

APPENDIX E.10
2017 FRESHET MONITORING REPORTS

APPENDIX E.10.1
2017 FRESHET MONITORING REPORT NO. 1
(Part 1)



Freshet 2017
Biweekly Report No. 1

June 15, 2017

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1. Introduction

Surface water management during freshet remains a challenge for the Mary River Project. Baffinland Iron Mines Corporation (Baffinland) is committed to implementing effective control measures that improve the water quality of surface water drainage around Project sites. This report is the first bi-weekly report for freshet 2017. The purpose of this report is to document the water quality of water bodies and surface water drainages near Project infrastructure and summarize the corrective actions implemented to address sediment releases and other areas of concern identified during freshet 2017.

2. Pre-Freshet Planning and Mitigation

2.1. Dust and Sedimentation Mitigation Action Plans

In September 2016, the Dust and Sedimentation Mitigation Action Plans were developed to address concerns identified at the Mary River Project in 2016. Dust and sedimentation control measures outlined in the action plans included culvert replacement and extension, armouring of surface water management infrastructure, use of dust suppressants, road resurfacing and snow management. To ensure advancement of the proposed control measures, biweekly meetings involving departmental managers and superintendents have been held since September 2016 and are currently ongoing. The control measures completed to date under the action plans are as follows:

Project Site	Corrective Action/Control Measure
All Sites	
Sedimentation Mitigation Action Plan	Implementation of revised snow management plans
	Procured 6-way snow plow blades
Mine Site	
Sedimentation Mitigation Action Plan	Designed potential sedimentation pond downstream of crusher pad as a contingency measure ¹
	Replacement and extension of culvert CV-187 (Sheardown Lake Tributary) ¹
	Developed strategy to manage flows on running surface of the Mine Haul Road ¹
	Resurfacing of Mine Haul Road at km 104, 106.5 and 109.5 ¹
	Construction of check dams in ditch along Camp Lake Water Jetty Access Road (additional upgrades to check dams ongoing)
	Armouring of swale at km 100 leading to culvert BG-01
Dust Mitigation Action Plan	Snow fence trial downwind of crusher pad
	Engineering planning for bellows at crusher stockpile conveyor heads
	Engineering and installation of shrouding at crusher surge bins on Crushers A, B and C (after jaw crushers)
Tote Road	
Sedimentation Mitigation Action Plan	Replacement and extension of culvert CV-104 (Km 34) ¹
	Signage/flagging posted at all fisheries culverts (ongoing)
	Development of the Tote Road Earthworks Execution Plan (implementation of the plan is ongoing) and general Tote Road maintenance. ¹
	Removal sediment/dust-impacted snow from river ice surface (beneath bridges).

Project Site	Corrective Action/Control Measure
Milne Port	
	Removal of dust impacted snow along beach downwind of ore pad.
	Snow fence trial downwind of ore pad.

¹Engineering support provided by Golder Associates

In addition, Baffinland has heavily invested in increasing the labour force of the Road Maintenance Department to expedite the implementation of the Tote Road Earthworks Execution Plan (TREETP). The TREETP includes, culvert replacement and extension, armouring of road embankments and road resurfacing and grading. The implementation of the TREETP will occur over several construction seasons and is expected to improve the surface water drainage of Tote Road significantly. To mitigate potential sedimentation concerns during construction, the majority of in-water work (i.e. culvert replacement) is planned to occur during winter months (frozen conditions).

2.2. Pre-Freshet Planning

Other measures completed prior to freshet 2017 included a comprehensive program of freshet preparation that included the following components:

- Weekly freshet preparation meetings, beginning in February. The meetings are attended by key site managers and superintendents. Meetings were well documented and action items were routinely distributed to all participants for advancement. These weekly meetings are ongoing.
- The assignment of adequate resources at site to the freshet preparation and management effort including production of rip rap using production crushers, haul trucks, excavators, loaders and steamers.
- The procurement of adequate supply of equipment and supplies to support freshet preparation and response activities. These included the purchase of adequate quantities and types of pumps, hoses, steam jetties, silt fences, silt curtains, and spring berms.
- Development of a list of high priority stream crossings along the Tote Road that required early snow excavation and culvert clearing. The stream crossings were prioritized based on fisheries considerations and flows (high or low flow).
- The procurement and assignment of contracted labour for the purpose of culvert clearing and snow removal activities.
- The development of a modified ore haul plan that allows for periodic Tote Road shutdown during periods of poor road conditions.

2.3. Monitoring Programs

A monthly fugitive dust monitoring and analytical program is undertaken throughout the year, including the winter season, to track the levels of dust that are deposited at various distances from mining operations. These measurements are an objective means of understanding the levels of dust that are generated from source and transported across site that can become entrained in snow deposits. The dust that becomes entrained in snow can potentially be transported during freshet and this can potentially affect adjacent lakes and streams. The dust monitoring program provides the means to measure changes in potential dust deposition in snow pack.

The Aquatic Effects Monitoring Program (AEMP) is conducted annually to identify potential changes to water quality, benthic communities, sediment and fish in downstream water bodies near the Mine Site. The results of the programs during 2017 will identify whether there are any changes to water quality that can be attributed to the specific sediment releases that were reported during freshet 2017.

The Surveillance Network Program (SNP) is conducted annually during periods of flow from Project Site drainage and water and waste retention structures. This program, in tandem with the AEMP, is intended to protect, inform and quantify potential effects of Project operations on receiving water bodies located near the Project.

3. Sediment Releases

A number of unauthorized releases of sediment were reported to Environment and Climate Change Canada, Indigenous and Northern Affairs Canada, and the NT-NU Spill Line during the month of May 2017. These included the Spill Report numbers 17-161, 17-162, and 17-178. A copy of the original Spill Reports are provided in Appendix A. Immediate and follow up corrective actions undertaken to address the sediment releases are discussed in detail in Section 6 and Appendix C.

4. Natural Sedimentation

Significant natural sedimentation events in the Mary Lake system and Phillips Creek were documented in 2016 and included in Baffinland's 2016 QIA and NWB Annual Report for Operations. Water quality monitoring of affected water bodies during these events identified TSS concentrations as high as 600 mg/L. Baffinland will continue to monitor water bodies upstream and downstream of Project infrastructure to better characterize natural sedimentation events in the North Baffin region. No significant natural sedimentation events have been documented during the initial stages of freshet in 2017.

5. Water Quality and Acute Toxicity Sampling Results for Areas of Concern

Spill Reports for sediment releases are provided in Appendix A. Potential receivers for the sediment releases included Sheardown Lake, Sheardown Lake Tributaries, Camp Lake, Camp Lake Tributaries and Milne Inlet.

Available water quality and acute toxicity results for each sediment release are provided in Appendix B. GPS coordinates and maps are also provided in Appendix B to show approximate sample locations.

Water quality data for Camp Lake and Sheardown Lake systems have been compared to the Effluent Quality Discharge Limits for Contact Water (Table 11) provided in Baffinland's Type "A" Water Licence No. 2AM-MRY1325, which are summarized in the table below:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of any Grab Sample (mg/L)
Total Suspended Solids (TSS)	15	30
Oil and Grease	No Visible Sheen	No Visible Sheen
pH	Between 6.0 and 9.5	Between 6.0 and 9.5

In addition, water quality data for surface water located near areas under construction will be compared to the Effluent Quality Limits for Surface Runoff during Construction Phase (Table 1) provided in Baffinland's Type "A" Water Licence No. 2AM-MRY1325, which are summarized in the table below:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of any Grab Sample (mg/L)
Total Suspended Solids (TSS)	50	100
Oil and Grease	No Visible Sheen	No Visible Sheen
pH	Between 6.0 and 9.5	Between 6.0 and 9.5

Moreover, water quality data for the overflow at the Milne Port Ore Pad East Sedimentation Pond (MP-05) has been compared to Effluent Quality Discharge Limits for Open Pit, Stockpiles and Sedimentation Ponds provided in Baffinland's Type "A" Water Licence No. 2AM-MRY1325, which are summarized below:

Parameter	Maximum Concentration of any Grab Sample (mg/L)
Total Arsenic	0.50
Total Copper	0.30
Total Lead	0.20
Total Nickel	0.50
Total Zinc	0.50
Total Suspended Solids (TSS)	15
Oil and Grease	No Visible Sheen
Toxicity	Not Acutely Toxic

Water sampling will continue on a daily basis at Camp Lake and Sheardown Lake monitoring stations identified in Appendix B until the completion of freshet. With exception of CLSP-OUT, current water sampling results indicate that the mitigation measures implemented to date have been effective in returning TSS levels at Camp Lake and Sheardown Lake monitoring stations to normal levels (below 15 mg/L). To address the intermittent elevated TSS levels flowing out of Camp Lake sedimentation ponds (CLSP-OUT), additional sedimentation control measures including, a silt curtain and additional silt fences, were installed on June 11 at the CLSP-OUT Camp Lake outfall. A summary of the TSS levels at the key monitoring locations is provided below with the full data set provided in Appendix B.2.

Sample Date	Sheardown Lake System		Camp Lake System	
	SDLT-OUT (TSS mg/L)	LDFG-OUT (TSS mg/L)	CLT-OUT (TSS mg/L)	CLSP-OUT (TSS mg/L)
11 May 17	326	-	-	-
12-May-17	73.6	-	-	-
13-May-17	93	-	373	-
14-May-17	41.2	-	57.2	-
15-May-17	59.3	-	563	-
16-May-17	60.6	-	275	-
17-May-17	-	-	-	-
18-May-17	-	-	178	-
19-May-17	-	-	189	-
20-May-17	-	-	-	-
21-May-17	-	-	-	-
22-May-17	-	-	-	-
23-May-17	30.5	6	107	-
24-May-17	119	6.4	463	773
25-May-17	28.8	8	30.4	787
26-May-17	22	2.4	26.8	78
27-May-17	11.6	5.6	14	11.6
28-May-17	4.4	2	6	19.2
29-May-17	3.6	2.4	3.2	69.6
30-May-17	6.8	6.8	7.2	169
31-May-17	2.4	<2.0	14	30.8
1-Jun-17	2.4	9.2	26.4	49.6
2-Jun-17	12.4	6	22.4	66.4
3-Jun-17	14.4	6	10.4	-
4-Jun-17	5.6	4.8	6.4	22
5-Jun-17	8.4	2	8.4	194

Sample Date	Sheardown Lake System		Camp Lake System	
	SDLT-OUT (TSS mg/L)	LDFG-OUT (TSS mg/L)	CLT-OUT (TSS mg/L)	CLSP-OUT (TSS mg/L)
6-Jun-17	8.4	8	14	83.3
7-Jun-17	5.6	4	4.8	24.8
8-Jun-17	2	<2.0	2	21.6
9-Jun-17	6.4	<2.0	6	9.6
10-Jun-17	4	<2.0	4.4	18.8
11-June-17	6.8	5.6	10.8	104

Controlled emergency discharges from the Milne Port Ore Pad East Sedimentation Pond (MP-05) continue to occur on an as required basis with the last discharge occurring on June 7. The current estimated total volume discharged to Milne Inlet from MP-05 is 19,000 m³. Current water quality data for discharges from MP-05 is provided in Appendix B.2.

Acute toxicity samples were taken to assess the potential impact to fish from the sediment releases. The data is provided in Appendix B.3 and indicates that all samples have had 0% mortality for both *Daphnia magna* and Rainbow Trout.

Additional water quality data, including laboratory results that are in progress for this reporting period, will be included in future bi-weekly update reports.

6. Corrective Measures for Reported Spills and Other Concerns

A number of immediate actions were undertaken to address the sediment releases to water bodies that were documented in the Spill Reports submitted to authorities. These actions were completed in accordance with the current Surface Water and Aquatic Systems Management Plan and included a combination of the following control measures:

- Silt fence and spring berm installation
- Check dam construction and operation.
- Armouring of ditches, banks, swales and road embankments near water bodies
- Redirection of sediment / turbid waters away from fish habitat by means of ditches, swales, and active pumping.

A detailed list of actions taken to date, photos, and supplementary materials for each reported spill is provided in Appendix C.

Appendix C.1: Spill Report 17-161 - Sheardown Lake and Sheardown Lake Tributaries.

Appendix C.2: Spill Report 17-162 - Camp Lake and Camp Lake Tributaries

Appendix C.3: Spill Report 17-178 – Milne Inlet (Sedimentation Pond Overflow)

APPENDIX A

NT-NU Spill Reports



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130

FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME		☐ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER _____
	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION ☐ NWT ☐ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC			SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN		FILE STATUS ☐ OPEN ☐ CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					



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C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION ☐ NWT ☐ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE	
	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE	

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
		STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC			SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN		FILE STATUS ☐ OPEN ☐ CLOSED
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY					
FIRST SUPPORT AGENCY					
SECOND SUPPORT AGENCY					
THIRD SUPPORT AGENCY					



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	OCCURRENCE DATE: MONTH – DAY – YEAR		OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE)		
	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION				REGION ☐ NWT ☐ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE			LONGITUDE		
	DEGREES	MINUTES	SECONDS	DEGREES	MINUTES	SECONDS
F	RESPONSIBLE PARTY OR VESSEL NAME		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
I	SPILL SOURCE		SPILL CAUSE		AREA OF CONTAMINATION IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY		DESCRIBE ANY ASSISTANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS					
L	REPORTED TO SPILL LINE BY		POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE
	ANY ALTERNATE CONTACT		POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY		POSITION	EMPLOYER	LOCATION CALLED	REPORT LINE NUMBER
			STATION OPERATOR		YELLOWKNIFE, NT	(867) 920-8130
LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC				SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN		FILE STATUS ☐ OPEN ☐ CLOSED
AGENCY		CONTACT NAME		CONTACT TIME	REMARKS	
LEAD AGENCY						
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						

APPENDIX B

Surface Water Quality and Acute Toxicity Results for Affected Areas

APPENDIX B.1

Sample IDs and Locations

Table B.1.1 - Sample IDs and Locations

Sample Location	Description	Coordinates (Lat/Long)
CLSP-OUT	Camp Lake Sedimentation Pond Outlet	N 71° 19' 42.2" W 79° 22' 55.4"
CLT-OUT	Camp Lake Tributary # 1 (100 m upstream of Camp Lake Outfall)	N 71° 19' 46.8" W 79° 23' 08.6"
SDLT-OUT	Sheardown Lake Tributary (100 m upstream of Sheardown Lake Outfall)	N 71° 18' 57.6" W 79° 18' 46.8"
LDFG-OUT	Landfill Gate Tributary (40 m upstream of Sheardown Lake Outfall)	N 71° 18' 41.0" W 79° 17' 40.6"
MP-05	Milne Port Ore Pad East Sedimentation Pond	N 71° 53' 15" W 80° 54' 00"

APPENDIX B.2

Water Quality Results

Table B.2.1 - Surface Water Quality for Sheardown Lake Tributaries

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1925884-1	SDLT-OUT	11-May-17	pH	7.2	pH units	ALS
L1925884-1	SDLT-OUT	11-May-17	Total Suspended Solids	326	mg/L	ALS
L1925884-1	SDLT-OUT	11-May-17	Total Dissolved Solids	90	mg/L	ALS
L1925884-1	SDLT-OUT	11-May-17	Turbidity	232	NTU	ALS
L1925884-2	SDLT-OUT	12-May-17	pH	7.53	pH units	ALS
L1925884-2	SDLT-OUT	12-May-17	Total Suspended Solids	73.6	mg/L	ALS
L1925884-2	SDLT-OUT	12-May-17	Total Dissolved Solids	120	mg/L	ALS
L1925884-2	SDLT-OUT	12-May-17	Turbidity	134	NTU	ALS
L1925953-2	SDLT-OUT	13-May-17	pH	7.58	pH units	ALS
L1925953-2	SDLT-OUT	13-May-17	Total Suspended Solids	93	mg/L	ALS
L1925953-2	SDLT-OUT	13-May-17	Total Dissolved Solids	105	mg/L	ALS
L1925953-2	SDLT-OUT	13-May-17	Turbidity	191	NTU	ALS
L1925975-2	SDLT-OUT	14-May-17	pH	7.61	pH units	ALS
L1925975-2	SDLT-OUT	14-May-17	Total Suspended Solids	41.2	mg/L	ALS
L1925975-2	SDLT-OUT	14-May-17	Total Dissolved Solids	100	mg/L	ALS
L1925975-2	SDLT-OUT	14-May-17	Turbidity	98.1	NTU	ALS
L1926436-2	SDLT-OUT	15-May-17	pH	7.75	pH units	ALS
L1926436-2	SDLT-OUT	15-May-17	Total Suspended Solids	59.3	mg/L	ALS
L1926436-2	SDLT-OUT	15-May-17	Total Dissolved Solids	135	mg/L	ALS
L1926436-2	SDLT-OUT	15-May-17	Turbidity	118	NTU	ALS
L1927999-1	SDLT-OUT	16-May-17	Conductivity	112	uS/cm	ALS
L1927999-1	SDLT-OUT	16-May-17	Hardness (as CaCO3)	44	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	pH	7.78	pH units	ALS
L1927999-1	SDLT-OUT	16-May-17	Total Suspended Solids	60.6	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Total Dissolved Solids	88	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Turbidity	174	NTU	ALS
L1927999-1	SDLT-OUT	16-May-17	Alkalinity, Total (as CaCO3)	29	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Ammonia, Total (as N)	0.054	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Chloride (Cl)	2.43	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Fluoride (F)	<0.020	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Nitrate (as N)	0.24	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Total Kjeldahl Nitrogen	0.51	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Phosphorus, Total	0.227	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Sulfate (SO4)	16.7	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Dissolved Organic Carbon	3.3	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Total Organic Carbon	4.9	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Aluminum (Al)-Total	5.13	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Arsenic (As)-Total	<0.0010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Cadmium (Cd)-Total	<0.00010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Calcium (Ca)-Total	8.8	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Copper (Cu)-Total	0.016	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Iron (Fe)-Total	6.71	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Lead (Pb)-Total	0.0129	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Magnesium (Mg)-Total	9.65	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Manganese (Mn)-Total	0.175	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Mercury (Hg)-Total	<0.000010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Molybdenum (Mo)-Total	0.004	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Nickel (Ni)-Total	0.0085	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Potassium (K)-Total	5.15	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Selenium (Se)-Total	<0.00050	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Sodium (Na)-Total	<5.0	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Thallium (Tl)-Total	<0.00010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Uranium (U)-Total	0.00223	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Zinc (Zn)-Total	<0.030	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Aluminum (Al)-Dissolved	0.0893	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Arsenic (As)-Dissolved	<0.00010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Cadmium (Cd)-Dissolved	0.000015	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Calcium (Ca)-Dissolved	7.91	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Copper (Cu)-Dissolved	0.00142	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1927999-1	SDLT-OUT	16-May-17	Iron (Fe)-Dissolved	0.054	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Lead (Pb)-Dissolved	0.000177	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Magnesium (Mg)-Dissolved	5.96	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Manganese (Mn)-Dissolved	0.0173	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Mercury (Hg)-Dissolved	<0.000010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Molybdenum (Mo)-Dissolved	0.00394	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Nickel (Ni)-Dissolved	0.00073	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Potassium (K)-Dissolved	3.29	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Selenium (Se)-Dissolved	0.000072	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Sodium (Na)-Dissolved	1.33	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Thallium (Tl)-Dissolved	<0.000010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Uranium (U)-Dissolved	0.000506	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Zinc (Zn)-Dissolved	<0.0010	mg/L	ALS
L1927999-1	SDLT-OUT	16-May-17	Oil and Grease, Total ¹	17.2	mg/L	ALS
L1930053-2	SDLT-OUT	23-May-17	pH	7.53	pH units	ALS
L1930053-2	SDLT-OUT	23-May-17	Total Suspended Solids	30.5	mg/L	ALS
L1930053-2	SDLT-OUT	23-May-17	Total Dissolved Solids	75	mg/L	ALS
L1930053-2	SDLT-OUT	23-May-17	Turbidity	71.3	NTU	ALS
L1930053-3	LDFG-OUT	23-May-17	pH	7.17	pH units	ALS
L1930053-3	LDFG-OUT	23-May-17	Total Suspended Solids	6.0	mg/L	ALS
L1930053-3	LDFG-OUT	23-May-17	Total Dissolved Solids	45	mg/L	ALS
L1930053-3	LDFG-OUT	23-May-17	Turbidity	18.5	NTU	ALS
L1931069-1	LDFG-OUT	24-May-17	pH	7.37	pH units	ALS
L1931069-1	LDFG-OUT	24-May-17	Total Suspended Solids	6.4	mg/L	ALS
L1931069-1	LDFG-OUT	24-May-17	Total Dissolved Solids	35	mg/L	ALS
L1931069-1	LDFG-OUT	24-May-17	Turbidity	14.4	NTU	ALS
L1931069-4	SDLT-OUT	24-May-17	pH	7.43	pH units	ALS
L1931069-4	SDLT-OUT	24-May-17	Total Suspended Solids	119	mg/L	ALS
L1931069-4	SDLT-OUT	24-May-17	Total Dissolved Solids	24	mg/L	ALS
L1931069-4	SDLT-OUT	24-May-17	Turbidity	83.6	NTU	ALS
L1931870 -1	LDFG-OUT	25-May-17	pH	7.39	pH units	ALS
L1931870 -1	LDFG-OUT	25-May-17	Total Suspended Solids	8	mg/L	ALS
L1931870 -1	LDFG-OUT	25-May-17	Total Dissolved Solids	50	mg/L	ALS
L1931870 -1	LDFG-OUT	25-May-17	Turbidity	20.8	NTU	ALS
L1931870 -4	SDLT-OUT	25-May-17	pH	7.4	pH units	ALS
L1931870 -4	SDLT-OUT	25-May-17	Total Suspended Solids	28.8	mg/L	ALS
L1931870 -4	SDLT-OUT	25-May-17	Total Dissolved Solids	57	mg/L	ALS
L1931870 -4	SDLT-OUT	25-May-17	Turbidity	32	NTU	ALS
L1932463 -1	LDFG-OUT	26-May-17	pH	7.28	pH units	ALS
L1932463 -1	LDFG-OUT	26-May-17	Total Suspended Solids	2.4	mg/L	ALS
L1932463 -1	LDFG-OUT	26-May-17	Total Dissolved Solids	30	mg/L	ALS
L1932463 -1	LDFG-OUT	26-May-17	Turbidity	15.3	NTU	ALS
L1932463 -4	SDLT-OUT	26-May-17	pH	7.31	pH units	ALS
L1932463 -4	SDLT-OUT	26-May-17	Total Suspended Solids	22	mg/L	ALS
L1932463 -4	SDLT-OUT	26-May-17	Total Dissolved Solids	<20	mg/L	ALS
L1932463 -4	SDLT-OUT	26-May-17	Turbidity	24.3	NTU	ALS
L1932521-1	LDFG-OUT	27-May-17	pH	7.36	pH units	ALS
L1932521-1	LDFG-OUT	27-May-17	Total Suspended Solids	5.6	mg/L	ALS
L1932521-1	LDFG-OUT	27-May-17	Total Dissolved Solids	33	mg/L	ALS
L1932521-1	LDFG-OUT	27-May-17	Turbidity	17.5	NTU	ALS
L1932521-4	SDLT-OUT	27-May-17	pH	7.56	pH units	ALS
L1932521-4	SDLT-OUT	27-May-17	Total Suspended Solids	11.6	mg/L	ALS
L1932521-4	SDLT-OUT	27-May-17	Total Dissolved Solids	52	mg/L	ALS
L1932521-4	SDLT-OUT	27-May-17	Turbidity	19.3	NTU	ALS
L1932828-1	LDFG-OUT	28-May-17	pH	7.41	pH units	ALS
L1932828-1	LDFG-OUT	28-May-17	Total Suspended Solids	2	mg/L	ALS
L1932828-1	LDFG-OUT	28-May-17	Total Dissolved Solids	71	mg/L	ALS
L1932828-1	LDFG-OUT	28-May-17	Turbidity	14	NTU	ALS
L1932828-4	SDLT-OUT	28-May-17	pH	7.59	pH units	ALS
L1932828-4	SDLT-OUT	28-May-17	Total Suspended Solids	4.4	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1932828-4	SDLT-OUT	28-May-17	Total Dissolved Solids	122	mg/L	ALS
L1932828-4	SDLT-OUT	28-May-17	Turbidity	15.2	NTU	ALS
L1933090-1	LDFG-OUT	29-May-17	pH	7.44	pH units	ALS
L1933090-1	LDFG-OUT	29-May-17	Total Suspended Solids	2.4	mg/L	ALS
L1933090-1	LDFG-OUT	29-May-17	Total Dissolved Solids	25	mg/L	ALS
L1933090-1	LDFG-OUT	29-May-17	Turbidity	9.85	NTU	ALS
L1933090-4	SDLT-OUT	29-May-17	pH	7.53	pH units	ALS
L1933090-4	SDLT-OUT	29-May-17	Total Suspended Solids	3.6	mg/L	ALS
L1933090-4	SDLT-OUT	29-May-17	Total Dissolved Solids	20	mg/L	ALS
L1933090-4	SDLT-OUT	29-May-17	Turbidity	9.6	NTU	ALS
L1933822-1	LDFG-OUT	30-May-17	pH	7.37	pH units	ALS
L1933822-1	LDFG-OUT	30-May-17	Total Suspended Solids	6.8	mg/L	ALS
L1933822-1	LDFG-OUT	30-May-17	Total Dissolved Solids	<20	mg/L	ALS
L1933822-1	LDFG-OUT	30-May-17	Turbidity	26.4	NTU	ALS
L1933822-4	SDLT-OUT	30-May-17	pH	7.53	pH units	ALS
L1933822-4	SDLT-OUT	30-May-17	Total Suspended Solids	2.4	mg/L	ALS
L1933822-4	SDLT-OUT	30-May-17	Total Dissolved Solids	70	mg/L	ALS
L1933822-4	SDLT-OUT	30-May-17	Turbidity	8.83	NTU	ALS
L1935117-4	SDLT-OUT	31-May-17	pH	7.61	pH units	ALS
L1935117-4	SDLT-OUT	31-May-17	Total Suspended Solids	2.4	mg/L	ALS
L1935117-4	SDLT-OUT	31-May-17	Total Dissolved Solids	110	mg/L	ALS
L1935117-4	SDLT-OUT	31-May-17	Turbidity	8.99	NTU	ALS
L1935117-1	LDFG-OUT	31-May-17	pH	7.45	pH units	ALS
L1935117-1	LDFG-OUT	31-May-17	Total Suspended Solids	<2.0	mg/L	ALS
L1935117-1	LDFG-OUT	31-May-17	Total Dissolved Solids	50	mg/L	ALS
L1935117-1	LDFG-OUT	31-May-17	Turbidity	7.4	NTU	ALS
L1935148-4	LDFG-OUT	1-Jun-17	pH	7.51	pH units	ALS
L1935148-4	LDFG-OUT	1-Jun-17	Total Suspended Solids	9.2	mg/L	ALS
L1935148-4	LDFG-OUT	1-Jun-17	Total Dissolved Solids	80	mg/L	ALS
L1935148-4	LDFG-OUT	1-Jun-17	Turbidity	18.3	NTU	ALS
L1935148-1	SDLT-OUT	1-Jun-17	pH	7.36	pH units	ALS
L1935148-1	SDLT-OUT	1-Jun-17	Total Suspended Solids	2.4	mg/L	ALS
L1935148-1	SDLT-OUT	1-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1935148-1	SDLT-OUT	1-Jun-17	Turbidity	12.4	NTU	ALS
L1935911-9	LDFG-OUT	2-Jun-17	pH	7.47	pH units	ALS
L1935911-9	LDFG-OUT	2-Jun-17	Total Suspended Solids	6	mg/L	ALS
L1935911-9	LDFG-OUT	2-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1935911-9	LDFG-OUT	2-Jun-17	Turbidity	43.8	NTU	ALS
L1935911-5	SDLT-OUT	2-Jun-17	pH	7.61	pH units	ALS
L1935911-5	SDLT-OUT	2-Jun-17	Total Suspended Solids	12.4	mg/L	ALS
L1935911-5	SDLT-OUT	2-Jun-17	Total Dissolved Solids	65	mg/L	ALS
L1935911-5	SDLT-OUT	2-Jun-17	Turbidity	21.3	NTU	ALS
L1936153-8	LDFG-OUT	3-Jun-17	pH	7.51	pH units	ALS
L1936153-8	LDFG-OUT	3-Jun-17	Total Suspended Solids	6	mg/L	ALS
L1936153-8	LDFG-OUT	3-Jun-17	Total Dissolved Solids	40	mg/L	ALS
L1936153-8	LDFG-OUT	3-Jun-17	Turbidity	19.2	NTU	ALS
L1936153-4	SDLT-OUT	3-Jun-17	pH	7.57	pH units	ALS
L1936153-4	SDLT-OUT	3-Jun-17	Total Suspended Solids	14.4	mg/L	ALS
L1936153-4	SDLT-OUT	3-Jun-17	Total Dissolved Solids	55	mg/L	ALS
L1936153-4	SDLT-OUT	3-Jun-17	Turbidity	21.6	NTU	ALS
L1937408-5	LDFG-OUT	4-Jun-17	pH	7.59	pH units	ALS
L1937408-5	LDFG-OUT	4-Jun-17	Total Suspended Solids	4.8	mg/L	ALS
L1937408-5	LDFG-OUT	4-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1937408-5	LDFG-OUT	4-Jun-17	Turbidity	17.7	NTU	ALS
L1937408-1	SDLT-OUT	4-Jun-17	pH	7.54	pH units	ALS
L1937408-1	SDLT-OUT	4-Jun-17	Total Suspended Solids	5.6	mg/L	ALS
L1937408-1	SDLT-OUT	4-Jun-17	Total Dissolved Solids	60	mg/L	ALS
L1937408-1	SDLT-OUT	4-Jun-17	Turbidity	11.5	NTU	ALS
L1937423-5	LDFG-OUT	5-Jun-17	pH	7.62	pH units	ALS
L1937423-5	LDFG-OUT	5-Jun-17	Total Suspended Solids	2	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1937423-5	LDFG-OUT	5-Jun-17	Total Dissolved Solids	45	mg/L	ALS
L1937423-5	LDFG-OUT	5-Jun-17	Turbidity	15	NTU	ALS
L1937423-1	SDLT-OUT	5-Jun-17	pH	7.63	pH units	ALS
L1937423-1	SDLT-OUT	5-Jun-17	Total Suspended Solids	8.4	mg/L	ALS
L1937423-1	SDLT-OUT	5-Jun-17	Total Dissolved Solids	75	mg/L	ALS
L1937423-1	SDLT-OUT	5-Jun-17	Turbidity	14.1	NTU	ALS
L1937661-5	LDFG-OUT	6-Jun-17	pH	7.63	pH units	ALS
L1937661-5	LDFG-OUT	6-Jun-17	Total Suspended Solids	8	mg/L	ALS
L1937661-5	LDFG-OUT	6-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1937661-5	LDFG-OUT	6-Jun-17	Turbidity	54.2	NTU	ALS
L1937661-1	SDLT-OUT	6-Jun-17	pH	7.61	pH units	ALS
L1937661-1	SDLT-OUT	6-Jun-17	Total Suspended Solids	8.4	mg/L	ALS
L1937661-1	SDLT-OUT	6-Jun-17	Total Dissolved Solids	65	mg/L	ALS
L1937661-1	SDLT-OUT	6-Jun-17	Turbidity	12.5	NTU	ALS
L1938556-5	LDFG-OUT	7-Jun-17	pH	7.67	pH units	ALS
L1938556-5	LDFG-OUT	7-Jun-17	Total Suspended Solids	4	mg/L	ALS
L1938556-5	LDFG-OUT	7-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1938556-5	LDFG-OUT	7-Jun-17	Turbidity	10.2	NTU	ALS
L1938556-1	SDLT-OUT	7-Jun-17	pH	7.63	pH units	ALS
L1938556-1	SDLT-OUT	7-Jun-17	Total Suspended Solids	5.6	mg/L	ALS
L1938556-1	SDLT-OUT	7-Jun-17	Total Dissolved Solids	45	mg/L	ALS
L1938556-1	SDLT-OUT	7-Jun-17	Turbidity	7.4	NTU	ALS
L1939257-5	LDFG-OUT	8-Jun-17	pH	7.69	pH units	ALS
L1939257-5	LDFG-OUT	8-Jun-17	Total Suspended Solids	<2.0	mg/L	ALS
L1939257-5	LDFG-OUT	8-Jun-17	Total Dissolved Solids	75	mg/L	ALS
L1939257-5	LDFG-OUT	8-Jun-17	Turbidity	9.43	NTU	ALS
L1939257-1	SDLT-OUT	8-Jun-17	pH	7.65	pH units	ALS
L1939257-1	SDLT-OUT	8-Jun-17	Total Suspended Solids	2	mg/L	ALS
L1939257-1	SDLT-OUT	8-Jun-17	Total Dissolved Solids	60	mg/L	ALS
L1939257-1	SDLT-OUT	8-Jun-17	Turbidity	5.43	NTU	ALS
L1940018-5	LDFG-OUT	9-Jun-17	pH	7.68	pH units	ALS
L1940018-5	LDFG-OUT	9-Jun-17	Total Suspended Solids	<2.0	mg/L	ALS
L1940018-5	LDFG-OUT	9-Jun-17	Total Dissolved Solids	35	mg/L	ALS
L1940018-5	LDFG-OUT	9-Jun-17	Turbidity	11.2	NTU	ALS
L1940018-1	SDLT-OUT	9-Jun-17	pH	7.7	pH units	ALS
L1940018-1	SDLT-OUT	9-Jun-17	Total Suspended Solids	6.4	mg/L	ALS
L1940018-1	SDLT-OUT	9-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1940018-1	SDLT-OUT	9-Jun-17	Turbidity	12.4	NTU	ALS
L1940020-1	LDFG-OUT	10-Jun-17	pH	7.72	pH units	ALS
L1940020-1	LDFG-OUT	10-Jun-17	Total Suspended Solids	<2.0	mg/L	ALS
L1940020-1	LDFG-OUT	10-Jun-17	Total Dissolved Solids	40	mg/L	ALS
L1940020-1	LDFG-OUT	10-Jun-17	Turbidity	14.2	NTU	ALS
L1940020-2	SDLT-OUT	10-Jun-17	pH	7.71	pH units	ALS
L1940020-2	SDLT-OUT	10-Jun-17	Total Suspended Solids	4	mg/L	ALS
L1940020-2	SDLT-OUT	10-Jun-17	Total Dissolved Solids	70	mg/L	ALS
L1940020-2	SDLT-OUT	10-Jun-17	Turbidity	8.71	NTU	ALS
L1940022-1	LDFG-OUT	11-Jun-17	pH	7.75	pH units	ALS
L1940022-1	LDFG-OUT	11-Jun-17	Total Suspended Solids	5.6	mg/L	ALS
L1940022-1	LDFG-OUT	11-Jun-17	Total Dissolved Solids	45	mg/L	ALS
L1940022-1	LDFG-OUT	11-Jun-17	Turbidity	14.7	NTU	ALS
L1940022-2	SDLT-OUT	11-Jun-17	pH	7.74	pH units	ALS
L1940022-2	SDLT-OUT	11-Jun-17	Total Suspended Solids	6.8	mg/L	ALS
L1940022-2	SDLT-OUT	11-Jun-17	Total Dissolved Solids	70	mg/L	ALS
L1940022-2	SDLT-OUT	11-Jun-17	Turbidity	10	NTU	ALS
-	LDFG-OUT	12-Jun-17	pH	IP	pH units	ALS
-	LDFG-OUT	12-Jun-17	Total Suspended Solids	IP	mg/L	ALS
-	LDFG-OUT	12-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
-	LDFG-OUT	12-Jun-17	Turbidity	IP	NTU	ALS
-	SDLT-OUT	12-Jun-17	pH	IP	pH units	ALS
-	SDLT-OUT	12-Jun-17	Total Suspended Solids	IP	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
-	SDLT-OUT	12-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
-	SDLT-OUT	12-Jun-17	Turbidity	IP	NTU	ALS
L1940978-5	LDFG-OUT	13-Jun-17	pH	IP	pH units	ALS
L1940978-5	LDFG-OUT	13-Jun-17	Total Suspended Solids	IP	mg/L	ALS
L1940978-5	LDFG-OUT	13-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
L1940978-5	LDFG-OUT	13-Jun-17	Turbidity	IP	NTU	ALS
L1940978-4	SDLT-OUT	13-Jun-17	pH	IP	pH units	ALS
L1940978-4	SDLT-OUT	13-Jun-17	Total Suspended Solids	IP	mg/L	ALS
L1940978-4	SDLT-OUT	13-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
L1940978-4	SDLT-OUT	13-Jun-17	Turbidity	IP	NTU	ALS
-	LDFG-OUT	14-Jun-17	pH	-	pH units	ALS
-	LDFG-OUT	14-Jun-17	Total Suspended Solids	-	mg/L	ALS
-	LDFG-OUT	14-Jun-17	Total Dissolved Solids	-	mg/L	ALS
-	LDFG-OUT	14-Jun-17	Turbidity	-	NTU	ALS
-	SDLT-OUT	14-Jun-17	pH	-	pH units	ALS
-	SDLT-OUT	14-Jun-17	Total Suspended Solids	-	mg/L	ALS
-	SDLT-OUT	14-Jun-17	Total Dissolved Solids	-	mg/L	ALS
-	SDLT-OUT	14-Jun-17	Turbidity	-	NTU	ALS

Note:

IP - In Progress

No flows observed at SDLT-OUT and LDFG-OUT from May 17 to May 22 due to cool ambient temperatures.

Water sampling began at LDFG-OUT on May 23 following field observations of consistent flow at tributary.

¹No sheen observed during sampling. Possible explanations for elevated oil and grease value includes sampling error and/or localized contaminated runoff from nearby laydowns.

Table B.2.2 - Surface Water Quality for Camp Lake and Camp Lake Tributaries

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1925953-1	CLT-OUT	13-May-17	pH	7.52	pH units	ALS
L1925953-1	CLT-OUT	13-May-17	Total Suspended Solids	373	mg/L	ALS
L1925953-1	CLT-OUT	13-May-17	Total Dissolved Solids	65	mg/L	ALS
L1925953-1	CLT-OUT	13-May-17	Turbidity	91.2	NTU	ALS
L1925975-1	CLT-OUT	14-May-17	pH	7.51	pH units	ALS
L1925975-1	CLT-OUT	14-May-17	Total Suspended Solids	57.2	mg/L	ALS
L1925975-1	CLT-OUT	14-May-17	Total Dissolved Solids	50	mg/L	ALS
L1925975-1	CLT-OUT	14-May-17	Turbidity	55.4	NTU	ALS
L1926436-3	CLT-OUT	15-May-17	pH	7.6	pH units	ALS
L1926436-3	CLT-OUT	15-May-17	Total Suspended Solids	563	mg/L	ALS
L1926436-3	CLT-OUT	15-May-17	Total Dissolved Solids	90	mg/L	ALS
L1926436-3	CLT-OUT	15-May-17	Turbidity	208	NTU	ALS
L1927999-2	CLT-OUT	16-May-17	Conductivity	88.2	uS/cm	ALS
L1927999-2	CLT-OUT	16-May-17	Hardness (as CaCO3)	35	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	pH	7.7	pH units	ALS
L1927999-2	CLT-OUT	16-May-17	Total Suspended Solids	275	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Total Dissolved Solids	56	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Turbidity	146	NTU	ALS
L1927999-2	CLT-OUT	16-May-17	Alkalinity, Total (as CaCO3)	27	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Ammonia, Total (as N)	0.025	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Chloride (Cl)	5.24	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Fluoride (F)	<0.020	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Nitrate (as N)	0.139	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Total Kjeldahl Nitrogen	0.38	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Phosphorus, Total	0.189	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Sulfate (SO4)	5.66	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Dissolved Organic Carbon	4.7	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Total Organic Carbon	6.3	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Aluminum (Al)-Total	5.27	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Arsenic (As)-Total	<0.0010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Cadmium (Cd)-Total	<0.00010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Calcium (Ca)-Total	7.9	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Copper (Cu)-Total	0.012	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Iron (Fe)-Total	6.64	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Lead (Pb)-Total	0.0104	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Magnesium (Mg)-Total	8.71	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Manganese (Mn)-Total	0.167	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Mercury (Hg)-Total	<0.000010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Molybdenum (Mo)-Total	0.00189	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Nickel (Ni)-Total	0.0065	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Potassium (K)-Total	5.01	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Selenium (Se)-Total	<0.00050	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Sodium (Na)-Total	<5.0	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Thallium (Tl)-Total	0.00011	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Uranium (U)-Total	0.00197	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Zinc (Zn)-Total	<0.030	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Aluminum (Al)-Dissolved	0.0225	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Arsenic (As)-Dissolved	<0.00010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Cadmium (Cd)-Dissolved	0.000019	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Calcium (Ca)-Dissolved	6.63	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Copper (Cu)-Dissolved	0.00116	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Iron (Fe)-Dissolved	0.031	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Lead (Pb)-Dissolved	0.000163	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Magnesium (Mg)-Dissolved	4.54	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Manganese (Mn)-Dissolved	0.0363	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Mercury (Hg)-Dissolved	<0.000010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Molybdenum (Mo)-Dissolved	0.00122	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Nickel (Ni)-Dissolved	0.00069	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Potassium (K)-Dissolved	2.28	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1927999-2	CLT-OUT	16-May-17	Selenium (Se)-Dissolved	0.000064	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Sodium (Na)-Dissolved	1.43	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Thallium (Tl)-Dissolved	<0.000010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Uranium (U)-Dissolved	0.000708	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Zinc (Zn)-Dissolved	<0.0010	mg/L	ALS
L1927999-2	CLT-OUT	16-May-17	Oil and Grease, Total	<2.0	mg/L	ALS
L1928709-1	CLT-OUT	18-May-17	pH	7.50	pH units	ALS
L1928709-1	CLT-OUT	18-May-17	Total Suspended Solids	178	mg/L	ALS
L1928709-1	CLT-OUT	18-May-17	Total Dissolved Solids	75	mg/L	ALS
L1928709-1	CLT-OUT	18-May-17	Turbidity	51.2	NTU	ALS
L1929339-1	CLT-OUT	19-May-17	pH	7.64	pH units	ALS
L1929339-1	CLT-OUT	19-May-17	Total Suspended Solids	189	mg/L	ALS
L1929339-1	CLT-OUT	19-May-17	Total Dissolved Solids	86	mg/L	ALS
L1929339-1	CLT-OUT	19-May-17	Turbidity	65.7	NTU	ALS
L1930053-1	CLT-OUT	23-May-17	pH	7.68	pH units	ALS
L1930053-1	CLT-OUT	23-May-17	Total Suspended Solids	107	mg/L	ALS
L1930053-1	CLT-OUT	23-May-17	Total Dissolved Solids	75	mg/L	ALS
L1930053-1	CLT-OUT	23-May-17	Turbidity	33.1	NTU	ALS
L1931069-8	CLT-OUT	24-May-17	pH	7.84	pH units	ALS
L1931069-8	CLT-OUT	24-May-17	Total Suspended Solids	463	mg/L	ALS
L1931069-8	CLT-OUT	24-May-17	Total Dissolved Solids	40	mg/L	ALS
L1931069-8	CLT-OUT	24-May-17	Turbidity	133	NTU	ALS
L1931069-11	CLSP-OUT	24-May-17	pH	7.80	pH units	ALS
L1931069-11	CLSP-OUT	24-May-17	Total Suspended Solids	773	mg/L	ALS
L1931069-11	CLSP-OUT	24-May-17	Total Dissolved Solids	55	mg/L	ALS
L1931069-11	CLSP-OUT	24-May-17	Turbidity	737	NTU	ALS
L1931870 -8	CLT-OUT	25-May-17	pH	7.7	pH units	ALS
L1931870 -8	CLT-OUT	25-May-17	Total Suspended Solids	30.4	mg/L	ALS
L1931870 -8	CLT-OUT	25-May-17	Total Dissolved Solids	105	mg/L	ALS
L1931870 -8	CLT-OUT	25-May-17	Turbidity	34	NTU	ALS
L1931870 -11	CLSP-OUT	25-May-17	pH	7.79	pH units	ALS
L1931870 -11	CLSP-OUT	25-May-17	Total Suspended Solids	787	mg/L	ALS
L1931870 -11	CLSP-OUT	25-May-17	Total Dissolved Solids	119	mg/L	ALS
L1931870 -11	CLSP-OUT	25-May-17	Turbidity	1030	NTU	ALS
L1932463 -8	CLT-OUT	26-May-17	pH	7.59	pH units	ALS
L1932463 -8	CLT-OUT	26-May-17	Total Suspended Solids	26.8	mg/L	ALS
L1932463 -8	CLT-OUT	26-May-17	Total Dissolved Solids	60	mg/L	ALS
L1932463 -8	CLT-OUT	26-May-17	Turbidity	34.2	NTU	ALS
L1932463 -11	CLSP-OUT	26-May-17	pH	7.86	pH units	ALS
L1932463 -11	CLSP-OUT	26-May-17	Total Suspended Solids	78	mg/L	ALS
L1932463 -11	CLSP-OUT	26-May-17	Total Dissolved Solids	90	mg/L	ALS
L1932463 -11	CLSP-OUT	26-May-17	Turbidity	90.6	NTU	ALS
L1932521-8	CLT-OUT	27-May-17	pH	7.4	pH units	ALS
L1932521-8	CLT-OUT	27-May-17	Total Suspended Solids	14	mg/L	ALS
L1932521-8	CLT-OUT	27-May-17	Total Dissolved Solids	40	mg/L	ALS
L1932521-8	CLT-OUT	27-May-17	Turbidity	18.5	NTU	ALS
L1932521-11	CLSP-OUT	27-May-17	pH	7.86	pH units	ALS
L1932521-11	CLSP-OUT	27-May-17	Total Suspended Solids	11.6	mg/L	ALS
L1932521-11	CLSP-OUT	27-May-17	Total Dissolved Solids	105	mg/L	ALS
L1932521-11	CLSP-OUT	27-May-17	Turbidity	24.2	NTU	ALS
L1932828-8	CLT-OUT	28-May-17	pH	7.45	pH units	ALS
L1932828-8	CLT-OUT	28-May-17	Total Suspended Solids	6	mg/L	ALS
L1932828-8	CLT-OUT	28-May-17	Total Dissolved Solids	125	mg/L	ALS
L1932828-8	CLT-OUT	28-May-17	Turbidity	11.2	NTU	ALS
L1932828-11	CLSP-OUT	28-May-17	pH	7.8	pH units	ALS
L1932828-11	CLSP-OUT	28-May-17	Total Suspended Solids	19.2	mg/L	ALS
L1932828-11	CLSP-OUT	28-May-17	Total Dissolved Solids	157	mg/L	ALS
L1932828-11	CLSP-OUT	28-May-17	Turbidity	36.1	NTU	ALS
L1933090-8	CLT-OUT	29-May-17	pH	7.39	pH units	ALS
L1933090-8	CLT-OUT	29-May-17	Total Suspended Solids	3.2	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1933090-8	CLT-OUT	29-May-17	Total Dissolved Solids	<20	mg/L	ALS
L1933090-8	CLT-OUT	29-May-17	Turbidity	6.32	NTU	ALS
L1933090-11	CLSP-OUT	29-May-17	pH	7.84	pH units	ALS
L1933090-11	CLSP-OUT	29-May-17	Total Suspended Solids	69.6	mg/L	ALS
L1933090-11	CLSP-OUT	29-May-17	Total Dissolved Solids	50	mg/L	ALS
L1933090-11	CLSP-OUT	29-May-17	Turbidity	108	NTU	ALS
L1933822-8	CLT-OUT	30-May-17	pH	7.41	pH units	ALS
L1933822-8	CLT-OUT	30-May-17	Total Suspended Solids	7.2	mg/L	ALS
L1933822-8	CLT-OUT	30-May-17	Total Dissolved Solids	55	mg/L	ALS
L1933822-8	CLT-OUT	30-May-17	Turbidity	7.71	NTU	ALS
L1933822-11	CLSP-OUT	30-May-17	pH	7.8	pH units	ALS
L1933822-11	CLSP-OUT	30-May-17	Total Suspended Solids	169	mg/L	ALS
L1933822-11	CLSP-OUT	30-May-17	Total Dissolved Solids	185	mg/L	ALS
L1933822-11	CLSP-OUT	30-May-17	Turbidity	253	NTU	ALS
L1935117-8	CLT-OUT	31-May-17	pH	7.44	pH units	ALS
L1935117-8	CLT-OUT	31-May-17	Total Suspended Solids	14	mg/L	ALS
L1935117-8	CLT-OUT	31-May-17	Total Dissolved Solids	70	mg/L	ALS
L1935117-8	CLT-OUT	31-May-17	Turbidity	8.62	NTU	ALS
L1935117-11	CLSP-OUT	31-May-17	pH	7.87	pH units	ALS
L1935117-11	CLSP-OUT	31-May-17	Total Suspended Solids	30.8	mg/L	ALS
L1935117-11	CLSP-OUT	31-May-17	Total Dissolved Solids	165	mg/L	ALS
L1935117-11	CLSP-OUT	31-May-17	Turbidity	49.9	NTU	ALS
L1935148-8	CLT-OUT	1-Jun-17	pH	7.47	pH units	ALS
L1935148-8	CLT-OUT	1-Jun-17	Total Suspended Solids	26.4	mg/L	ALS
L1935148-8	CLT-OUT	1-Jun-17	Total Dissolved Solids	60	mg/L	ALS
L1935148-8	CLT-OUT	1-Jun-17	Turbidity	11	NTU	ALS
L1935148-11	CLSP-OUT	1-Jun-17	pH	7.55	pH units	ALS
L1935148-11	CLSP-OUT	1-Jun-17	Total Suspended Solids	49.6	mg/L	ALS
L1935148-11	CLSP-OUT	1-Jun-17	Total Dissolved Solids	125	mg/L	ALS
L1935148-11	CLSP-OUT	1-Jun-17	Turbidity	31.6	NTU	ALS
L1935911-2	CLT-OUT	2-Jun-17	pH	7.52	pH units	ALS
L1935911-2	CLT-OUT	2-Jun-17	Total Suspended Solids	22.4	mg/L	ALS
L1935911-2	CLT-OUT	2-Jun-17	Total Dissolved Solids	45	mg/L	ALS
L1935911-2	CLT-OUT	2-Jun-17	Turbidity	13.1	NTU	ALS
L1935911-1	CLSP-OUT	2-Jun-17	pH	7.58	pH units	ALS
L1935911-1	CLSP-OUT	2-Jun-17	Total Suspended Solids	66.4	mg/L	ALS
L1935911-1	CLSP-OUT	2-Jun-17	Total Dissolved Solids	105	mg/L	ALS
L1935911-1	CLSP-OUT	2-Jun-17	Turbidity	31.1	NTU	ALS
L1936153-1	CLT-OUT	3-Jun-17	pH	7.45	pH units	ALS
L1936153-1	CLT-OUT	3-Jun-17	Total Suspended Solids	10.4	mg/L	ALS
L1936153-1	CLT-OUT	3-Jun-17	Total Dissolved Solids	55	mg/L	ALS
L1936153-1	CLT-OUT	3-Jun-17	Turbidity	7.14	NTU	ALS
L1937408-3	CLT-OUT	4-Jun-17	pH	7.43	pH units	ALS
L1937408-3	CLT-OUT	4-Jun-17	Total Suspended Solids	6.4	mg/L	ALS
L1937408-3	CLT-OUT	4-Jun-17	Total Dissolved Solids	40	mg/L	ALS
L1937408-3	CLT-OUT	4-Jun-17	Turbidity	7.75	NTU	ALS
L1937408-4	CLSP-OUT	4-Jun-17	pH	7.84	pH units	ALS
L1937408-4	CLSP-OUT	4-Jun-17	Total Suspended Solids	22	mg/L	ALS
L1937408-4	CLSP-OUT	4-Jun-17	Total Dissolved Solids	130	mg/L	ALS
L1937408-4	CLSP-OUT	4-Jun-17	Turbidity	48.9	NTU	ALS
L1937423-3	CLT-OUT	5-Jun-17	pH	7.54	pH units	ALS
L1937423-3	CLT-OUT	5-Jun-17	Total Suspended Solids	8.4	mg/L	ALS
L1937423-3	CLT-OUT	5-Jun-17	Total Dissolved Solids	55	mg/L	ALS
L1937423-3	CLT-OUT	5-Jun-17	Turbidity	10.4	NTU	ALS
L1937423-4	CLSP-OUT	5-Jun-17	pH	7.77	pH units	ALS
L1937423-4	CLSP-OUT	5-Jun-17	Total Suspended Solids	194	mg/L	ALS
L1937423-4	CLSP-OUT	5-Jun-17	Total Dissolved Solids	215	mg/L	ALS
L1937423-4	CLSP-OUT	5-Jun-17	Turbidity	316	NTU	ALS
L1937661-3	CLT-OUT	6-Jun-17	pH	7.57	pH units	ALS
L1937661-3	CLT-OUT	6-Jun-17	Total Suspended Solids	14	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1937661-3	CLT-OUT	6-Jun-17	Total Dissolved Solids	40	mg/L	ALS
L1937661-3	CLT-OUT	6-Jun-17	Turbidity	10.9	NTU	ALS
L1937661-4	CLSP-OUT	6-Jun-17	pH	7.61	pH units	ALS
L1937661-4	CLSP-OUT	6-Jun-17	Total Suspended Solids	83.3	mg/L	ALS
L1937661-4	CLSP-OUT	6-Jun-17	Total Dissolved Solids	130	mg/L	ALS
L1937661-4	CLSP-OUT	6-Jun-17	Turbidity	129	NTU	ALS
L1938556-3	CLT-OUT	7-Jun-17	pH	7.56	pH units	ALS
L1938556-3	CLT-OUT	7-Jun-17	Total Suspended Solids	4.8	mg/L	ALS
L1938556-3	CLT-OUT	7-Jun-17	Total Dissolved Solids	50	mg/L	ALS
L1938556-3	CLT-OUT	7-Jun-17	Turbidity	7.93	NTU	ALS
L1938556-4	CLSP-OUT	7-Jun-17	pH	7.65	pH units	ALS
L1938556-4	CLSP-OUT	7-Jun-17	Total Suspended Solids	24.8	mg/L	ALS
L1938556-4	CLSP-OUT	7-Jun-17	Total Dissolved Solids	95	mg/L	ALS
L1938556-4	CLSP-OUT	7-Jun-17	Turbidity	13	NTU	ALS
L1939257-3	CLT-OUT	8-Jun-17	pH	7.56	pH units	ALS
L1939257-3	CLT-OUT	8-Jun-17	Total Suspended Solids	2	mg/L	ALS
L1939257-3	CLT-OUT	8-Jun-17	Total Dissolved Solids	35	mg/L	ALS
L1939257-3	CLT-OUT	8-Jun-17	Turbidity	3.65	NTU	ALS
L1939257-4	CLSP-OUT	8-Jun-17	pH	7.59	pH units	ALS
L1939257-4	CLSP-OUT	8-Jun-17	Total Suspended Solids	21.6	mg/L	ALS
L1939257-4	CLSP-OUT	8-Jun-17	Total Dissolved Solids	105	mg/L	ALS
L1939257-4	CLSP-OUT	8-Jun-17	Turbidity	14.5	NTU	ALS
L1940018-3	CLT-OUT	9-Jun-17	pH	7.58	pH units	ALS
L1940018-3	CLT-OUT	9-Jun-17	Total Suspended Solids	6	mg/L	ALS
L1940018-3	CLT-OUT	9-Jun-17	Total Dissolved Solids	<20	mg/L	ALS
L1940018-3	CLT-OUT	9-Jun-17	Turbidity	6.91	NTU	ALS
L1940018-4	CLSP-OUT	9-Jun-17	pH	7.51	pH units	ALS
L1940018-4	CLSP-OUT	9-Jun-17	Total Suspended Solids	9.6	mg/L	ALS
L1940018-4	CLSP-OUT	9-Jun-17	Total Dissolved Solids	85	mg/L	ALS
L1940018-4	CLSP-OUT	9-Jun-17	Turbidity	7.51	NTU	ALS
L1940020-4	CLT-OUT	10-Jun-17	pH	7.58	pH units	ALS
L1940020-4	CLT-OUT	10-Jun-17	Total Suspended Solids	4.4	mg/L	ALS
L1940020-4	CLT-OUT	10-Jun-17	Total Dissolved Solids	25	mg/L	ALS
L1940020-4	CLT-OUT	10-Jun-17	Turbidity	6.68	NTU	ALS
L1940020-5	CLSP-OUT	10-Jun-17	pH	7.46	pH units	ALS
L1940020-5	CLSP-OUT	10-Jun-17	Total Suspended Solids	18.8	mg/L	ALS
L1940020-5	CLSP-OUT	10-Jun-17	Total Dissolved Solids	85	mg/L	ALS
L1940020-5	CLSP-OUT	10-Jun-17	Turbidity	13	NTU	ALS
L1940022-5	CLT-OUT	11-Jun-17	pH	7.62	pH units	ALS
L1940022-5	CLT-OUT	11-Jun-17	Total Suspended Solids	10.8	mg/L	ALS
L1940022-5	CLT-OUT	11-Jun-17	Total Dissolved Solids	35	mg/L	ALS
L1940022-5	CLT-OUT	11-Jun-17	Turbidity	8.23	NTU	ALS
L1940022-4	CLSP-OUT	11-Jun-17	pH	7.45	pH units	ALS
L1940022-4	CLSP-OUT	11-Jun-17	Total Suspended Solids	104	mg/L	ALS
L1940022-4	CLSP-OUT	11-Jun-17	Total Dissolved Solids	110	mg/L	ALS
L1940022-4	CLSP-OUT	11-Jun-17	Turbidity	40.2	NTU	ALS
-	CLT-OUT	12-Jun-17	pH	IP	pH units	ALS
-	CLT-OUT	12-Jun-17	Total Suspended Solids	IP	mg/L	ALS
-	CLT-OUT	12-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
-	CLT-OUT	12-Jun-17	Turbidity	IP	NTU	ALS
-	CLSP-OUT	12-Jun-17	pH	IP	pH units	ALS
-	CLSP-OUT	12-Jun-17	Total Suspended Solids	IP	mg/L	ALS
-	CLSP-OUT	12-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
-	CLSP-OUT	12-Jun-17	Turbidity	IP	NTU	ALS
L1940978-1	CLT-OUT	13-Jun-17	pH	IP	pH units	ALS
L1940978-1	CLT-OUT	13-Jun-17	Total Suspended Solids	IP	mg/L	ALS
L1940978-1	CLT-OUT	13-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
L1940978-1	CLT-OUT	13-Jun-17	Turbidity	IP	NTU	ALS
L1940978-2	CLSP-OUT	13-Jun-17	pH	IP	pH units	ALS
L1940978-2	CLSP-OUT	13-Jun-17	Total Suspended Solids	IP	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1940978-2	CLSP-OUT	13-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
L1940978-2	CLSP-OUT	13-Jun-17	Turbidity	IP	NTU	ALS
-	CLT-OUT	14-Jun-17	pH	-	pH units	ALS
-	CLT-OUT	14-Jun-17	Total Suspended Solids	-	mg/L	ALS
-	CLT-OUT	14-Jun-17	Total Dissolved Solids	-	mg/L	ALS
-	CLT-OUT	14-Jun-17	Turbidity	-	NTU	ALS
-	CLSP-OUT	14-Jun-17	pH	-	pH units	ALS
-	CLSP-OUT	14-Jun-17	Total Suspended Solids	-	mg/L	ALS
-	CLSP-OUT	14-Jun-17	Total Dissolved Solids	-	mg/L	ALS
-	CLSP-OUT	14-Jun-17	Turbidity	-	NTU	ALS

Note:

IP - In Progress

No flows observed at CLT-OUT on May 17, May 20, May 21 and May 22 due to cool ambient temperatures.

Water sampling at CLSP-OUT began on May 24 following observations of turbid consistent flow out of sedimentation ponds near Camp Lake Water Jetty.

Table B.2.3 - Water Quality for Milne Port East Sedimentation Pond (MP-05) Effluent

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1931746-1	MP-05	25-May-17	pH	8.22	pH units	ALS
L1931746-1	MP-05	25-May-17	Total Suspended Solids	4.4	mg/L	ALS
L1931746-1	MP-05	25-May-17	Total Dissolved Solids	64	mg/L	ALS
L1931746-1	MP-05	25-May-17	Turbidity	3.88	NTU	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Hardness (as CaCO3)	125	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	pH	8	pH units	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Total Suspended Solids	111	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Total Dissolved Solids	335	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Turbidity	209	NTU	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Alkalinity, Total (as CaCO3)	75	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Ammonia, Total (as N)	0.431	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Chloride (Cl)	95.5	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Fluoride (F)	0.045	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Nitrate (as N)	0.97	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Total Kjeldahl Nitrogen	2.18	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Phosphorus, Total	0.11	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Sulfate (SO4)	30.2	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Dissolved Organic Carbon	5.2	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Total Organic Carbon	6.4	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Aluminum (Al)-Total	5	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Arsenic (As)-Total	0.00076	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Cadmium (Cd)-Total	0.000089	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Calcium (Ca)-Total	33	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Copper (Cu)-Total	0.009	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Iron (Fe)-Total	5.98	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Lead (Pb)-Total	0.00812	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Magnesium (Mg)-Total	16	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Manganese (Mn)-Total	0.241	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Mercury (Hg)-Total	<0.000010	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Molybdenum (Mo)-Total	0.00566	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Nickel (Ni)-Total	0.0062	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Potassium (K)-Total	8.57	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Selenium (Se)-Total	0.000111	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Sodium (Na)-Total	35.2	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Thallium (Tl)-Total	0.000109	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Uranium (U)-Total	0.0175	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Zinc (Zn)-Total	0.0224	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Aluminum (Al)-Dissolved	0.0146	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Arsenic (As)-Dissolved	0.0001	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Cadmium (Cd)-Dissolved	0.000015	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Calcium (Ca)-Dissolved	29.1	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Copper (Cu)-Dissolved	0.00134	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Iron (Fe)-Dissolved	<0.010	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Lead (Pb)-Dissolved	<0.000050	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Magnesium (Mg)-Dissolved	12.6	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Manganese (Mn)-Dissolved	0.125	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Mercury (Hg)-Dissolved	<0.000010	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Molybdenum (Mo)-Dissolved	0.00707	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Nickel (Ni)-Dissolved	0.0008	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Potassium (K)-Dissolved	7.11	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Selenium (Se)-Dissolved	0.000116	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Sodium (Na)-Dissolved	38.5	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Thallium (Tl)-Dissolved	0.000014	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Uranium (U)-Dissolved	0.0153	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Zinc (Zn)-Dissolved	<0.0010	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Oil and Grease, Total	<2.0	mg/L	ALS
L1932516-2	MP-05 (11:00)	26-May-17	Phenols (4AAP)	0.0027	mg/L	ALS
L1932516-3	MP-05 (13:00)	26-May-17	pH	8.01	pH units	ALS
L1932516-3	MP-05 (13:00)	26-May-17	Total Suspended Solids	149	mg/L	ALS
L1932516-3	MP-05 (13:00)	26-May-17	Total Dissolved Solids	335	mg/L	ALS
L1932516-3	MP-05 (13:00)	26-May-17	Turbidity	243	NTU	ALS
L1932516-4	MP-05 (15:00)	26-May-17	pH	7.94	pH units	ALS
L1932516-4	MP-05 (15:00)	26-May-17	Total Suspended Solids	95.5	mg/L	ALS
L1932516-4	MP-05 (15:00)	26-May-17	Total Dissolved Solids	310	mg/L	ALS
L1932516-4	MP-05 (15:00)	26-May-17	Turbidity	159	NTU	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1932516-5	MP-05 (17:00)	26-May-17	pH	7.99	pH units	ALS
L1932516-5	MP-05 (17:00)	26-May-17	Total Suspended Solids	39.2	mg/L	ALS
L1932516-5	MP-05 (17:00)	26-May-17	Total Dissolved Solids	305	mg/L	ALS
L1932516-5	MP-05 (17:00)	26-May-17	Turbidity	81.4	NTU	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Hardness (as CaCO3)	42	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	pH	7.69	pH units	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Total Suspended Solids	28.5	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Total Dissolved Solids	85	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Turbidity	66.3	NTU	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Alkalinity, Total (as CaCO3)	21	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Ammonia, Total (as N)	0.119	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Chloride (Cl)	33.1	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Fluoride (F)	0.046	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Nitrate (as N)	0.354	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Total Kjeldahl Nitrogen	0.56	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Phosphorus, Total	0.051	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Sulfate (SO4)	9.24	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Dissolved Organic Carbon	1.5	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Total Organic Carbon	1.2	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Aluminum (Al)-Total	1.06	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Arsenic (As)-Total	0.00017	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Cadmium (Cd)-Total	<0.000010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Calcium (Ca)-Total	10.6	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Copper (Cu)-Total	0.0024	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Iron (Fe)-Total	1.43	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Lead (Pb)-Total	0.00098	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Magnesium (Mg)-Total	5.66	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Manganese (Mn)-Total	0.0662	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Mercury (Hg)-Total	<0.000010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Molybdenum (Mo)-Total	0.00123	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Nickel (Ni)-Total	0.00174	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Potassium (K)-Total	2.59	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Selenium (Se)-Total	0.000052	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Sodium (Na)-Total	16.2	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Thallium (Tl)-Total	0.000023	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Uranium (U)-Total	0.00252	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Zinc (Zn)-Total	0.0055	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Aluminum (Al)-Dissolved	0.0338	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Arsenic (As)-Dissolved	<0.00010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Cadmium (Cd)-Dissolved	<0.000010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Calcium (Ca)-Dissolved	8.83	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Copper (Cu)-Dissolved	0.00025	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Iron (Fe)-Dissolved	<0.010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Lead (Pb)-Dissolved	<0.000050	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Magnesium (Mg)-Dissolved	4.8	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Manganese (Mn)-Dissolved	0.0375	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Mercury (Hg)-Dissolved	<0.000010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Molybdenum (Mo)-Dissolved	0.00114	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Nickel (Ni)-Dissolved	<0.00050	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Potassium (K)-Dissolved	2.16	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Selenium (Se)-Dissolved	0.000053	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Sodium (Na)-Dissolved	17.3	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Thallium (Tl)-Dissolved	<0.000010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Uranium (U)-Dissolved	0.00135	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Zinc (Zn)-Dissolved	<0.0010	mg/L	ALS
L1933218-2	MP-05 (09:30)	27-May-17	Oil and Grease, Total	<2.0	mg/L	ALS
L1933136-4	MP-05 (11:30)	27-May-17	pH	8.06	pH units	ALS
L1933136-4	MP-05 (11:30)	27-May-17	Total Suspended Solids	8.4	mg/L	ALS
L1933136-4	MP-05 (11:30)	27-May-17	Total Dissolved Solids	175	mg/L	ALS
L1933136-4	MP-05 (11:30)	27-May-17	Turbidity	23.7	NTU	ALS
L1933136-3	MP-05 (13:30)	27-May-17	pH	7.99	pH units	ALS
L1933136-3	MP-05 (13:30)	27-May-17	Total Suspended Solids	10	mg/L	ALS
L1933136-3	MP-05 (13:30)	27-May-17	Total Dissolved Solids	225	mg/L	ALS
L1933136-3	MP-05 (13:30)	27-May-17	Turbidity	27.4	NTU	ALS
L1933136-1	MP-05 (15:30)	27-May-17	pH	7.73	pH units	ALS
L1933136-1	MP-05 (15:30)	27-May-17	Total Suspended Solids	6.4	mg/L	ALS

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
L1933136-1	MP-05 (15:30)	27-May-17	Total Dissolved Solids	255	mg/L	ALS
L1933136-1	MP-05 (15:30)	27-May-17	Turbidity	17.4	NTU	ALS
L1933136-2	MP-05 (17:30)	27-May-17	pH	7.9	pH units	ALS
L1933136-2	MP-05 (17:30)	27-May-17	Total Suspended Solids	25.2	mg/L	ALS
L1933136-2	MP-05 (17:30)	27-May-17	Total Dissolved Solids	233	mg/L	ALS
L1933136-2	MP-05 (17:30)	27-May-17	Turbidity	54.8	NTU	ALS
L1933136-7	MP-05 (10:30)	28-May-17	pH	7.91	pH units	ALS
L1933136-7	MP-05 (10:30)	28-May-17	Total Suspended Solids	12.9	mg/L	ALS
L1933136-7	MP-05 (10:30)	28-May-17	Total Dissolved Solids	271	mg/L	ALS
L1933136-7	MP-05 (10:30)	28-May-17	Turbidity	38	NTU	ALS
L1933136-8	MP-05 (12:30)	28-May-17	pH	7.94	pH units	ALS
L1933136-8	MP-05 (12:30)	28-May-17	Total Suspended Solids	77.6	mg/L	ALS
L1933136-8	MP-05 (12:30)	28-May-17	Total Dissolved Solids	300	mg/L	ALS
L1933136-8	MP-05 (12:30)	28-May-17	Turbidity	59.9	NTU	ALS
L1933136-5	MP-05 (14:30)	28-May-17	pH	7.91	pH units	ALS
L1933136-5	MP-05 (14:30)	28-May-17	Total Suspended Solids	19.6	mg/L	ALS
L1933136-5	MP-05 (14:30)	28-May-17	Total Dissolved Solids	310	mg/L	ALS
L1933136-5	MP-05 (14:30)	28-May-17	Turbidity	43.5	NTU	ALS
L1933136-6	MP-05 (16:30)	28-May-17	pH	7.96	pH units	ALS
L1933136-6	MP-05 (16:30)	28-May-17	Total Suspended Solids	47.6	mg/L	ALS
L1933136-6	MP-05 (16:30)	28-May-17	Total Dissolved Solids	365	mg/L	ALS
L1933136-6	MP-05 (16:30)	28-May-17	Turbidity	66.8	NTU	ALS
L1933059-4	MP-05 (11:40)	29-May-17	pH	7.88	pH units	ALS
L1933059-4	MP-05 (11:40)	29-May-17	Total Suspended Solids	33.6	mg/L	ALS
L1933059-4	MP-05 (11:40)	29-May-17	Total Dissolved Solids	470	mg/L	ALS
L1933059-4	MP-05 (11:40)	29-May-17	Turbidity	75	NTU	ALS
L1933059-1	MP-05 (13:40)	29-May-17	pH	7.93	pH units	ALS
L1933059-1	MP-05 (13:40)	29-May-17	Total Suspended Solids	30.3	mg/L	ALS
L1933059-1	MP-05 (13:40)	29-May-17	Total Dissolved Solids	417	mg/L	ALS
L1933059-1	MP-05 (13:40)	29-May-17	Turbidity	74.4	NTU	ALS
L1933059-2	MP-05 (15:40)	29-May-17	pH	8.08	pH units	ALS
L1933059-2	MP-05 (15:40)	29-May-17	Total Suspended Solids	36.4	mg/L	ALS
L1933059-2	MP-05 (15:40)	29-May-17	Total Dissolved Solids	360	mg/L	ALS
L1933059-2	MP-05 (15:40)	29-May-17	Turbidity	91.6	NTU	ALS
L1933059-3	MP-05 (17:40)	29-May-17	pH	8.03	pH units	ALS
L1933059-3	MP-05 (17:40)	29-May-17	Total Suspended Solids	40.8	mg/L	ALS
L1933059-3	MP-05 (17:40)	29-May-17	Total Dissolved Solids	341	mg/L	ALS
L1933059-3	MP-05 (17:40)	29-May-17	Turbidity	83.2	NTU	ALS
L1934329-1	MP-05 (11:00)	30-May-17	pH	7.96	pH units	ALS
L1934329-1	MP-05 (11:00)	30-May-17	Total Suspended Solids	22.5	mg/L	ALS
L1934329-1	MP-05 (11:00)	30-May-17	Total Dissolved Solids	350	mg/L	ALS
L1934329-1	MP-05 (11:00)	30-May-17	Turbidity	68.9	NTU	ALS
L1934329-2	MP-05 (13:00)	30-May-17	pH	7.99	pH units	ALS
L1934329-2	MP-05 (13:00)	30-May-17	Total Suspended Solids	22.5	mg/L	ALS
L1934329-2	MP-05 (13:00)	30-May-17	Total Dissolved Solids	315	mg/L	ALS
L1934329-2	MP-05 (13:00)	30-May-17	Turbidity	68	NTU	ALS
L1934329-3	MP-05 (15:00)	30-May-17	pH	8	pH units	ALS
L1934329-3	MP-05 (15:00)	30-May-17	Total Suspended Solids	26.5	mg/L	ALS
L1934329-3	MP-05 (15:00)	30-May-17	Total Dissolved Solids	330	mg/L	ALS
L1934329-3	MP-05 (15:00)	30-May-17	Turbidity	71.5	NTU	ALS
L1938471-1	MP-05	6-Jun-17	pH	8.04	pH units	ALS
L1938471-1	MP-05	6-Jun-17	Total Suspended Solids	IP	mg/L	ALS
L1938471-1	MP-05	6-Jun-17	Total Dissolved Solids	IP	mg/L	ALS
L1938471-1	MP-05	6-Jun-17	Turbidity	69.4	NTU	ALS
L1939258-2	MP-05	8-Jun-17	pH	7.84	pH units	ALS
L1939258-2	MP-05	8-Jun-17	Total Suspended Solids	12.4	mg/L	ALS
L1939258-2	MP-05	8-Jun-17	Total Dissolved Solids	345	mg/L	ALS
L1939258-2	MP-05	8-Jun-17	Turbidity	43.8	NTU	ALS

Note:

IP - In Progress

Intermittent controlled discharges ongoing with last discharge occurring on June 7. Current estimated total volume discharged to date is 19,000 m³.

APPENDIX B.3

Acute Toxicity Results

Table B.3.1 - Acute Toxicity Results for Sheardown Lake Tributaries

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
51197	SDLT-OUT	16-May-17	Acute Toxicity - <i>Daphnia magna</i> *	0.0	mortality %	Aquatox
51197	SDLT-OUT	16-May-17	Acute Toxicity - Rainbow Trout**	0.0	mortality %	Aquatox

Note: *Acute lethality to *Daphnia magna* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/14)

**Acute lethality to Rainbow trout, *Oncorhynchus mykiss* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/13)

Table B.3.2 - Acute Toxicity Results for Camp Lake Tributaries

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
51198	CLT-OUT	16-May-17	Acute Toxicity - <i>Daphnia magna</i> *	0.0	mortality %	Aquatox
51198	CLT-OUT	16-May-17	Acute Toxicity - Rainbow Trout**	0.0	mortality %	Aquatox

Note: *Acute lethality to *Daphnia magna* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/14)

**Acute lethality to Rainbow trout, *Oncorhynchus mykiss* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/13)

Table B.3.3 - Acute Toxicity Results for Milne Port Sedimentation Ponds (MP-05, MP-06)

Sample Number	Sample ID	Date Sampled	Parameter Name	Result	Units	Lab
51276	MP-05 (09:30)	27-May-17	Acute Toxicity - <i>Daphnia magna</i> *	0.0	mortality %	Aquatox
51276	MP-05 (09:30)	27-May-17	Acute Toxicity - Rainbow Trout**	0.0	mortality %	Aquatox
51275	MP-06 (08:45)	27-May-17	Acute Toxicity - <i>Daphnia magna</i> *	0.0	mortality %	Aquatox
51275	MP-06 (08:45)	27-May-17	Acute Toxicity - Rainbow Trout**	0.0	mortality %	Aquatox

Note: *Acute lethality to *Daphnia magna* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/14)

**Acute lethality to Rainbow trout, *Oncorhynchus mykiss* (as per Environment Canada's Environmental Protection Series Method EPS/1/RM/13)