV230	0.00	1232.32	0.00	0.00	1226.02	0.47	45.32	0.995
Barlow_BV230_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.50	0.993
Barlow_BV231	51.30	953.96	0.00	52.89	951.71	0.49	44.95	0.947
Barlow_BV232	0.00	1250.95	0.00	0.00	1245.31	0.48	44.92	0.995
Barlow_BV232_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.75	0.993
Barlow_BV233_1	51.30	948.95	0.00	53.47	946.18	0.50	44.53	0.946
Barlow_BV234_1	0.00	1229.11	0.00	0.00	1223.37	0.50	44.51	0.995
Barlow_BV234_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.46	0.993
Barlow_BV234_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV234_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.96	0.993
Barlow_BV235_1	51.30	945.31	0.00	53.85	942.07	0.52	44.10	0.945
Barlow_BV235_2	51.30	18.34	0.00	41.34	27.72	0.00	1.28	0.398
Barlow_BV236_1	0.00	1204.97	0.00	0.00	1199.21	0.52	44.07	0.995
Barlow_BV236_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.24	0.993
Barlow_BV236_2	0.00	23.62	0.00	0.00	15.96	0.00	0.46	0.676
Barlow_BV236_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.12	0.993
Barlow_BV237_1	51.30	958.22	0.00	54.43	954.51	0.54	43.65	0.946
Barlow_BV237_2	51.30	40.60	0.00	42.11	49.14	0.01	4.01	0.535
Barlow_BV238_1	0.00	1211.49	0.00	0.00	1205.77	0.53	43.62	0.995
Barlow_BV238_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.67	0.993
Barlow_BV238_2	0.00	50.89	0.00	0.00	43.82	0.01	2.93	0.861
Barlow_BV238_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.96	0.993
Barlow_BV239_1	51.30	977.93	0.00	54.82	973.75	0.55	43.20	0.946
Barlow_BV239_2	51.30	830.68	0.00	46.92	834.60	0.19	33.28	0.946
Barlow_BV24_1	0.00	219.13	0.00	0.00	213.54	0.08	25.61	0.975
Barlow_BV24_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.22	0.993
Barlow_BV24_2	0.00	612.52	0.00	0.00	606.79	0.06	10.09	0.991
Barlow_BV24_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.44	0.993
Barlow_BV240_1	0.00	1301.38	0.00	0.00	1295.79	0.55	43.17	0.996
Barlow_BV240_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.06	0.993

Barlow_BV240_2	0.00	953.82	0.00	0.00	947.38	0.19	33.23	0.993
Barlow_BV240_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.95	0.993
Barlow_BV241_1	51.30	1046.36	0.00	55.20	1041.69	0.57	42.81	0.949
Barlow_BV241_2	51.30	637.36	0.00	47.88	640.32	0.20	33.80	0.930
Barlow_BV242_1	0.00	1503.45	0.00	0.00	1497.98	0.57	42.80	0.996
Barlow_BV242_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.43	0.993
Barlow_BV242_2	0.00	770.90	0.00	0.00	764.63	0.19	33.80	0.992
Barlow_BV242_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.04	0.993
Barlow_BV243_1	51.30	1093.19	0.00	55.78	1088.10	0.58	42.44	0.951
Barlow_BV243_2	51.30	595.90	0.00	48.46	598.27	0.21	34.49	0.924
Barlow_BV244_1	0.00	1362.02	0.00	0.00	1356.07	0.58	42.43	0.996
Barlow_BV244_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.21	0.993
Barlow_BV244_2	0.00	740.41	0.00	0.00	734.61	0.21	34.48	0.992
Barlow_BV244_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.00	0.993
Barlow_BV245_1	51.30	1156.33	0.00	56.16	1150.70	0.60	42.07	0.953
Barlow_BV245_2	51.30	605.26	0.00	49.04	607.04	0.22	35.16	0.925
Barlow_BV246_1	0.00	1746.13	0.00	0.00	1740.68	0.60	42.06	0.997
Barlow_BV246_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.19	0.993
Barlow_BV246_2	0.00	841.57	0.00	0.00	836.13	0.22	35.14	0.994
Barlow_BV246_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.36	0.993
Barlow_BV247_1	51.30	1213.22	0.00	56.74	1207.19	0.61	41.71	0.955
Barlow_BV247_2	51.30	678.80	0.00	49.42	680.00	0.23	34.91	0.931
Barlow_BV248_1	0.00	1605.38	0.00	0.00	1599.51	0.61	41.69	0.996
Barlow_BV248_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.54	0.993
Barlow_BV248_2	0.00	885.29	0.00	0.00	879.69	0.23	34.90	0.994
Barlow_BV248_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.39	0.993
Barlow_BV249_1	51.30	1291.95	0.00	57.13	1285.39	0.63	41.35	0.957
Barlow_BV249_2	51.30	756.49	0.00	50.20	757.09	0.25	34.67	0.937
Barlow_BV25_1	51.30	229.42	0.00	44.42	235.69	0.10	27.04	0.840
Barlow_BV25_2	51.30	585.32	0.00	47.88	588.14	0.06	10.33	0.924
Barlow_BV250_1	0.00	1472.47	0.00	0.00	1466.52	0.62	41.33	0.996
Barlow_BV250_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.10	0.993
Barlow_BV250_2	0.00	914.11	0.00	0.00	908.42	0.25	34.66	0.994
Barlow_BV250_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.57	0.993
Barlow_BV251_1	51.30	1303.30	0.00	57.70	1296.24	0.64	40.98	0.957
Barlow_BV251_2	51.30	843.74	0.00	50.77	843.73	0.26	34.43	0.943
Barlow_BV252_1	0.00	1541.81	0.00	0.00	1536.06	0.64	40.96	0.996
Barlow_BV252_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.78	0.993
Barlow_BV252_2	0.00	1065.95	0.00	0.00	1060.33	0.26	34.41	0.995
Barlow_BV252_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.61	0.993
Barlow_BV253_1	51.30	1387.37	0.00	58.28	1379.81	0.66	40.64	0.959
Barlow_BV253_2	51.30	947.50	0.00	51.35	946.90	0.27	34.18	0.948
Barlow_BV254_1	0.00	1838.46	0.00	0.00	1832.81	0.66	40.64	0.997
Barlow_BV254_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.69	0.993
Barlow_BV254_2	0.00	1210.17	0.00	0.00	1204.58	0.27	34.15	0.995

Barlow_BV254_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.90	0.993
Barlow_BV255_1	51.30	1532.69	0.00	58.67	1524.61	0.67	40.34	0.963
Barlow_BV255_2	51.30	1040.82	0.00	51.93	1039.64	0.28	33.93	0.952
Barlow_BV256_1	0.00	1788.88	0.00	0.00	1783.06	0.67	40.33	0.997
Barlow_BV256_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.29	0.993
Barlow_BV256_2	0.00	1271.19	0.00	0.00	1265.55	0.28	33.90	0.996
Barlow_BV256_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.80	0.993
Barlow_BV257_1	51.30	1435.80	0.00	59.05	1427.32	0.68	40.01	0.960
Barlow_BV257_2	51.30	1060.90	0.00	52.31	1059.19	0.29	33.66	0.952
Barlow_BV258_1	0.00	1704.96	0.00	0.00	1699.11	0.68	40.00	0.997
Barlow_BV258_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.21	0.993
Barlow_BV258_2	0.00	1376.95	0.00	0.00	1371.40	0.29	33.62	0.996
Barlow_BV258_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.44	0.993
Barlow_BV259_1	51.30	1628.23	0.00	59.63	1619.21	0.70	39.70	0.964
Barlow_BV259_2	51.30	1239.38	0.00	53.08	1237.09	0.30	33.41	0.958
Barlow_BV26_1	51.30	408.66	0.00	49.04	410.25	0.35	40.95	0.892
Barlow_BV26_2	51.30	144.45	0.00	43.84	151.24	0.03	8.37	0.773
Barlow_BV260_1	0.00	2160.62	0.00	0.00	2154.82	0.70	39.70	0.997
Barlow_BV260_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.45	0.993
Barlow_BV260_2	0.00	1544.76	0.00	0.00	1539.15	0.30	33.36	0.996
Barlow_BV260_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.84	0.993
Barlow_BV261_1	51.30	1608.26	0.00	60.01	1598.86	0.71	39.39	0.963
Barlow_BV261_2	51.30	1222.65	0.00	53.47	1219.87	0.31	33.13	0.958
Barlow_BV262_1	0.00	2255.72	0.00	0.00	2250.19	0.71	39.38	0.998
Barlow_BV262_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.13	0.993
Barlow_BV262_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV262_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.88	0.993
Barlow_BV263_1	51.30	1588.03	0.00	60.40	1578.22	0.72	39.06	0.963
Barlow_BV263_2	51.30	38.61	0.00	41.34	47.91	0.01	7.31	0.533
Barlow_BV264_1	0.00	2040.03	0.00	0.00	2034.13	0.72	39.05	0.997
Barlow_BV264_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.48	0.993
Barlow_BV264_2	0.00	60.65	0.00	0.00	54.92	0.01	6.41	0.905
Barlow_BV264_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.13	0.993
Barlow_BV265_1	51.30	1599.01	0.00	60.98	1588.74	0.73	38.73	0.963
Barlow_BV265_2	51.30	86.79	0.00	42.69	94.74	0.02	7.71	0.686
Barlow_BV266_1	0.00	2036.96	0.00	0.00	2031.25	0.73	38.72	0.997
Barlow_BV266_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.69	0.993
Barlow_BV266_2	0.00	132.39	0.00	0.00	126.87	0.02	7.52	0.958
Barlow_BV266_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.35	0.993
Barlow_BV267_1	51.30	1737.58	0.00	61.36	1726.77	0.74	38.44	0.965
Barlow_BV267_2	51.30	140.57	0.00	43.46	147.71	0.03	8.31	0.770
Barlow_BV268_1	0.00	2397.36	0.00	0.00	2391.82	0.74	38.43	0.998
Barlow_BV268_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	10.95	0.993
Barlow_BV268_2	0.00	195.92	0.00	0.00	190.33	0.03	8.21	0.971
Barlow_BV268_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.10	0.993

Barlow_BV269_1	51.30	1872.98	0.00	61.94	1861.71	0.75	38.16	0.967
Barlow_BV269_2	51.30	197.40	0.00	44.23	203.79	0.04	8.83	0.819
Barlow_BV27_1	0.00	78.52	0.00	0.00	71.98	0.02	6.16	0.917
Barlow_BV27_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.29	0.993
Barlow_BV27_2	0.00	113.26	0.00	0.00	107.39	0.02	7.46	0.948
Barlow_BV27_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.27	0.993
Barlow_BV270_1	0.00	2366.78	0.00	0.00	2361.06	0.75	38.16	0.998
Barlow_BV270_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.24	0.993
Barlow_BV270_2	0.00	278.04	0.00	0.00	272.50	0.04	8.78	0.980
Barlow_BV270_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.57	0.993
Barlow_BV271_1	51.30	1811.86	0.00	62.32	1800.15	0.76	37.87	0.966
Barlow_BV271_2	51.30	252.87	0.00	44.80	258.60	0.04	9.26	0.850
Barlow_BV272_1	0.00	2359.21	0.00	0.00	2353.53	0.76	37.86	0.998
Barlow_BV272_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.41	0.993
Barlow_BV272_2	0.00	367.84	0.00	0.00	362.37	0.04	9.23	0.985
Barlow_BV272_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.11	0.993
Barlow_BV273_1	51.30	1743.78	0.00	62.71	1731.69	0.77	37.56	0.965
Barlow_BV273_2	51.30	319.62	0.00	45.57	324.69	0.05	9.62	0.875
Barlow_BV274_1	0.00	2288.31	0.00	0.00	2282.58	0.77	37.55	0.997
Barlow_BV274_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.91	0.993
Barlow_BV274_2	0.00	455.17	0.00	0.00	449.68	0.05	9.60	0.988
Barlow_BV274_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	3.79	0.993
Barlow_BV275_1	51.30	1965.06	0.00	63.29	1952.43	0.78	37.27	0.968
Barlow_BV275_2	51.30	405.80	0.00	46.34	410.17	0.05	9.92	0.897
Barlow_BV276_1	0.00	2605.42	0.00	0.00	2599.82	0.78	37.26	0.998
Barlow_BV276_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	10.60	0.993
Barlow_BV276_2	0.00	563.99	0.00	0.00	558.48	0.05	9.90	0.990
Barlow_BV276_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.40	0.993
Barlow_BV277_1	51.30	2130.58	0.00	63.67	2117.44	0.79	37.00	0.970
Barlow_BV277_2	51.30	522.35	0.00	46.92	526.03	0.06	10.15	0.917
Barlow_BV278_1	0.00	2477.00	0.00	0.00	2471.15	0.79	36.99	0.998
Barlow_BV278_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.27	0.993
Barlow_BV278_2	0.00	661.97	0.00	0.00	656.32	0.06	10.14	0.991
Barlow_BV278_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.15	0.993
Barlow_BV279_1	51.30	2051.21	0.00	64.25	2037.60	0.80	36.74	0.969
Barlow_BV279_2	51.30	635.82	0.00	47.69	638.81	0.06	10.35	0.930
Barlow_BV28_1	51.30	72.78	0.00	42.88	80.59	0.02	7.58	0.649
Barlow_BV28_2	51.30	93.21	0.00	43.07	100.74	0.02	7.66	0.697
Barlow_BV280_1	0.00	2603.60	0.00	0.00	2597.94	0.79	36.73	0.998
Barlow_BV280_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	10.85	0.993
Barlow_BV280_2	0.00	916.56	0.00	0.00	910.88	0.06	10.34	0.994
Barlow_BV280_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.45	0.993
Barlow_BV281_1	51.30	2161.48	0.00	64.63	2147.39	0.81	36.48	0.970
Barlow_BV281_2	51.30	737.39	0.00	48.27	739.80	0.07	10.49	0.938
Barlow_BV282_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000

Barlow_BV282_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.50	0.993
Barlow_BV282_2	0.00	1091.50	0.00	0.00	1086.15	0.07	10.48	0.995
Barlow_BV282_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.16	0.993
Barlow_BV283_1	51.30	46.43	0.00	41.53	55.72	0.02	11.42	0.570
Barlow_BV283_2	51.30	990.89	0.00	49.04	992.55	0.07	10.52	0.952
Barlow_BV284_1	0.00	75.84	0.00	0.00	70.15	0.02	10.50	0.925
Barlow_BV284_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.66	0.993
Barlow_BV284_2	0.00	1336.12	0.00	0.00	1330.56	0.07	10.51	0.996
Barlow_BV284_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.84	0.993
Barlow_BV285_1	51.30	95.80	0.00	42.69	103.73	0.03	12.26	0.705
Barlow_BV285_2	51.30	1330.33	0.00	49.81	1331.21	0.07	10.46	0.964
Barlow_BV286_1	0.00	131.71	0.00	0.00	126.06	0.03	12.03	0.957
Barlow_BV286_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.62	0.993
Barlow_BV286_2	0.00	1996.82	0.00	0.00	1990.82	0.07	10.46	0.997
Barlow_BV286_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.28	0.993
Barlow_BV287_1	51.30	147.50	0.00	43.46	154.60	0.04	13.09	0.778
Barlow_BV287_2	51.30	1750.07	0.00	50.58	1750.28	0.07	10.42	0.972
Barlow_BV288_1	0.00	236.01	0.00	0.00	230.56	0.04	12.94	0.977
Barlow_BV288_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.99	0.993
Barlow_BV288_2	0.00	2940.47	0.00	0.00	2934.98	0.07	10.42	0.998
Barlow_BV288_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.89	0.993
Barlow_BV289_1	51.30	261.39	0.00	44.42	267.63	0.05	13.54	0.856
Barlow_BV289_2	51.30	2985.92	0.00	51.54	2985.26	0.07	10.39	0.983
Barlow_BV29_1	0.00	52.59	0.00	0.00	45.54	0.01	3.52	0.866
Barlow_BV29_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.10	0.993
Barlow_BV29_2	0.00	64.58	0.00	0.00	58.81	0.01	6.37	0.911
Barlow_BV29_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.99	0.993
Barlow_BV290_1	0.00	419.91	0.00	0.00	413.99	0.05	13.44	0.986
Barlow_BV290_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.11	0.993
Barlow_BV290_2	0.00	5330.82	0.00	0.00	5324.86	0.07	10.39	0.999
Barlow_BV290_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.50	0.993
Barlow_BV291_1	0.00	46.73	0.00	0.00	39.98	0.03	16.47	0.856
Barlow_BV291_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.86	0.993
Barlow_BV291_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV291_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.52	0.993
Barlow_BV292_1	51.30	81.34	0.00	42.69	89.37	0.06	27.58	0.674
Barlow_BV292_2	51.30	0.00	0.00	41.15	9.13	0.00	0.12	0.178
Barlow_BV293_1	0.00	118.01	0.00	0.00	112.33	0.06	25.21	0.952
Barlow_BV293_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.35	0.993
Barlow_BV293_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV293_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.17	0.993
Barlow_BV294_1	51.30	121.45	0.00	43.46	128.73	0.09	29.68	0.745
Barlow_BV294_2	51.30	90.52	0.00	43.07	98.08	0.11	30.39	0.692
Barlow_BV295	0.00	113.50	0.00	0.00	107.80	0.06	26.27	0.950
Barlow_BV295_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.95	0.993

Barlow_BV296_1	0.00	170.25	0.00	0.00	164.57	0.09	29.09	0.967
Barlow_BV296_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.67	0.993
Barlow_BV296_2	0.00	176.60	0.00	0.00	171.41	0.10	30.10	0.971
Barlow_BV296_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.34	0.993
Barlow_BV297_1	51.30	184.29	0.00	44.23	190.78	0.12	31.85	0.810
Barlow_BV297_2	51.30	179.43	0.00	44.03	186.08	0.14	32.82	0.807
Barlow_BV298_1	0.00	245.66	0.00	0.00	240.01	0.12	31.43	0.977
Barlow_BV298_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	17.86	0.993
Barlow_BV298_2	0.00	227.94	0.00	0.00	222.20	0.14	32.65	0.975
Barlow_BV298_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.59	0.993
Barlow_BV299_1	51.30	237.66	0.00	44.80	243.46	0.15	33.35	0.843
Barlow_BV299_2	51.30	226.00	0.00	44.61	231.96	0.17	35.02	0.836
Barlow_BV3	0.00	72.40	0.00	0.00	65.81	0.02	6.99	0.909
Barlow_BV3_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.53	0.993
Barlow_BV30_1	51.30	48.12	0.00	42.30	56.54	0.01	4.81	0.569
Barlow_BV30_2	51.30	46.74	0.00	42.30	55.12	0.01	7.18	0.562
Barlow_BV300_1	0.00	333.07	0.00	0.00	327.52	0.15	33.02	0.983
Barlow_BV300_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.99	0.993
Barlow_BV300_2	0.00	277.60	0.00	0.00	271.82	0.17	34.91	0.979
Barlow_BV300_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.80	0.993
Barlow_BV301_1	51.30	318.44	0.00	45.57	323.54	0.17	34.42	0.875
Barlow_BV301_2	51.30	269.70	0.00	45.38	275.01	0.20	37.03	0.857
Barlow_BV302_1	0.00	456.36	0.00	0.00	450.83	0.17	34.17	0.988
Barlow_BV302_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.47	0.993
Barlow_BV302_2	0.00	346.59	0.00	0.00	340.91	0.20	36.96	0.984
Barlow_BV302_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.70	0.993
Barlow_BV303_1	51.30	410.93	0.00	46.15	415.35	0.19	35.19	0.899
Barlow_BV303_2	51.30	316.08	0.00	45.96	320.79	0.23	38.81	0.873
Barlow_BV304_1	0.00	578.74	0.00	0.00	573.24	0.19	34.99	0.990
Barlow_BV304_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.80	0.993
Barlow_BV304_2	0.00	410.33	0.00	0.00	404.66	0.23	38.77	0.986
Barlow_BV304_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.06	0.993
Barlow_BV305_1	51.30	466.03	0.00	46.73	469.88	0.21	35.78	0.908
Barlow_BV305_2	51.30	358.15	0.00	46.54	362.29	0.26	40.42	0.885
Barlow_BV306_1	0.00	620.02	0.00	0.00	614.37	0.21	35.59	0.991
Barlow_BV306_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.98	0.993
Barlow_BV306_2	0.00	450.52	0.00	0.00	444.77	0.26	40.39	0.987
Barlow_BV306_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.52	0.993
Barlow_BV307_1	51.30	543.17	0.00	47.50	546.35	0.23	36.31	0.919
Barlow_BV307_2	51.30	413.56	0.00	47.11	417.10	0.29	41.93	0.897
Barlow_BV308_1	0.00	777.28	0.00	0.00	771.81	0.22	36.19	0.993
Barlow_BV308_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.31	0.993
Barlow_BV308_2	0.00	503.42	0.00	0.00	497.67	0.29	41.91	0.989
Barlow_BV308_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.38	0.993
Barlow_BV309_1	51.30	712.56	0.00	48.27	715.05	0.24	36.93	0.936

Barlow_BV309_2	51.30	448.08	0.00	47.69	451.06	0.32	43.35	0.903
Barlow_BV310_1	0.00	1049.15	0.00	0.00	1043.60	0.24	36.91	0.995
Barlow_BV310_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.12	0.993
Barlow_BV310_2	0.00	619.00	0.00	0.00	613.45	0.31	43.33	0.991
Barlow_BV310_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.18	0.993
Barlow_BV311_1	51.30	942.29	0.00	48.85	944.07	0.25	37.44	0.950
Barlow_BV311_2	51.30	491.11	0.00	48.08	493.61	0.34	44.38	0.910
Barlow_BV312_1	0.00	1372.25	0.00	0.00	1366.74	0.25	37.42	0.996
Barlow_BV312_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.49	0.993
Barlow_BV312_2	0.00	623.99	0.00	0.00	618.18	0.34	44.35	0.991
Barlow_BV312_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.46	0.993
Barlow_BV313_1	51.30	1132.90	0.00	49.62	1134.01	0.26	37.26	0.958
Barlow_BV313_2	51.30	581.24	0.00	48.85	583.11	0.37	44.33	0.922
Barlow_BV314_1	0.00	1352.55	0.00	0.00	1346.82	0.26	37.24	0.996
Barlow_BV314_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.81	0.993
Barlow_BV314_2	0.00	797.68	0.00	0.00	792.07	0.37	44.30	0.993
Barlow_BV314_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.37	0.993
Barlow_BV315_1	51.30	1335.17	0.00	50.39	1335.57	0.27	37.09	0.963
Barlow_BV315_2	51.30	710.71	0.00	49.42	711.95	0.39	43.91	0.934
Barlow_BV316_1	0.00	1988.51	0.00	0.00	1982.57	0.27	37.07	0.997
Barlow_BV316_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.78	0.993
Barlow_BV316_2	0.00	1005.53	0.00	0.00	1000.00	0.39	43.88	0.994
Barlow_BV316_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.75	0.993
Barlow_BV317_1	51.30	2111.72	0.00	51.16	2111.33	0.27	36.96	0.976
Barlow_BV317_2	51.30	952.72	0.00	50.20	953.27	0.41	43.57	0.949
Barlow_BV318_1	0.00	3611.48	0.00	0.00	3605.45	0.27	36.95	0.998
Barlow_BV318_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.69	0.993
Barlow_BV318_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV318_2_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.20	0.993
Barlow_BV319_1	51.30	3087.61	0.00	51.93	3086.52	0.28	36.87	0.983
Barlow_BV319_2	51.30	44.59	0.00	41.53	53.87	0.02	13.56	0.562
Barlow_BV32_1	0.00	28.32	0.00	0.00	21.02	0.00	0.92	0.742
Barlow_BV32_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	3.79	0.993
Barlow_BV32_2	0.00	12.65	0.00	0.00	4.81	0.00	0.23	0.380
Barlow_BV32_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.88	0.993
Barlow_BV320_1	0.00	4146.07	0.00	0.00	4140.73	0.28	36.86	0.999
Barlow_BV320_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.37	0.993
Barlow_BV320_2	0.00	72.83	0.00	0.00	67.24	0.02	12.38	0.923
Barlow_BV320_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.46	0.993
Barlow_BV321_1	51.30	5106.21	0.00	53.08	5123.51	0.28	36.81	0.993
Barlow_BV321_2	51.30	100.17	0.00	42.69	108.06	0.03	14.50	0.713
Barlow_BV322_1	0.00	12251.88	0.00	0.00	12245.77	0.28	36.79	1.000
Barlow_BV322_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.82	0.993
Barlow_BV322_2	0.00	143.02	0.00	0.00	137.44	0.03	14.23	0.961
Barlow_BV322_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.44	0.993

Barlow_BV323_2	51.30	189.17	0.00	43.65	196.10	0.05	15.36	0.815
Barlow_BV324	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV324_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.54	0.993
Barlow_BV325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV325_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.34	0.993
Barlow_BV326	51.30	26.89	0.00	41.34	36.32	0.00	3.06	0.465
Barlow_BV327	0.00	34.39	0.00	0.00	27.01	0.00	1.76	0.785
Barlow_BV327_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.68	0.993
Barlow_BV328	51.30	52.49	0.00	42.30	60.84	0.01	5.93	0.586
Barlow_BV329	0.00	59.92	0.00	0.00	53.06	0.01	4.53	0.885
Barlow_BV329_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.05	0.993
Barlow_BV33_1	51.30	24.61	0.00	41.34	34.05	0.00	2.01	0.449
Barlow_BV33_2	51.30	0.00	0.00	41.15	9.13	0.00	0.58	0.178
Barlow_BV330	51.30	72.36	0.00	42.88	80.13	0.02	8.89	0.648
Barlow_BV331	0.00	86.16	0.00	0.00	79.66	0.02	7.22	0.925
Barlow_BV331_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.43	0.993
Barlow_BV332	51.30	93.38	0.00	43.46	100.64	0.04	11.83	0.696
Barlow_BV333	0.00	112.76	0.00	0.00	106.48	0.04	9.87	0.944
Barlow_BV333_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.77	0.993
Barlow_BV334	51.30	1716.74	0.00	58.86	1708.62	0.76	53.84	0.966
Barlow_BV335	0.00	2081.07	0.00	0.00	2075.23	0.76	53.84	0.997
Barlow_BV335_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.01	0.993
Barlow_BV336	51.30	1385.97	0.00	59.82	1376.93	0.78	53.46	0.958
Barlow_BV337	0.00	1773.93	0.00	0.00	1767.86	0.77	53.46	0.997
Barlow_BV337_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.49	0.993
Barlow_BV338	51.30	1294.49	0.00	60.21	1284.93	0.79	53.04	0.955
Barlow_BV339	0.00	1455.62	0.00	0.00	1449.40	0.79	53.03	0.996
Barlow_BV339_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.21	0.993
Barlow_BV34	51.30	0.00	0.00	41.72	8.45	0.01	2.63	0.165
Barlow_BV340	51.30	1161.69	0.00	60.59	1151.68	0.81	52.56	0.949
Barlow_BV341	0.00	1424.34	0.00	0.00	1418.57	0.80	52.54	0.996
Barlow_BV341_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.06	0.993
Barlow_BV342	51.30	1023.05	0.00	60.98	1012.76	0.82	51.99	0.943
Barlow_BV343	0.00	1264.79	0.00	0.00	1258.78	0.82	51.97	0.995
Barlow_BV343_Pann	51.30	0.00	0.00	0.00	50.94	0.03	23.07	0.993
Barlow_BV344_1	51.30	984.56	0.00	61.17	973.96	0.84	51.37	0.940
Barlow_BV344_2	51.30	0.00	0.00	41.15	9.13	0.00	0.03	0.178
Barlow_BV345_1	0.00	1247.71	0.00	0.00	1241.96	0.84	51.35	0.995
Barlow_BV345_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	23.96	0.993
Barlow_BV345_2	0.00	3.15	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV345_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.03	0.993
Barlow_BV346_1	51.30	1009.24	0.00	61.55	998.30	0.86	50.74	0.941
Barlow_BV346_2	51.30	20.80	0.00	41.34	30.22	0.00	1.37	0.419
Barlow_BV347_1	0.00	1228.03	0.00	0.00	1222.25	0.86	50.71	0.995
Barlow_BV347_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	24.95	0.993

Barlow_BV347_2	0.00	24.11	0.00	0.00	16.53	0.00	0.49	0.686
Barlow_BV347_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.15	0.993
Barlow_BV348_1	51.30	1042.23	0.00	61.94	1030.96	0.89	50.09	0.943
Barlow_BV348_2	51.30	41.70	0.00	42.11	50.22	0.01	4.05	0.540
Barlow_BV349_1	0.00	1240.04	0.00	0.00	1234.26	0.88	50.06	0.995
Barlow_BV349_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	25.34	0.993
Barlow_BV349_2	0.00	49.87	0.00	0.00	42.74	0.01	2.91	0.857
Barlow_BV349_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	5.14	0.993
Barlow_BV35_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV35_1_Pann	51.30	0.00	0.00	0.00	50.94	0.00	1.52	0.993
Barlow_BV35_3	0.00	321.83	0.00	0.00	315.79	0.32	42.39	0.981
Barlow_BV35_3_Pann	51.30	0.00	0.00	0.00	50.94	0.05	36.05	0.993
Barlow_BV35_4	0.00	351.71	0.00	0.00	346.09	0.09	15.43	0.984
Barlow_BV35_4_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.64	0.993
Barlow_BV350_1	51.30	1030.18	0.00	62.13	1018.63	0.91	49.41	0.942
Barlow_BV350_2	51.30	765.75	0.00	48.08	768.46	0.17	26.58	0.941
Barlow_BV351_1	0.00	1303.61	0.00	0.00	1297.94	0.90	49.37	0.996
Barlow_BV351_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	24.70	0.993
Barlow_BV351_2	0.00	844.93	0.00	0.00	838.42	0.17	26.56	0.992
Barlow_BV351_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.12	0.993
Barlow_BV352	0.00	656.65	0.00	0.00	650.20	0.18	26.57	0.990
Barlow_BV352_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.68	0.993
Barlow_BV353	51.30	528.75	0.00	49.42	529.97	0.19	26.27	0.914
Barlow_BV354	0.00	583.13	0.00	0.00	577.05	0.19	26.22	0.990
Barlow_BV354_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.66	0.993
Barlow_BV355	51.30	483.86	0.00	50.00	484.57	0.21	25.92	0.905
Barlow_BV356	0.00	640.60	0.00	0.00	634.98	0.21	25.91	0.991
Barlow_BV356_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.45	0.993
Barlow_BV357	51.30	586.11	0.00	50.58	586.23	0.22	25.64	0.920
Barlow_BV358	0.00	829.94	0.00	0.00	824.38	0.22	25.62	0.993
Barlow_BV358_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.46	0.993
Barlow_BV359	51.30	803.13	0.00	51.16	802.58	0.23	25.40	0.939
Barlow_BV36_1	51.30	286.11	0.00	46.73	289.91	0.33	42.49	0.859
Barlow_BV36_2	51.30	260.55	0.00	46.15	265.00	0.10	15.59	0.850
Barlow_BV360	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV360_Pann	51.30	0.00	0.00	0.00	50.94	0.01	6.88	0.993
Barlow_BV361	51.30	45.54	0.00	41.53	54.82	0.01	8.30	0.566
Barlow_BV362	0.00	91.51	0.00	0.00	85.73	0.01	7.71	0.937
Barlow_BV362_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.61	0.993
Barlow_BV363	51.30	81.76	0.00	42.69	89.80	0.07	26.86	0.675
Barlow_BV364	0.00	58.49	0.00	0.00	52.76	0.03	22.15	0.902
Barlow_BV364_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.88	0.993
Barlow_BV365	51.30	0.00	0.00	41.72	8.39	0.02	4.55	0.164
Barlow_BV366	51.30	0.00	0.00	41.15	9.06	0.01	2.74	0.177
Barlow_BV367	51.30	23.60	0.00	41.34	33.01	0.02	13.62	0.441

Barlow_BV368_2	51.30	63.95	0.00	51.35	62.69	0.42	43.86	0.544
Barlow_BV369	51.30	0.00	0.00	41.15	9.13	0.01	2.11	0.178
Barlow_BV37_1	0.00	319.05	0.00	0.00	313.24	0.28	39.20	0.982
Barlow_BV37_1_Pann	51.30	0.00	0.00	0.00	50.94	0.05	31.44	0.993
Barlow_BV37_2	0.00	281.53	0.00	0.00	275.66	0.08	14.63	0.979
Barlow_BV37_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.21	0.993
Barlow_BV370	51.30	0.00	0.00	41.15	9.18	0.01	1.76	0.179
Barlow_BV371_1	51.30	32.54	0.00	41.34	41.98	0.03	20.90	0.501
Barlow_BV371_2	51.30	48.94	0.00	41.34	58.39	0.03	25.58	0.583
Barlow_BV372	51.30	1209.89	0.00	60.98	1199.56	0.76	38.33	0.951
Barlow_BV373_1	51.30	0.00	0.00	42.30	7.86	0.02	3.40	0.153
Barlow_BV374_2	51.30	100.73	0.00	51.74	99.22	0.37	35.80	0.653
Barlow_BV375	51.30	0.00	0.00	45.38	4.83	0.00	0.34	0.094
Barlow_BV376_1	51.30	620.70	0.00	49.04	622.45	0.18	26.61	0.926
Barlow_BV376_2	51.30	925.36	0.00	62.32	913.55	0.93	48.67	0.935
Barlow_BV377_1	51.30	39.88	0.00	47.69	42.25	0.16	25.78	0.463
Barlow_BV377_3	51.30	120.77	0.00	58.67	112.30	0.72	51.27	0.653
Barlow_BV377_4	51.30	498.12	0.00	58.28	490.49	0.77	49.37	0.893
Barlow_BV377_5	51.30	121.45	0.00	45.96	126.01	0.15	28.73	0.729
Barlow_BV378_1	51.30	0.00	0.00	41.72	8.49	0.00	1.02	0.165
Barlow_BV378_2	51.30	0.00	0.00	41.15	9.14	0.00	0.58	0.178
Barlow_BV379_1	51.30	323.52	0.00	45.19	329.04	0.12	27.82	0.878
Barlow_BV379_2	51.30	690.67	0.00	48.46	692.89	0.07	10.50	0.934
Barlow_BV38_1	51.30	255.61	0.00	46.34	259.87	0.28	39.26	0.847
Barlow_BV38_2	51.30	223.35	0.00	45.57	228.39	0.08	14.83	0.832
Barlow_BV380_1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV380_1_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.07	0.993
Barlow_BV380_2	0.00	930.18	0.00	0.00	924.66	0.07	10.49	0.994
Barlow_BV380_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	2.59	0.993
Barlow_BV39_1	0.00	285.10	0.00	0.00	279.27	0.24	36.15	0.980
Barlow_BV39_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	29.88	0.993
Barlow_BV39_2	0.00	251.94	0.00	0.00	246.02	0.07	13.77	0.977
Barlow_BV39_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.46	0.993
Barlow_BV4	0.00	140.23	0.00	0.00	133.46	0.05	9.81	0.952
Barlow_BV4_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.89	0.993
Barlow_BV40_1	51.30	229.31	0.00	45.96	234.02	0.24	36.23	0.834
Barlow_BV40_2	51.30	206.63	0.00	45.00	212.20	0.07	14.00	0.823
Barlow_BV41_1	0.00	248.93	0.00	0.00	243.07	0.19	32.96	0.976
Barlow_BV41_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	28.39	0.993
Barlow_BV41_2	0.00	224.38	0.00	0.00	218.61	0.05	12.77	0.974
Barlow_BV41_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.61	0.993
Barlow_BV42_1	51.30	199.95	0.00	45.38	205.14	0.20	33.13	0.816
Barlow_BV42_2	51.30	178.66	0.00	44.42	184.83	0.05	13.03	0.804
Barlow_BV43_1	0.00	214.09	0.00	0.00	208.19	0.16	29.69	0.972
Barlow_BV43_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	26.58	0.993

Barlow_BV43_2	0.00	175.26	0.00	0.00	169.59	0.04	11.12	0.968
Barlow_BV43_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	8.47	0.993
Barlow_BV44_1	51.30	170.76	0.00	45.00	176.45	0.16	30.45	0.795
Barlow_BV44_2	51.30	123.97	0.00	43.65	130.90	0.04	12.16	0.747
Barlow_BV45_1	0.00	179.54	0.00	0.00	173.61	0.12	26.50	0.967
Barlow_BV45_1_Pann	51.30	0.00	0.00	0.00	50.94	0.04	24.53	0.993
Barlow_BV45_2	0.00	95.13	0.00	0.00	88.75	0.03	8.35	0.933
Barlow_BV45_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	10.07	0.993
Barlow_BV46_1	51.30	142.07	0.00	44.42	148.26	0.12	27.78	0.767
Barlow_BV46_2	51.30	56.93	0.00	42.88	64.70	0.02	9.70	0.598
Barlow_BV47_1	0.00	143.94	0.00	0.00	138.03	0.09	23.24	0.959
Barlow_BV47_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.33	0.993
Barlow_BV47_2	0.00	38.49	0.00	0.00	31.18	0.01	1.84	0.810
Barlow_BV47_2_Pann	51.30	0.00	0.00	0.00	50.94	0.01	7.69	0.993
Barlow_BV48_1	51.30	113.43	0.00	44.03	120.11	0.09	25.41	0.729
Barlow_BV48_2	51.30	36.84	0.00	42.49	45.15	0.01	4.03	0.512
Barlow_BV49_1	0.00	103.20	0.00	0.00	97.23	0.06	19.57	0.942
Barlow_BV49_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	20.49	0.993
Barlow_BV49_2	0.00	35.95	0.00	0.00	28.31	0.00	0.60	0.787
Barlow_BV49_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	3.05	0.993
Barlow_BV5	51.30	3.36	0.00	41.72	11.98	0.00	0.83	0.219
Barlow_BV5_1	0.00	203.09	0.00	0.00	197.45	0.10	20.52	0.972
Barlow_BV5_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	17.93	0.993
Barlow_BV5_2	0.00	143.75	0.00	0.00	137.23	0.07	14.21	0.955
Barlow_BV5_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.68	0.993
Barlow_BV5_3	0.00	559.49	0.00	0.00	553.86	0.35	40.93	0.990
Barlow_BV5_3_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.12	0.993
Barlow_BV5_4	0.00	218.96	0.00	0.00	213.17	0.03	8.28	0.974
Barlow_BV5_4_Pann	51.30	0.00	0.00	0.00	50.94	0.01	4.75	0.993
Barlow_BV50_1	51.30	81.60	0.00	43.46	88.77	0.06	22.60	0.668
Barlow_BV51_1	0.00	52.40	0.00	0.00	45.47	0.02	11.48	0.868
Barlow_BV51_1_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.22	0.993
Barlow_BV51_2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV51_2_Pann	51.30	0.00	0.00	0.00	50.94	0.00	0.60	0.993
Barlow_BV52	51.30	43.88	0.00	43.46	51.20	0.03	15.20	0.538
Barlow_BV53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000
Barlow_BV53_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.91	0.993
Barlow_BV54	51.30	334.34	0.00	46.73	338.15	0.11	16.21	0.877
Barlow_BV55	0.00	421.71	0.00	0.00	416.00	0.11	16.13	0.986
Barlow_BV55_Pann	51.30	0.00	0.00	0.00	50.94	0.01	9.18	0.993
Barlow_BV56	51.30	316.59	0.00	47.31	320.01	0.12	16.97	0.870
Barlow_BV57	0.00	386.84	0.00	0.00	380.64	0.12	16.94	0.984
Barlow_BV57_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.20	0.993
Barlow_BV58	51.30	331.02	0.00	47.69	333.96	0.14	17.79	0.874
Barlow_BV59	0.00	424.66	0.00	0.00	418.93	0.14	17.75	0.986

Barlow_BV59_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.48	0.993
Barlow_BV6	0.00	249.61	0.00	0.00	243.88	0.13	23.90	0.977
Barlow_BV6_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.32	0.993
Barlow_BV60	51.30	362.47	0.00	48.08	364.91	0.15	18.55	0.882
Barlow_BV61	0.00	491.23	0.00	0.00	485.61	0.15	18.52	0.989
Barlow_BV61_Pann	51.30	0.00	0.00	0.00	50.94	0.02	11.06	0.993
Barlow_BV62	51.30	405.33	0.00	48.65	407.30	0.17	19.21	0.892
Barlow_BV63	0.00	494.74	0.00	0.00	488.84	0.17	19.16	0.988
Barlow_BV63_Pann	51.30	0.00	0.00	0.00	50.94	0.02	12.05	0.993
Barlow_BV64	51.30	419.01	0.00	49.04	420.51	0.18	18.94	0.894
Barlow_BV65	0.00	462.77	0.00	0.00	456.67	0.18	18.92	0.987
Barlow_BV65_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.11	0.993
Barlow_BV66	51.30	404.86	0.00	49.42	405.97	0.20	19.87	0.890
Barlow_BV67	0.00	527.55	0.00	0.00	521.90	0.20	19.86	0.989
Barlow_BV67_Pann	51.30	0.00	0.00	0.00	50.94	0.02	13.61	0.993
Barlow_BV68	51.30	452.61	0.00	50.00	453.27	0.22	20.82	0.900
Barlow_BV69	0.00	529.55	0.00	0.00	523.63	0.22	20.81	0.989
Barlow_BV69_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.74	0.993
Barlow_BV7	51.30	0.00	0.00	44.80	5.28	0.01	0.90	0.103
Barlow_BV7_1	0.00	399.40	0.00	0.00	393.82	0.18	28.16	0.986
Barlow_BV7_1_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.09	0.993
Barlow_BV7_2	0.00	297.55	0.00	0.00	291.80	0.15	26.22	0.981
Barlow_BV7_2_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.50	0.993
Barlow_BV7_3	51.30	479.53	0.00	49.42	480.62	0.38	42.44	0.905
Barlow_BV7_4	51.30	211.92	0.00	44.61	218.01	0.04	8.84	0.828
Barlow_BV70	51.30	496.92	0.00	50.39	497.13	0.24	21.48	0.907
Barlow_BV71	0.00	600.80	0.00	0.00	595.04	0.24	21.44	0.990
Barlow_BV71_Pann	51.30	0.00	0.00	0.00	50.94	0.02	14.11	0.993
Barlow_BV72	51.30	498.25	0.00	50.77	498.08	0.26	22.20	0.906
Barlow_BV73	0.00	553.90	0.00	0.00	547.81	0.25	22.18	0.989
Barlow_BV73_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.45	0.993
Barlow_BV74	51.30	471.68	0.00	51.16	471.18	0.28	23.41	0.901
Barlow_BV75	0.00	626.46	0.00	0.00	620.85	0.28	23.40	0.991
Barlow_BV75_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.70	0.993
Barlow_BV76	51.30	513.10	0.00	51.54	512.23	0.30	24.51	0.908
Barlow_BV77	0.00	669.13	0.00	0.00	663.44	0.29	24.50	0.991
Barlow_BV77_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.74	0.993
Barlow_BV78	51.30	502.67	0.00	51.74	501.49	0.32	25.73	0.905
Barlow_BV79	0.00	610.88	0.00	0.00	604.82	0.31	25.70	0.990
Barlow_BV79_Pann	51.30	0.00	0.00	0.00	50.94	0.03	18.36	0.993
Barlow_BV8	0.00	452.86	0.00	0.00	447.15	0.20	29.60	0.987
Barlow_BV8_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.95	0.993
Barlow_BV80	51.30	540.03	0.00	52.31	538.42	0.34	27.12	0.911
Barlow_BV81	0.00	613.53	0.00	0.00	607.63	0.34	27.09	0.990
Barlow_BV81_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.56	0.993

Barlow_BV82	51.30	596.93	0.00	52.70	594.87	0.36	28.45	0.918
Barlow_BV83	0.00	834.73	0.00	0.00	828.97	0.36	28.44	0.993
Barlow_BV83_Pann	51.30	0.00	0.00	0.00	50.94	0.02	15.38	0.993
Barlow_BV84	51.30	613.96	0.00	53.08	611.57	0.38	29.53	0.919
Barlow_BV85	0.00	687.88	0.00	0.00	681.56	0.38	29.50	0.991
Barlow_BV85_Pann	51.30	0.00	0.00	0.00	50.94	0.03	19.60	0.993
Barlow_BV86	51.30	595.69	0.00	53.47	592.92	0.40	30.37	0.916
Barlow_BV87	0.00	676.49	0.00	0.00	670.59	0.40	30.36	0.991
Barlow_BV87_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.12	0.993
Barlow_BV88	51.30	586.67	0.00	53.66	583.54	0.43	31.56	0.915
Barlow_BV89	0.00	674.66	0.00	0.00	668.79	0.42	31.54	0.991
Barlow_BV89_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.47	0.993
Barlow_BV9	0.00	485.50	0.00	0.00	479.73	0.22	30.89	0.988
Barlow_BV9_Pann	51.30	0.00	0.00	0.00	50.94	0.02	16.48	0.993
Barlow_BV90	51.30	679.03	0.00	54.24	675.43	0.45	33.02	0.925
Barlow_BV91	0.00	760.28	0.00	0.00	754.41	0.45	33.00	0.992
Barlow_BV91_Pann	51.30	0.00	0.00	0.00	50.94	0.03	21.16	0.993
Barlow_BV92	51.30	656.82	0.00	54.62	652.85	0.48	34.32	0.922
Barlow_BV93	0.00	756.15	0.00	0.00	750.29	0.47	34.27	0.992
Barlow_BV93_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.40	0.993
Barlow_BV94	51.30	664.54	0.00	55.01	660.22	0.50	35.35	0.922
Barlow_BV95	0.00	729.11	0.00	0.00	723.16	0.50	35.27	0.992
Barlow_BV95_Pann	51.30	0.00	0.00	0.00	50.94	0.04	24.46	0.993
Barlow_BV96	51.30	666.82	0.00	55.39	662.14	0.53	37.04	0.922
Barlow_BV97	0.00	854.07	0.00	0.00	848.41	0.53	37.02	0.993
Barlow_BV97_Pann	51.30	0.00	0.00	0.00	50.94	0.03	22.01	0.993
Barlow_BV98	51.30	674.51	0.00	55.59	669.52	0.55	38.56	0.922
Barlow_BV99	0.00	837.40	0.00	0.00	831.58	0.55	38.53	0.993
Barlow_BV99_Pann	51.30	0.00	0.00	0.00	50.94	0.03	23.46	0.993

Node Depth Summary

Node	Type	Average Depth Meters	Maximum Depth Meters	Maximum HGL Meters	Time of Max Occurrence days hr:min	Reported Max Depth Meters
Barlow_EXU3	JUNCTION	0.03	0.20	60.65	0 03:06	0.20
Barlow_J1	JUNCTION	0.02	0.24	62.62	0 03:01	0.24
Barlow_J11	JUNCTION	0.05	0.40	62.20	0 04:26	0.40
Barlow_J13	JUNCTION	0.05	0.45	62.29	0 02:14	0.42
Barlow_J14	JUNCTION	0.04	0.47	62.47	0 02:14	0.41

Barlow_J15	JUNCTION	0.04	0.31	61.90	0	02:28	0.31
Barlow_J17	JUNCTION	0.74	0.89	61.38	0	03:05	0.89
Barlow_J18	JUNCTION	0.04	0.50	62.38	0	03:03	0.50
Barlow_J19	JUNCTION	0.02	0.25	62.40	0	02:21	0.25
Barlow_J2	JUNCTION	0.00	0.06	62.48	0	03:03	0.06
Barlow_J20	JUNCTION	0.03	0.18	62.43	0	02:56	0.18
Barlow_J21	JUNCTION	0.06	0.40	61.90	0	03:07	0.40
Barlow_J22	JUNCTION	0.03	0.26	62.60	0	03:08	0.26
Barlow_J23	JUNCTION	0.02	0.25	62.69	0	02:38	0.25
Barlow_J24	JUNCTION	0.05	0.42	62.12	0	04:40	0.41
Barlow_J25	JUNCTION	0.02	0.18	62.48	0	01:51	0.18
Barlow_J26	JUNCTION	0.02	0.23	62.63	0	02:57	0.23
Barlow_J27	JUNCTION	0.00	0.05	61.90	0	02:18	0.05
Barlow_J28	JUNCTION	0.00	0.03	61.78	0	03:02	0.03
Barlow_J3	JUNCTION	0.01	0.13	62.62	0	03:01	0.13
Barlow_J30	JUNCTION	0.03	0.50	62.36	0	02:59	0.45
Barlow_J31	JUNCTION	0.02	0.19	62.37	0	01:23	0.18
Barlow_J32	JUNCTION	0.01	0.14	62.11	0	01:20	0.14
Barlow_J50	JUNCTION	0.04	0.50	62.47	0	02:14	0.42
Barlow_J6	JUNCTION	0.01	0.18	62.43	0	03:03	0.18
Barlow_J7	JUNCTION	0.01	0.13	61.89	0	03:06	0.13
Barlow_Pond1	JUNCTION	0.06	0.50	62.10	0	02:37	0.50
Barlow_Pond2	JUNCTION	0.06	0.45	62.00	0	01:59	0.45
Barlow_EXU1	OUTFALL	0.02	0.13	60.55	0	03:06	0.13

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	Flow Balance Error Percent
Barlow_EXU3	JUNCTION	0.00	303.73	0 03:06	0	5.22	0.000
Barlow_J1	JUNCTION	0.00	48.48	0 02:23	0	0.446	0.032
Barlow_J11	JUNCTION	0.00	137.98	0 02:17	0	2.64	-0.034
Barlow_J13	JUNCTION	48.67	140.75	0 02:08	0.928	2.64	0.035
Barlow_J14	JUNCTION	6.18	111.83	0 02:14	0.0269	1.65	0.132
Barlow_J15	JUNCTION	0.00	165.66	0 03:03	0	2.33	0.036
Barlow_J17	JUNCTION	0.00	303.76	0 03:05	0	5.22	-0.011
Barlow_J18	JUNCTION	24.58	61.10	0 01:30	0.173	0.65	22.659
Barlow_J19	JUNCTION	22.44	77.37	0 02:50	0.239	0.924	-0.062

Barlow_J2	JUNCTION	3.04	12.33	0	03:00	0.00434	0.104	0.061
Barlow_J20	JUNCTION	44.01	44.01	0	01:20	0.792	0.792	-0.165
Barlow_J21	JUNCTION	0.00	345.14	0	02:17	0	5.19	0.128
Barlow_J22	JUNCTION	23.04	65.30	0	02:54	0.224	0.669	-0.158
Barlow_J23	JUNCTION	57.03	57.03	0	01:20	0.409	0.409	-0.415
Barlow_J24	JUNCTION	4.61	137.23	0	04:37	0.00662	2.65	0.034
Barlow_J25	JUNCTION	70.96	70.96	0	03:00	0.886	0.886	-0.990
Barlow_J26	JUNCTION	19.47	49.55	0	02:17	0.0367	0.447	0.355
Barlow_J27	JUNCTION	4.25	4.25	0	01:50	0.023	0.0231	-1.587
Barlow_J28	JUNCTION	5.70	5.70	0	03:00	0.0441	0.0441	-0.107
Barlow_J3	JUNCTION	14.15	14.15	0	01:20	0.0995	0.0995	-0.072
Barlow_J30	JUNCTION	36.79	148.81	0	03:03	0.289	1.71	0.766
Barlow_J31	JUNCTION	51.68	58.70	0	01:20	0.366	0.47	-1.080
Barlow_J32	JUNCTION	50.55	50.55	0	01:20	0.0795	0.0822	-3.622
Barlow_J50	JUNCTION	43.92	119.96	0	02:14	0.0635	1.72	-0.066
Barlow_J6	JUNCTION	5.84	61.50	0	03:00	0.0154	0.686	0.121
Barlow_J7	JUNCTION	0.00	22.87	0	02:20	0	0.0517	1.066
Barlow_Pond1	JUNCTION	49.71	173.28	0	02:37	0.495	2.28	0.206
Barlow_Pond2	JUNCTION	26.15	158.03	0	03:55	0.292	2.94	0.118
Barlow_EXU1	OUTFALL	0.00	303.73	0	03:06	0	5.22	0.000

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
Barlow_J11	JUNCTION	3.30	0.152	0.000
Barlow_J13	JUNCTION	3.24	0.198	0.052
Barlow_J14	JUNCTION	3.11	0.224	0.026
Barlow_J18	JUNCTION	2.94	0.250	0.000
Barlow_J19	JUNCTION	1.81	0.000	0.000
Barlow_J22	JUNCTION	1.71	0.013	0.000
Barlow_J23	JUNCTION	0.58	0.000	0.000
Barlow_J24	JUNCTION	3.58	0.171	0.212
Barlow_J30	JUNCTION	1.89	0.250	0.000
Barlow_J50	JUNCTION	2.79	0.250	0.000
Barlow_Pond1	JUNCTION	3.97	0.250	0.000
Barlow_Pond2	JUNCTION	4.45	0.200	0.000

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
Barlow_J11	0.73	6.97	0 02:15	0.002	0.002
Barlow_J18	0.10	44.17	0 03:03	0.003	0.000
Barlow_J19	1.80	23.78	0 02:50	0.094	0.000
Barlow_J22	1.71	5.03	0 02:15	0.016	0.013
Barlow_J23	0.58	0.61	0 02:17	0.000	0.000
Barlow_J30	0.01	47.21	0 03:03	0.000	0.000
Barlow_Pond1	0.01	9.37	0 03:03	0.000	0.000
Barlow_Pond2	1.87	66.98	0 02:00	0.048	0.000

Outfall Loading Summary

Outfall Node	Flow Freq Pcnt	Avg Flow LPS	Max Flow LPS	Total Volume 10^6 ltr
Barlow_EXU1	71.73	42.17	303.73	5.220
System	71.73	42.17	303.73	5.220

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
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Barlow_C1	CONDUIT	24.03	0	02:24	0.49	0.70	0.98
Barlow_C10	CONDUIT	45.01	0	01:20	0.28	0.29	0.68
Barlow_C11	CONDUIT	71.03	0	02:14	0.21	0.65	1.00
Barlow_C11_2	CONDUIT	41.76	0	01:30	0.24	0.38	0.79
Barlow_C13	CONDUIT	39.61	0	03:02	0.21	0.37	0.86
Barlow_C14	CONDUIT	112.20	0	03:06	0.69	0.23	0.18
Barlow_C14_1	CONDUIT	102.64	0	02:08	0.22	0.80	1.00
Barlow_C14_2	CONDUIT	137.98	0	02:17	0.28	1.10	1.00
Barlow_C15	CONDUIT	58.63	0	02:14	1.19	1.58	1.00
Barlow_C16	CONDUIT	47.02	0	02:18	0.15	1.17	0.95
Barlow_C16_1	CONDUIT	48.48	0	02:23	0.16	0.60	0.93
Barlow_C16_3	CONDUIT	24.31	0	02:23	0.50	0.70	0.98
Barlow_C18	CONDUIT	163.19	0	03:03	0.44	4.36	1.00
Barlow_C18_2	CONDUIT	126.94	0	02:37	0.34	0.78	1.00
Barlow_C18_4	CONDUIT	55.93	0	03:03	0.15	2.21	1.00
Barlow_C19	CONDUIT	191.53	0	03:05	1.00	0.15	0.18
Barlow_C19_1	CONDUIT	19.14	0	02:20	0.08	0.00	0.14
Barlow_C19_2	CONDUIT	191.12	0	04:59	0.93	0.11	0.39
Barlow_C2	CONDUIT	12.23	0	03:01	0.15	0.18	0.37
Barlow_C20	CONDUIT	3.74	0	02:18	0.07	0.00	0.08
Barlow_C20_1	CONDUIT	137.23	0	04:37	0.27	0.97	1.00
Barlow_C20_2	CONDUIT	137.23	0	04:37	0.27	0.89	1.00
Barlow_C21	CONDUIT	61.02	0	03:09	0.21	0.98	0.86
Barlow_C23	CONDUIT	5.58	0	03:02	0.05	0.00	0.09
Barlow_C24	CONDUIT	12.22	0	03:03	0.13	0.05	0.47
Barlow_C25	CONDUIT	155.55	0	02:16	0.31	1.53	1.00
Barlow_C26	CONDUIT	72.64	0	02:01	0.24	0.38	0.85
Barlow_C27	CONDUIT	61.45	0	03:03	0.26	0.41	0.86
Barlow_C28	CONDUIT	58.43	0	02:14	1.19	1.58	1.00
Barlow_C3	CONDUIT	298.24	0	03:07	0.64	0.04	0.19
Barlow_C5	CONDUIT	303.73	0	03:06	0.81	0.01	0.08
Barlow_S4	WEIR	0.00	0	00:00			0.00

Flow Classification Summary

Conduit	Adjusted /Actual Length	----- Fraction of Time in Flow Class -----								
		Up Dry	Down Dry	Sub Dry	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl	
Barlow_C1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.85
Barlow_C10	1.00	0.00	0.36	0.00	0.64	0.00	0.00	0.00	0.94	0.00

Barlow_C11	1.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00	0.93	0.00
Barlow_C11_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.96	0.00
Barlow_C13	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.87	0.00
Barlow_C14	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
Barlow_C14_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
Barlow_C14_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.77	0.00
Barlow_C15	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
Barlow_C16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.89	0.00
Barlow_C16_1	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.02	0.00
Barlow_C16_3	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.85
Barlow_C18	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C18_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.92	0.00
Barlow_C18_4	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.01	0.00
Barlow_C19	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.04
Barlow_C19_1	1.00	0.01	0.02	0.00	0.97	0.00	0.00	0.00	0.87	0.00
Barlow_C19_2	1.00	0.01	0.00	0.00	0.98	0.01	0.00	0.00	0.00	0.74
Barlow_C2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C20	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.91	0.00
Barlow_C20_1	1.00	0.00	0.01	0.00	0.99	0.00	0.00	0.00	0.81	0.00
Barlow_C20_2	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.90	0.00
Barlow_C21	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C23	1.00	0.03	0.58	0.00	0.39	0.00	0.00	0.00	0.97	0.00
Barlow_C24	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00
Barlow_C25	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.76	0.00
Barlow_C26	1.00	0.00	0.03	0.00	0.97	0.00	0.00	0.00	0.87	0.00
Barlow_C27	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Barlow_C28	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.14
Barlow_C3	1.00	0.01	0.00	0.00	0.77	0.00	0.00	0.22	0.00	0.00
Barlow_C5	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00

 Conduit Surcharge Summary

Conduit	Hours Full			Hours	
	Both Ends	Upstream	Dnstream	Above Full Normal Flow	Hours Capacity Limited
Barlow_C1	0.01	0.01	1.71	0.01	0.01
Barlow_C10	0.01	0.01	3.97	0.01	0.01
Barlow_C11	1.80	1.80	3.11	0.01	0.01
Barlow_C11_2	0.01	0.01	2.93	0.01	0.01
Barlow_C13	0.01	0.01	3.11	0.01	0.01

Barlow_C14_1	2.79	2.79	3.24	0.01	0.01
Barlow_C14_2	3.23	3.24	3.30	2.80	2.70
Barlow_C15	2.79	3.11	2.79	3.17	2.78
Barlow_C16	0.01	0.58	0.01	1.40	0.01
Barlow_C16_3	0.01	0.01	1.71	0.01	0.01
Barlow_C18	3.19	3.97	3.19	5.16	3.19
Barlow_C18_2	1.89	1.89	3.97	0.01	0.01
Barlow_C18_4	1.86	2.93	1.89	2.79	0.95
Barlow_C20_1	3.30	3.30	3.58	0.01	0.01
Barlow_C20_2	3.58	3.58	4.45	0.01	0.01
Barlow_C21	0.01	1.71	0.01	0.01	0.01
Barlow_C25	4.45	4.45	4.91	3.77	3.78
Barlow_C26	0.01	0.01	1.89	0.01	0.01
Barlow_C27	0.01	0.01	1.80	0.01	0.01
Barlow_C28	2.79	3.11	2.79	3.18	2.78

Analysis begun on: Mon Apr 23 15:51:48 2018
 Analysis ended on: Mon Apr 23 15:52:07 2018

Total elapsed time: 00:00:19

APPENDIX

D GEMTEC MEMO



June 8, 2018

File: 63473.12

Developpement EDF EN Canada Inc.
910-1134 Ste-Catherine Street
Montreal, Ontario
H3B 1H4

Attention: Nathalie Jouanneau

**Re: Comments regarding vegetation plan
Barlow Solar, 16851 Cornwall Centre Road, Cornwall, ON**

At your request, our firm has consulted with the Raisin Region Conservation Authority (RRCA) in regards to their comments, dated May 24, 2018, which were issued via email following their review of the Ministry of the Environment and Climate Change's (MOECC) approval of the stormwater management and erosion control plan that was prepared by WSP Canada Inc., dated May 2018.

The RRCA has indicated the following:

- In the opinion of the RRCA, the 'twice per year' inspection of the post-construction site vegetation health and its effectiveness against erosion, as recommended in the ESCP, is considered inadequate; and,
- That the ESCP (as well as previous project study reports by other firms) does not clearly indicate the type of vegetation that is recommended for re-vegetating the site following construction.

Further to your request, the following comments are provided in regards to those put forth by the RRCA:

In regards to the assessment of condition and performance of the prescribed vegetative ground cover, we recommend that, in addition to the currently recommended site inspections (being one following the spring freshet and one at the end of summer), there be an additional inspection during mid-summer and another in mid-fall (prior to frost/freezing conditions), for a total of four seasonal assessments.

In regards to a recommendation for vegetation type to be used for re-vegetating the site, we have consulted with a supplier experienced in re-vegetation of solar panel sites in Eastern Ontario. Their recommended seed mix is as follows:

Recommended native seed mix

Creeping Red Fescue	45%
Chewings Fescue	25%
Spartin II Hard Fescue	5%
Quatro Sheep Fescue	5%
Annual Ryegrass (nurse crop)	17%
White Clover	3%

Recommended seeding rate: 40 to 50kg/ha

We trust that the information provided above is sufficient for your purposes. Kindly contact the undersigned should you require additional information.



Matthew Rainville, C.E.T.



Shaun Pelkey, M.Sc.E., P.Eng.

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