Municipal Affairs and Environment

Industrial Effluent Compliance

2017 Annual Report

February 2019

Newfoundland Labrador

Contents

Executive Summary

The Newfoundland and Labrador Department of Municipal Affairs and Environment (MAE) regulates industrial effluent under the *Environmental Control Water and Sewage Regulations NLR 65/03* (ECWSR). In April 2009, the ECWSR was amended. The amendment adopted specific limits from the corresponding federal regulations for each of the mining, pulp and paper and petroleum refining industrial sectors. Industries operating under a certificate of approval (COA) from the Pollution Prevention Division (PPD) have effluent streams identified and subsequent monitoring schedules developed to characterize the effluent. These schedules are designed to ensure that the effluent discharged from the industry meets regulatory requirements and is protective of the receiving environment.

MAE works closely with industries within Newfoundland and Labrador to ensure that they are continuing to improve the quality of effluent discharged into the receiving environment. Through this working relationship, as well as through relationships with other stakeholders, we strive to attain mutual goals of environmental sustainability and protection.

Copies of the ECWSR, the Metal and Diamond Mining Effluent Regulations, the Pulp and Paper Effluent Regulations and the Petroleum Refinery Liquid Effluent Regulations can be obtained at:

www.assembly.nl.ca/Legislation/sr/Regulations/rc030065.htm

https://laws-lois.justice.gc.ca/PDF/SOR-2002-222.pdf

https://laws-lois.justice.gc.ca/PDF/SOR-92-269.pdf

https://laws-lois.justice.gc.ca/PDF/C.R.C.,_c._828.pdf

In 2017 there were more than 30 industries reporting effluent quality to MAE on a consistent basis. This report provides a summary of the effluent quality discharged at the major industries within the province of Newfoundland and Labrador. It is important to note that the summaries provided are for the discharge locations only. Most industries conduct additional monitoring for general water quality characterization at discharge points, as well as other locations in proximity to operations. Some industries operating in the province also participate in Environmental Effects Monitoring (EEM) programs. This report identifies EEM activities completed in 2017.

Points to Note:

- The data presented is based upon reports submitted to MAE by industry, as of December 2018.
- The actual laboratory documentation is available upon request to verify analysis as required.
- If there is a discrepancy between the results depicted in this report and the laboratory documentation, the laboratory documentation is to be considered accurate.
- Detailed data summary tables for each discharge location are found in Appendix A.

Industries

Anaconda Mining Incorporated

2017 COA	Approval #:	AA13-035579
	Issue Date:	March 31, 2013
	Expiration:	March 31, 2018
	Approval #:	AA17-085645
	Issue Date:	August 10, 2017
	Expiration:	August 10, 2022

Anaconda Mining Incorporated has one discharge point located at the outflow of the Polishing Pond. There were no reported exceedances at the Polishing Pond in 2017.

Environmental Effects Monitoring
The Anaconda Mining Incorporated cycle 3 interpretive report was reviewed in 2017.

See Table 1: Anaconda 2017 Polishing Pond

Atlantic Minerals Limited

Lower Cove

2017 COA	Approval #:	AA14-035590
	Issue Date:	March 31, 2014
	Expiration:	March 31, 2019

Atlantic Minerals Limited (Lower Cove) collected samples at three locations in 2017. There was one TSS exceedance reported at the DL Quarry 2 and one TSS exceedance reported at the HiCal Trench.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 2: Atlantic Minerals Lower Cove 2017 DL Quarry 2
Table 3: Atlantic Minerals Lower Cove 2017 Goose Pond
Table 4: Atlantic Minerals Lower Cove 2017 HiCal Trench

North Star Cement

2017 Monitoring	As per letter from PPD	
	Issue Date:	March 10, 2005
	Expiration:	No expiration date established

Atlantic Minerals Limited (North Star Cement) collected samples at two locations in 2017. There were four TDS exceedances reported at the Shale Quarry.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 5: Atlantic Minerals Corner Brook Series 1
Table 6: Atlantic Minerals Corner Brook Shale Quarry

Barite Mud Services

2017 COA

Approval #: AA14-115601
Issue Date: November 19, 2014
Expiration: November 10, 2019

Barite Mud Services operates a seasonal barite production plant and discharges effluent from one location. There were 22 lead exceedances and eight TSS exceedances reported in 2017. Zinc samples were reported above the limit in 22 samples, but these are not considered exceedances as they do not exceed the background level for zinc that has been attributed to historical operations prior to the Barite Mud Services operation commencing.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 7: Barite Mud Services 2017 TP1

Beaver Brook Antimony Mine Incorporated

2017 COA

Approval #: AA13-035578
Issue Date: April 8, 2013
Expiration: March 19, 2018

Beaver Brook Antimony Mine Incorporated has one discharge location, Site 16. There were no reported exceedances in 2017.

Environmental Effects Monitoring
There were no submissions for 2017.

See Table 8: Beaver Brook 2017 Site 16

Canada Fluorspar Incorporated

2017 COA

Approval #: AA16-045637
Issue Date: April 8, 2016
Expiration: April 8, 2020
Approval #: AA17-075644
Issue Date: July 5, 2017
Expiration: July 5, 2022

Canada Fluorspar Incorporated discharges effluent from three locations, WQ STA 22, WQ STA 23 and WQ STA 24. In 2017, there was one ammonia exceedance and two TSS exceedances reported at WQ STA 22. There were 11 pH exceedances reported at WQ STA 23. There were two nitrate, three lead, one TDS and four TSS exceedances reported at WQ STA 24.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 9: Canada Fluorspar Incorporated 2017 WQ STA 22
Table 10: Canada Fluorspar Incorporated 2017 WQ STA 23
Table 11: Canada Fluorspar Incorporated 2017 WQ STA 24

Carino

2017 COA

Approval #: AA13-125586
Issue Date: December 18, 2013

Expiration: December 18, 2018
Compliance Agreement: November 18, 2014 – June 30, 2017
Compliance Agreement Amendment: November 21, 2016

Carino Processing Limited has one effluent discharge location. Exceedances reported in the effluent discharge in 2017 included: 24 BOD, one chromium, 17 iron, 23 ammonia, three pH, 32 phenol, one sulphide, eight TDS, 12 TOG and 13 TSS.

Environmental Effects Monitoring

There were no EEM submissions for 2017.

See Table 12: Carino 2017 Effluent Discharge

Central Regional Waste Service Board

2017 COA

Approval #: WMS-16-04-004
Issue Date: April 15, 2016
Expiration: April 30, 2017
Approval #: WMS-17-04-001
Issue Date: April 15, 2017
Expiration: April 30, 2018

The Central Regional Services Board has one discharge location at SW9. In 2017, there were three BOD, four ammonia, one zinc and two TSS exceedances reported at SW9.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 13: Central Regional Services Board 2017 SW9

City of St. John's – Robin Hood Bay Landfill

2017 COA

Approval #: WMS-2014-02-002
Issue Date: February 28, 2014
Expiration: February 28, 2019

The Robin Hood Bay Regional Waste Management Facility has two discharge locations. LW2 discharges to the City of St. John's sewer and SW4 discharges directly to the environment. In 2017, there were no discharges from SW4. There were three iron exceedances reported at LW2.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 14: City of St. John's – Robin Hood Bay Landfill 2017 LW2

Corner Brook Pulp and Paper Limited

2017 COA

Approval #: AA13-125584
Issue Date: December 23, 2013
Expiration: July 7, 2018

Corner Brook Pulp and Paper Limited have two discharge locations, East Sewer and Effluent Treatment. There were no exceedances reported in 2017.

Environmental Effects Monitoring

There were no submissions for 2017.

See Table 15: Corner Brook Pulp and Paper 2017 East Sewer
Table 16: Corner Book Pulp and Paper 2017 Effluent Treatment
Table 17: Corner Brook Pulp and Paper 2017 Total Mill Discharge

Country Ribbon Incorporated

2017 COA Approval #: WMS-16-03-002
Issue Date: April 29, 2016
Expiration: April 30, 2017

Country Ribbon Incorporated has one discharge location designated as Post DAF Sampling. In 2017 there were 23 BOD, two phosphates, 16 TOG and eight TSS exceedances reported at this location.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 18: Country Ribbon Incorporated (White Hills Road) 2017 Post DAF Sampling

DJ Composites

2017 Monitoring As per letter from PPD
Issue Date: March 8, 2012
Expiration: No expiration date established

DJ Composites has one effluent discharge location. There were no exceedances reported in 2017.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 19: DJ Composites 2017 Effluent

Department of Natural Resources (Buchans)

2017 Monitoring As per internal memo, PPD
Issue Date: September 8, 2010
Updated: January 15, 2014
Expiration: No expiration date established

Several locations are sampled near the town of Buchans by the Department of Natural Resources. Four of these locations discharge into the environment. Two zinc exceedances were reported at the PH1 & PH2 Combined location. Two lead, two TSS and two zinc exceedances were reported at Site 1. Two cadmium, two copper, two lead, one TSS and two zinc exceedances were reported at Site 12. Two zinc exceedances were reported at Site 2.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 20: Department of Natural Resources (Buchans) 2017 PH1 & PH2 Combined
Table 21: Department of Natural Resources (Buchans) 2017 Site 1
Table 22: Department of Natural Resources (Buchans) 2017 Site 12
Table 23: Department of Natural Resources (Buchans) 2017 Site 2

Department of Natural Resources (Hope Brook)

2017 Monitoring As per letter from PPD
Issue Date: January 30, 2008
Expiration: No expiration date established

The Hope Brook mine site has been remediated by the Government of Newfoundland and Labrador. The Department of Natural Resources monitors effluent from seven different areas of the mine site. There were no exceedances reported in 2017.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 24: Department of Natural Resources (Hope Brook) 2017 BHB#6
Table 25: Department of Natural Resources (Hope Brook) 2017 Banana Pond
Table 26: Department of Natural Resources (Hope Brook) 2017 Catch Basin
Table 27: Department of Natural Resources (Hope Brook) 2017 Inlet to BHB
Table 28: Department of Natural Resources (Hope Brook) 2017 Open Pit Spillway
Table 29: Department of Natural Resources (Hope Brook) 2017 Pine Pond
Table 30: Department of Natural Resources (Hope Brook) 2017 Polish Pond

Department of Natural Resources (Gullbridge)

The discharge location at the Gullbridge mine site located Below Berm is sampled by the Department of Natural Resources. In 2017 there were two copper exceedances and two pH exceedances reported at this site.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 31: Department of Natural Resources (Gullbridge) 2017 Below Berm

Department of Transportation and Works (Grand Falls)

2017 Monitoring As per memo from PPD
Issue Date: June 12, 2013
Expiration: No expiration date established

The Department of Transportation and Works samples the discharge located at the North Sewer of the remediated pulp and paper site in Grand Falls. There was one TSS exceedance reported in 2017.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 32: Department of Transportation and Works (Grand Falls) 2017 North Sewer

Envirosystems

2017 COA Approval #: WMS-07-07-017
Issue Date: March 26, 2015
Expiration: March 31, 2018

Envirosystems Incorporated has one waste water discharge location. There were no exceedances reported in 2017.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 33: Envirosystems 2017 Waste Water Discharge

Husky Oil Operations – Atlantic (Argentia)

2017 COA Approval #: AA13-115582A
Issue Date: October 3, 2014

Expiration: November 30, 2019
Compliance Agreement: August 15, 2016 – August 31, 2019

Husky Oil Operations Limited – Atlantic Region has two effluent discharge locations, the Settlement Pond #1 weir and the Settlement Pond #2 weir. In 2017, there were 13 ammonia exceedances reported at Settlement Pond #1 weir. There were 13 ammonia and 13 TDS exceedances reported at Settling Pond #2 weir.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 34: Husky Oil Operations – Atlantic (Argentia) 2017 Settlement Pond #1 Weir
Table 35: Husky Oil Operations – Atlantic (Argentia) 2017 Settlement Pond #2 Weir

Iron Ore Company of Canada

2017 COA
Approval #: AA13-045575B
Issue Date: April 9, 2013
Amendment: February 2, 2016
Expiration: April 9, 2018
Approval #: AA13-055636
Issue Date: May 19, 2016
Expiration: December 31, 2017

The Iron Ore Company of Canada collected samples at eight discharge locations in 2017. There were no exceedances reported.

Environmental Effects Monitoring
There were no submissions for 2017.

See Table 36: Iron Ore Company of Canada (Labrador City) 2017 FDP-HC
Table 37: Iron Ore Company of Canada (Labrador City) 2017 FDP-MD30
Table 38: Iron Ore Company of Canada (Labrador City) 2017 FDP-TIA
Table 39: Iron Ore Company of Canada (Labrador City) 2017 FDP-W3-02
Table 40: Iron Ore Company of Canada (Labrador City) 2017 MD5
Table 41: Iron Ore Company of Canada (Labrador City) 2017 PD-11
Table 42: Iron Ore Company of Canada (Labrador City) 2017 PD-33
Table 43: Iron Ore Company of Canada (Labrador City) 2017 PD-34

Labatt Breweries

2017 COA
Approval #: AA15-075607
Issue Date: July 27, 2015
Expiration: July 27, 2020
Compliance Agreement: July 16, 2015 – May 26, 2018

Labatt Breweries Newfoundland has one discharge point designated Water Chemistry. In 2017, there were 37 BOD, three copper, two phosphate, nine pH, one zinc and 26 TSS exceedances reported.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 44: Labatt Breweries Newfoundland (St. John's) 2017 Water Chemistry

Labrador Iron Mines

2017 COA

Approval #: AA15-125615
Issue Date: December 16, 2015
Expiration: December 16, 2020

Labrador Iron Mines has one discharge point at Ruth Pit Outlet. There were no exceedances reported at this site in 2017.

Environmental Effects Monitoring
There were no submissions for 2017.

See Table 45: Labrador Iron Mines 2017 Ruth Pit

Molson Coors Canada

2017 COA

Approval #: AA11-125568
Issue Date: December 14, 2011
Expiration: December 28, 2016
Extension: June 30, 2017
Approval #: AA17-065642
Issue Date: June 30, 2017
Expiration: June 30, 2022

Molson Coors Canada, St. John's has one discharge point designated Water Chemistry. In 2017, there were 44 BOD, one TSS and 38 pH exceedances reported at this site.

Environmental Effects Monitoring
There is no EEM program at this site.

See Table 46: Molson Coors Canada (St. John's) 2017 Water Chemistry

Newfoundland Transshipment Limited

2017 COA

Approval #: AA13-035577
Issue Date: March 13, 2013
Expiration: March 12, 2018

Newfoundland Transshipment Limited monitors water quality at nine locations. There were no exceedances reported in 2017.

Environmental Effects Monitoring
There were no EEM submissions for 2017.

See Table 47: Newfoundland Transshipment Limited 2017 Oily Water Separator
Table 48: Newfoundland Transshipment Limited 2017 Remote Impoundment Pond
Table 49: Newfoundland Transshipment Limited 2017 Tank No. 1
Table 50: Newfoundland Transshipment Limited 2017 Tank No. 2
Table 51: Newfoundland Transshipment Limited 2017 Tank No. 3
Table 52: Newfoundland Transshipment Limited 2017 Tank No. 4
Table 53: Newfoundland Transshipment Limited 2017 Tank No. 5
Table 54: Newfoundland Transshipment Limited 2017 Tank No. 6
Table 55: Newfoundland Transshipment Limited 2017 Tank No. 7

Newfoundland and Labrador Hydro (Holyrood)

2017 COA

Approval #: AA16-105640
Issue Date: October 31, 2016

Expiration: August 31, 2021

The Newfoundland and Labrador Hydro Thermal Generating Station located in Holyrood samples effluent discharge at five locations. In 2017, exceedances were reported at the OS1, OS2 and WWTP locations. One pH and two TSS exceedances were reported at OS1. One TOG exceedance was reported at OS2. One pH and one TSS exceedance was reported at WWTP.

Environmental Effects Monitoring

There were no EEM submissions for 2017.

See Table 56: Newfoundland and Labrador Hydro (Holyrood) 2017 CT-OS
Table 57: Newfoundland and Labrador Hydro (Holyrood) 2017 Continuous Basin
Table 58: Newfoundland and Labrador Hydro (Holyrood) 2017 OS1
Table 59: Newfoundland and Labrador Hydro (Holyrood) 2017 OS2
Table 60: Newfoundland and Labrador Hydro (Holyrood) 2017 WWTP

North Atlantic Refining Limited

2017 COA

Approval #: AA14-115594
Issue Date: November 13, 2014
Expiration: December 31, 2016
Extension: June 30, 2018

North Atlantic Refining Limited has one discharge point, the outfall to sea location. In 2017 there were two rainbow trout ALT failures reported and one exceedance of the monthly allowable average for TOG.

Environmental Effects Monitoring

The Marine Environmental Effects Monitoring program was conducted in 2017 at North Atlantic Refining.

See Table 61: North Atlantic Refining Ltd 2017 Outfall to Sea

Pardy's Waste Management

2017 COA

Approval #: WMS-15-10-013
Issue Date: November 1, 2015
Expiration: November 1, 2020

Pardy's Waste Management has one discharge location from the waste water treatment plant. In 2017, the following exceedances were reported: two BOD, one fecal coliforms, four ammonia, 31 nitrate, 13 phosphate, two selenium, 18 TDS, and two TSS.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 62: Pardy's Waste Management 2017 Waste Water Treatment Plant

Rambler Metals and Mining Canada Limited

2017 COA

Approval #: AA13-035580
Issue Date: March 31, 2013
Expiration: March 31, 2018

Rambler Metals and Mining Canada Limited discharges effluent from the No.2 Polishing Pond at the Nugget Pond mill site and Treated Mine Effluent from the Ming Mine site. There were no exceedances reported at these sites. There were two *Daphnia magna* ALT failures reported, but it should be noted that these are monitoring tests only and not considered compliance determinant analyses.

Environmental Effects Monitoring
The Nugget Pond cycle 4 interpretive report and the Ming Mine cycle 2 interpretive report were reviewed in 2017.

See Table 63: Rambler Metals and Mining 2017 No.2 Polishing Pond
Table 64: Rambler Metals and Mining 2017 Treated Mine Effluent

Tacora Resources

2017 Monitoring Care and maintenance monitoring during shutdown/ reactivation

Tacora Resources collected samples from four discharge points in 2017. There was one TSS exceedance reported at East Pit 2 Dewatering. There were two pH and 21 TSS exceedances reported at the Flora Lake Discharge.

Environmental Effects Monitoring
There were no submissions for 2017.

See Table 65: Tacora Resources (Wabush) 2017 East Pit 2 Dewatering (Sylvio Settling Basin)
Table 66: Tacora Resources (Wabush) 2017 Flora Lake Discharge
Table 67: Tacora Resources (Wabush) 2017 Knoll Lake Discharge (Settling Basin)
Table 68: Tacora Resources (Wabush) 2017 Tailings Line Emergency Dump Basin #1 (Settling Basin)

Tata Steel Minerals Canada Limited

2017 COA
Approval #: AA12-085571B
Issue Date: August 10, 2012
Amendment: December 14, 2015
Expiration: August 10, 2017
Extension: December 31, 2017
Approval #: AA15-035604
Issue Date: March 27, 2015
Expiration: March 27, 2020

Tata Steel Minerals Canada Limited discharged effluent from two locations in 2017, COASW11 and COASW12. There were two TSS exceedances reported at COASW11 and one TSS exceedance reported at COASW12.

Environmental Effects Monitoring
The Tata Steel cycle 1 interpretive report was reviewed in 2017.

See Table 69: Tata Steel Minerals Canada Limited 2017 COASW11
Table 70: Tata Steel Minerals Canada Limited 2017 COASW12

Teck Resources Limited

2017 Monitoring Duck Pond Closure Water Quality Monitoring Program
Issue Date: November 25, 2015
Expiration: No expiration date established

Teck Resources Limited discharged effluent at the Dam C location in 2017. There were no exceedances reported. There was one *Daphnia magna* ALT failure reported, but it should be noted that this is a monitoring test only and not considered a compliance determinant analysis.

Environmental Effects Monitoring
There were no submissions for 2017.

See Table 71: Teck Resources (Millertown) 2017 Dam C

Vale Newfoundland and Labrador Limited (Long Harbour)

2017 COA

Approval #: AA13-125573A
Issue Date: December 18, 2013
Amendment: July 27, 2016
Expiration: December 18, 2018

Vale Newfoundland and Labrador Limited (Long Harbour) discharged effluent from five locations in 2017. There was one pH exceedance reported at D2.

Environmental Effects Monitoring

There were no submissions for 2017.

See Table 72: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D2
Table 73: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D25
Table 74: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D3
Table 75: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D5
Table 76: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 FDP1

Vale Newfoundland and Labrador Limited (Voisey's Bay)

2017 COA

Approval #: AA13-125585A
Issue Date: December 31, 2013
Amendment: July 4, 2017
Expiration: December 31, 2018

Vale Newfoundland and Labrador Limited (Voisey's Bay) mine site discharged effluent from two locations in 2017. There was one pH exceedance reported at the Treated Effluent Discharge location. There was one *Daphnia magna* ALT failure reported at the Port Site Sed Pond, but it should be noted that this is a monitoring test only and not considered a compliance determinant analysis.

Environmental Effects Monitoring

There were no submissions for 2017.

See Table 77: Vale Newfoundland and Labrador Limited (Voisey's Bay) 2017 Port Site Sed Pond
Table 78: Vale Newfoundland and Labrador Limited (Voisey's Bay) 2017 Treated Effluent Discharge

Conclusion

MAE regulates effluent discharged from the industrial sectors of the province. The nature of these industries and the types of effluent generated are very different and specific; no two industries can be viewed exactly the same. Differences within the industrial facilities and the receiving environment make this a dynamic field that has to be constantly monitored.

The industries operating within Newfoundland and Labrador are diligent in working with MAE to achieve the mutual goals of environmental sustainability and protection.

Additional effluent monitoring and water quality monitoring data from the industrial sector is available upon request.

For further information related to industrial effluent quality and monitoring, please contact the Pollution Prevention Division at:

Pollution Prevention Division
Newfoundland and Labrador
Department of Municipal Affairs and Environment
PO Box 8700
St. John's, NL A1B 4J6

(709) 729-2556

Acronyms

ALT	- Acute Lethality Test
BOD	- Biological Oxygen Demand
COA	- Certificate of Approval
CBOD	- Carbonaceous Biological Oxygen Demand
ECWSR	- Environmental Control Water and Sewage Regulations, 2003 (NLR 65/03)
EEM	- Environmental Effects Monitoring
MAE	- NL Department of Municipal Affairs and Environment
MDMER	- Metal and Diamond Mining Effluent Regulations
PPD	- Pollution Prevention Division
TDS	- Total Dissolved Solids
TOG	- Total Oil and Grease
TPH	- Total Petroleum Hydrocarbons
TSS	- Total Suspended Solids
UOM	- Unit Of Measure

Appendix A: Effluent Data Summary Tables

Contents

TABLE 1: Anaconda 2017 Polishing Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	0	0	1	1	0	0	1	1	1	0	0	6
DAPHNIA MAGNA	PASS/FAIL	Pass	1	0	0	1	1	0	0	1	1	1	0	0	6
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	0	0	1	1	0	0	1	1	1	0	0	6
RAINBOW TROUT	PASS/FAIL	Pass	1	0	0	1	1	0	0	1	1	1	0	0	6
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
ARSENIC	MG/L	Maximum	<0.0010	0	0	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	0	<0.0010
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0	0	0.0005
COPPER	MG/L	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
COPPER	MG/L	Maximum	0.0107	0	0	0.1320	0.0573	0.0602	0.0230	0.0472	0.0579	0.1830	0	0	0.1830
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.0107	0	0	0.1130	0.0419	0.0395	0.0169	0.0361	0.0509	0.1430	0	0	0.1430
NICKEL	MG/L	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
NICKEL	MG/L	Maximum	<0.0020	0	0	0.0032	0.006	<0.0020	<0.0020	<0.0020	<0.0020	0.0033	0	0	0.006
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.0010	0	0	0.0029	0.0023	0.0010	0.0010	0.0010	0.0010	0.0024	0	0	0.0029
LEAD	MG/L	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
LEAD	MG/L	Maximum	<0.00050	0	0	0.00115	0.00062	0.00059	<0.00050	<0.00050	<0.00050	0.00083	0	0	0.00115
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00025	0	0	0.00080	0.00041	0.00034	0.00025	0.00025	0.00025	0.00044	0	0	0.0008
PH	PH UNITS	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
PH	PH UNITS	Maximum	7.87	0	0	7.92	7.99	7.97	7.99	7.96	7.95	7.78	0	0	7.99
PH	PH UNITS	Minimum	7.87	0	0	7.86	7.95	7.76	7.93	7.78	7.75	7.74	0	0	7.74
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
RADIUM226	BQ/L	Maximum	0	0	0	0	0	<0.010	0	0	<0.010	<0.010	0	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0	0.005	0	0	0.005	0.005	0	0	0.005

TABLE 1 CONTINUED: Anaconda 2017 Polishing Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	1	0	0	3	7	4	2	3	3	3	0	0	26
TSS	MG/L	Maximum	1.4	0	0	18	18	9.2	12	5.4	3.8	22	0	0	22
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.4	0	0	14.3	13.9	6.3	8.8	3.1	2.6	11.7	0	0	14.3
ZINC	MG/L	# of Samples	1	0	0	3	4	4	2	3	3	3	0	0	23
ZINC	MG/L	Maximum	<0.0050	0	0	0.006	0.006	0.0096	<0.0050	<0.0050	<0.0050	0.0091	0	0	0.0096
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.0025	0	0	0.0037	0.0034	0.0059	0.0025	0.0025	0.0025	0.0068	0	0	0.0068

TABLE 2: Atlantic Minerals Lower Cove 2017 DL Quarry 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SILVER	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.10	0	0	0	<0.10
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.05	0	0	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<1.0	0	0	0	<1.0
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	200	0	0	0	200
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	200	0	0	0	200
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	<50	0	0	0	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	25	0	0	0	25
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.010	0	0	0	<0.010
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.005	0	0	0	0.005
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1.0	0	0	0	<1.0
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	<2.0	0	0	0	<2.0
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	<50	0	0	0	<50
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	25	0	0	0	25

TABLE 2 CONTINUED: Atlantic Minerals Lower Cove 2017 DL Quarry 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
MERCURY	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.013	0	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.007	0	0	0	0.007
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	<2.0	0	0	0	<2.0
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
AMMONIA	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
AMMONIA	MG/L	Maximum	0	0	0	0	0	0	0	0	1.1	0	0	0	1.1
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0	0	0	0	1.1	0	0	0	1.1
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ORTHOPHOS	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.010	0	0	0	<0.010
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.005	0	0	0	0.005
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	6.1	0	0	0	6.1
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	6.1	0	0	0	6.1
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	1	1	0	3
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	8.06	7.83	7.99	0	8.06
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	8.06	7.83	7.99	0	7.83
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PHENOL	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0010	0	0	0	<0.0010
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0005	0	0	0	0.0005
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1.0	0	0	0	<1.0
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5

TABLE 2 CONTINUED: Atlantic Minerals Lower Cove 2017 DL Quarry 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SULPHIDE	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SULPHIDE	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.020	0	0	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.01	0	0	0	0.01
TDS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TDS	MG/L	Maximum	0	0	0	0	0	0	0	0	260	0	0	0	260
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	260	0	0	0	260
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	1	1	0	3
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	1.4	35	5.8	0	35
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	1	0	0	1
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	1.4	35	5.8	0	35
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	<5.0	0	0	0	<5.0
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5

TABLE 3: Atlantic Minerals Lower Cove 2017 Goose Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SILVER	UG/L	Maximum	0	0	0	0	<0.10	<0.10	<0.10	<0.10	<0.10	0	0	0	<0.10
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0.05	0.05	0.05	0.05	0.05	0	0	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ARSENIC	UG/L	Maximum	0	0	0	0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	0	<1.0
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5
BARIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
BARIUM	UG/L	Maximum	0	0	0	0	160	160	86	120	240	0	0	0	240
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	160	160	86	120	240	0	0	0	240

TABLE 3 CONTINUED: Atlantic Minerals Lower Cove 2017 Goose Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
BORON	UG/L	Maximum	0	0	0	0	<50	<50	<50	<50	<50	0	0	0	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	25	25	25	25	25	0	0	0	25
CADMIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
CADMIUM	UG/L	Maximum	0	0	0	0	<0.010	<0.010	<0.010	<0.010	<0.010	0	0	0	<0.010
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.005	0.005	0.005	0.005	0.005	0	0	0	0.005
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
CHROMIUM	UG/L	Maximum	0	0	0	0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	0	<1.0
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
COPPER	UG/L	Maximum	0	0	0	0	<2.0	<2.0	<2.0	<2.0	<2.0	0	0	0	<2.0
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	1	1	1	1	1	0	0	0	1
IRON	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
IRON	UG/L	Maximum	0	0	0	0	88	190	50	120	230	0	0	0	230
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	88	190	50	120	230	0	0	0	230
MERCURY	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	<0.013	<0.013	<0.013	<0.013	0	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.0065	0.0065	0.0065	0.0065	0.0065	0	0	0	0.0065
NICKEL	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
NICKEL	UG/L	Maximum	0	0	0	0	<2.0	<2.0	<2.0	<2.0	<2.0	0	0	0	<2.0
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	1	1	1	1	1	0	0	0	1
AMMONIA	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
AMMONIA	MG/L	Maximum	0	0	0	0	<0.050	1.4	0.16	0.16	0.31	0	0	0	1.4
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.025	1.4	0.16	0.16	0.31	0	0	0	1.4

TABLE 3 CONTINUED: Atlantic Minerals Lower Cove 2017 Goose Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ORTHOPHOS	MG/L	Maximum	0	0	0	0	<0.010	<0.010	<0.010	<0.010	<0.010	0	0	0	<0.010
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0.005	0.005	0.005	0.005	0.005	0	0	0	0.005
LEAD	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
LEAD	UG/L	Maximum	0	0	0	0	2	0.85	<0.50	<0.50	<0.50	0	0	0	2
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	2	0.85	0.25	0.25	0.25	0	0	0	2
PH	PH UNITS	# of Samples	0	0	0	0	1	1	1	1	1	1	1	0	7
PH	PH UNITS	Maximum	0	0	0	0	7.9	7.92	6.96	8.07	7.83	8.04	7.96	0	8.07
PH	PH UNITS	Minimum	0	0	0	0	7.9	7.92	6.96	8.07	7.83	8.04	7.96	0	6.96
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
PHENOL	MG/L	Maximum	0	0	0	0	<0.0010	0.0017	0.0011	0.0012	0.0012	0	0	0	0.0017
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.0005	0.0017	0.0011	0.0012	0.0012	0	0	0	0.0017
SELENIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SELENIUM	UG/L	Maximum	0	0	0	0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	0	<1.0
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5
SULPHIDE	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SULPHIDE	MG/L	Maximum	0	0	0	0	<0.020	<0.020	<0.020	<0.020	<0.020	0	0	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0	0	0	0.01
TDS	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
TDS	MG/L	Maximum	0	0	0	0	100	130	110	130	160	0	0	0	160
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	100	130	110	130	160	0	0	0	160
TSS	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	1	1	0	7
TSS	MG/L	Maximum	0	0	0	0	2.0	2.8	1.6	2.0	1.0	2.4	4.6	0	4.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	2.0	2.8	1.6	2.0	1.0	2.4	4.6	0	4.6

TABLE 3 CONTINUED: Atlantic Minerals Lower Cove 2017 Goose Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ZINC	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ZINC	UG/L	Maximum	0	0	0	0	<5.0	<5.0	<5.0	16	16	0	0	0	16
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	2.5	2.5	2.5	16	16	0	0	0	16

TABLE 4: Atlantic Minerals Lower Cove 2017 HiCal Trench

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SILVER	UG/L	Maximum	0	0	0	0	<0.10	<0.10	<0.10	<0.10	<0.10	0	0	0	<0.10
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0.05	0.05	0.05	0.05	0.05	0	0	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ARSENIC	UG/L	Maximum	0	0	0	0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	0	<1.0
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0.5
BARIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
BARIUM	UG/L	Maximum	0	0	0	0	120	130	160	120	170	0	0	0	170
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	120	130	160	120	170	0	0	0	170
BORON	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
BORON	UG/L	Maximum	0	0	0	0	<50	90	78	83	110	0	0	0	110
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	25	90	78	83	110	0	0	0	110
CADMIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
CADMIUM	UG/L	Maximum	0	0	0	0	0.013	0.01	<0.010	<0.010	0.012	0	0	0	0.013
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.013	0.01	0.005	0.005	0.012	0	0	0	0.013
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
CHROMIUM	UG/L	Maximum	0	0	0	0	1.8	<1.0	<1.0	<1.0	<1.0	0	0	0	1.8
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	1.8	0.5	0.5	0.5	0.5	0	0	0	1.8

TABLE 4 CONTINUED: Atlantic Minerals Lower Cove 2017 HiCal Trench

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
COPPER	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
COPPER	UG/L	Maximum	0	0	0	0	2.1	<2.0	<2.0	<2.0	<2.0	0	0	0	2.1
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	2.1	1	1	1	1	0	0	0	2.1
IRON	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
IRON	UG/L	Maximum	0	0	0	0	770	84	<50	<50	150	0	0	0	770
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	770	84	25	25	150	0	0	0	770
MERCURY	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	<0.013	<0.013	<0.013	<0.013	0	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.007	0.007	0.007	0.007	0.007	0	0	0	0.007
NICKEL	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
NICKEL	UG/L	Maximum	0	0	0	0	3.6	3.5	3.5	2.4	3.8	0	0	0	3.8
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	3.6	3.5	3.5	2.4	3.8	0	0	0	3.8
AMMONIA	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
AMMONIA	MG/L	Maximum	0	0	0	0	0.7	1	0.4	0.63	1.4	0	0	0	1.4
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.7	1	0.4	0.63	1.4	0	0	0	1.4
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ORTHOPHOS	MG/L	Maximum	0	0	0	0	<0.010	<0.010	<0.010	<0.010	<0.010	0	0	0	<0.010
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0.005	0.005	0.005	0.005	0.005	0	0	0	0.005
LEAD	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
LEAD	UG/L	Maximum	0	0	0	0	6.6	0.85	1.3	1.4	1.6	0	0	0	6.6
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	6.6	0.85	1.3	1.4	1.6	0	0	0	6.6

TABLE 4 CONTINUED: Atlantic Minerals Lower Cove 2017 HiCal Trench

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	1	1	1	1	1	1	1	1	1	9
PH	PH UNITS	Maximum	0	0	0	8.06	7.91	7.9	6.8	8.06	7.98	7.71	7.9	7.89	8.06
PH	PH UNITS	Minimum	0	0	0	8.06	7.91	7.9	6.8	8.06	7.98	7.71	7.9	7.89	6.8
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
PHENOL	MG/L	Maximum	0	0	0	0	<0.0010	0.001	<0.0010	<0.0010	<0.0010	0	0	0	0.001
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.0005	0.001	0.0005	0.0005	0.0005	0	0	0	0.001
SELENIUM	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SELENIUM	UG/L	Maximum	0	0	0	0	<1.0	1	1.1	1.5	1.2	0	0	0	1.5
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0.5	1	1.1	1.5	1.2	0	0	0	1.5
SULPHIDE	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
SULPHIDE	MG/L	Maximum	0	0	0	0	<0.020	<0.020	<0.020	<0.020	<0.020	0	0	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0	0	0	0.01
TDS	MG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
TDS	MG/L	Maximum	0	0	0	0	120	270	270	210	280	0	0	0	280
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	120	270	270	210	280	0	0	0	280
TSS	MG/L	# of Samples	0	0	0	1	1	1	1	1	1	1	1	1	9
TSS	MG/L	Maximum	0	0	0	3	40	1.8	2	<1.0	5.8	<2.0	23	40	40
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	1	1
TSS	MG/L	Monthly Average	0	0	0	3	40	1.8	2	0.5	5.8	1	23	40	40
ZINC	UG/L	# of Samples	0	0	0	0	1	1	1	1	1	0	0	0	5
ZINC	UG/L	Maximum	0	0	0	0	19	42	5.8	<5.0	7.2	0	0	0	42
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	19	42	5.8	2.5	7.2	0	0	0	42

TABLE 5: Atlantic Minerals Corner Brook Series 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	1	0	1	1	1	1	1	0	6
PH	PH UNITS	Maximum	0	0	0	0	8.01	0	8.68	8.26	7.87	8.04	8.2	0	8.68
PH	PH UNITS	Minimum	0	0	0	0	8.01	0	8.68	8.26	7.87	8.04	8.2	0	7.87
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6: Atlantic Minerals Corner Brook Shale Quarry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	1	0	1	1	1	1	1	0	6
PH	PH UNITS	Maximum	0	0	0	0	7.94	0	7.99	7.82	7.87	7.91	7.93	0	7.99
PH	PH UNITS	Minimum	0	0	0	0	7.94	0	7.99	7.82	7.87	7.91	7.93	0	7.82
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDSMEAS	MG/L	# of Samples	0	0	0	0	1	0	1	1	1	1	1	0	6
TDSMEAS	MG/L	Maximum	0	0	0	0	1100	0	1200	1300	590	670	1100	0	1300
TDSMEAS	MG/L	Exceedance(>1000)	0	0	0	0	1	0	1	1	0	0	1	0	4
TDSMEAS	MG/L	Monthly Average	0	0	0	0	1100	0	1200	1300	590	670	1100	0	1300
TSS	MG/L	# of Samples	0	0	0	0	1	0	1	1	1	1	1	0	6
TSS	MG/L	Maximum	0	0	0	0	<2.0	0	25	2.5	17	<0.50	13	0	25
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	1	0	25	2.5	17	0.25	13	0	25

TABLE 7: Barite Mud Services 2017 TP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
SILVER	UG/L	Maximum	0	0	0	0	0	1	0	0	1.4	0.7	0	0	1.4
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0	1	0	0	1.4	0.7	0	0	1.4
ARSENIC	UG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
ARSENIC	UG/L	Maximum	0	0	0	0	8	6	3	4	9	20	0	0	20
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	7.0	5	2.7	4	8.5	14.1	0	0	14.1
BARIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
BARIUM	UG/L	Maximum	0	0	0	0	0	2340	0	0	2980	2000	0	0	2980
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	2340	0	0	2980	2000	0	0	2980
BORON	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
BORON	UG/L	Maximum	0	0	0	0	0	<5	0	0	10	22	0	0	22
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	2.5	0	0	10	22	0	0	22
CYANIDE	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
CYANIDE	MG/L	Maximum	0	0	0	0	0	<0.002	0	0	0.003	<0.002	0	0	0.003
CYANIDE	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
CYANIDE	MG/L	Monthly Average	0	0	0	0	0	0.001	0	0	0.003	0.001	0	0	0.003
CADMIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
CADMIUM	UG/L	Maximum	0	0	0	0	0	6	0	0	3.34	1.9	0	0	6
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	6	0	0	3.34	1.9	0	0	6
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
CHROMIUM	UG/L	Maximum	0	0	0	0	0	4	0	0	5	4	0	0	5
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	4	0	0	5	4	0	0	5
COPPER	UG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
COPPER	UG/L	Maximum	0	0	0	0	94	70	29	25	71	190	0	0	190
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	80	60.6	26.7	25	59.8	116.4	0	0	116.4

TABLE 7 CONTINUED: Barite Mud Services 2017 TP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
IRON	UG/L	Maximum	0	0	0	0	0	1750	0	0	1550	1080	0	0	1750
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	1750	0	0	1550	1080	0	0	1750
MERCURY	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
MERCURY	UG/L	Maximum	0	0	0	0	0	0.039	0	0	0.046	<0.026	0	0	0.046
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0	0.039	0	0	0.046	0.013	0	0	0.046
NICKEL	UG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
NICKEL	UG/L	Maximum	0	0	0	0	3	3	2	3	3	6	0	0	6
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	3	3	1.7	3	3	4.9	0	0	4.9
AMMONIA	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
AMMONIA	MG/L	Maximum	0	0	0	0	0	<0.03	0	0	0.05	<0.03	0	0	0.05
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0	0.015	0	0	0.05	0.015	0	0	0.05
NITRATE	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
NITRATE	MG/L	Maximum	0	0	0	0	0	<0.05	0	0	<0.05	<0.5	0	0	<0.5
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0.025	0.25	0	0	0.25
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
ORTHOPHOS	MG/L	Maximum	0	0	0	0	0	<0.01	0	0	<0.01	<0.01	0	0	<0.01
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0	0.005	0	0	0.005	0.005	0	0	0.005
LEAD	UG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
LEAD	UG/L	Maximum	0	0	0	0	721	730	478	294	568	1310	0	0	1310
LEAD	UG/L	Exceedance(>200)	0	0	0	0	2	5	3	1	4	7	0	0	22
LEAD	UG/L	Monthly Average	0	0	0	0	654.5	618.2	458	294	491.8	867.7	0	0	867.7
PH	PH UNITS	# of Samples	0	0	0	0	2	4	3	1	3	6	0	0	19
PH	PH UNITS	Maximum	0	0	0	0	7.63	7.40	7.35	7.70	7.84	7.87	0	0	7.87
PH	PH UNITS	Minimum	0	0	0	0	7.26	7.35	7.18	7.70	7.55	7.79	0	0	7.18
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 7 CONTINUED: Barite Mud Services 2017 TP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PHENOL	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
PHENOL	MG/L	Maximum	0	0	0	0	0	<0.001	0	0	0.003	<0.001	0	0	0.003
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0	0.0005	0	0	0.003	0.0005	0	0	0.003
SELENIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
SELENIUM	UG/L	Maximum	0	0	0	0	0	<1	0	0	<1	1	0	0	1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0.5	1	0	0	1
SULPHIDE	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
SULPHIDE	MG/L	Maximum	0	0	0	0	0	<0.05	0	0	0.09	<0.05	0	0	0.09
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0.09	0.025	0	0	0.09
TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	1	0	0	3
TDS	MG/L	Maximum	0	0	0	0	0	70	0	0	133	159	0	0	159
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	0	70	0	0	133	159	0	0	159
TSS	MG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
TSS	MG/L	Maximum	0	0	0	0	48	23	9	17	35	122	0	0	122
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	0	0	0	1	6	0	0	8
TSS	MG/L	Monthly Average	0	0	0	0	35.5	17.4	8.0	17.0	24.0	74.7	0	0	74.7
ZINC	UG/L	# of Samples	0	0	0	0	2	5	3	1	4	7	0	0	22
ZINC	UG/L	Maximum	0	0	0	0	2570	2450	2070	551	1170	3550	0	0	3550
ZINC	UG/L	Exceedance(>500)	0	0	0	0	2	5	3	1	4	7	0	0	0*
ZINC	UG/L	Monthly Average	0	0	0	0	2315	2202	2003	551	1013	2305	0	0	2315
*Due to background levels identified from historical impacts in TP1, these are not considered exceedances.															

TABLE 8: Beaver Brook 2017 Site 16

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	1	0	0	0	1	1	0	0	1	0	4
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	1	0	0	0	1	1	0	0	1	0	4
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	1	0	0	0	1	1	0	0	1	0	4
RAINBOW TROUT	PASS/FAIL	Pass	0	0	1	0	0	0	1	1	0	0	1	0	4
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
ARSENIC	UG/L	Maximum	87	110	119	0	131	157	174	153	139	133	108	103	174
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	84.8	102.0	107.3	0	113.3	141.3	160.8	145.8	123.5	110.7	99.5	97.5	160.8
COPPER	UG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
COPPER	UG/L	Maximum	<1	<1	<1	0	1	4	1	<1	2	2	1	2	4
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0.5	0.5	0.5	0	0.7	0.9	0.8	0.5	1.1	1.2	0.9	1.3	1.3
NICKEL	UG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
NICKEL	UG/L	Maximum	15	17	14	0	14	12	12	11	11	12	13	12	17
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	14.8	15.5	13.3	0	13.7	11.5	11.0	10.5	9.5	11.0	12.8	11.8	15.5
LEAD	UG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
LEAD	UG/L	Maximum	<0.5	<0.5	9.1	0	1.3	<0.5	<0.5	<0.5	1.6	0.8	<0.5	0.6	9.1
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.3	0.3	3.5	0	1.0	0.3	0.3	0.3	0.7	0.4	0.3	0.4	3.5
PH	PH UNITS	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
PH	PH UNITS	Maximum	8.27	8.19	8.14	0	8.53	8.3	8.6	8.41	8.31	8.24	8.3	8.2	8.6
PH	PH UNITS	Minimum	8.13	8.11	8.08	0	8.26	8.22	8.48	8.35	7.94	8.04	8.26	8.14	7.94
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	1	0	0	0	1	1	0	0	1	0	4
RADIUM226	BQ/L	Maximum	0	0	0.010	0	0	0	<0.006	<0.005	0	0	0.006	0	0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0.010	0	0	0	0.003	0.003	0	0	0.006	0	0.010

TABLE 8 CONTINUED: Beaver Brook 2017 Site 16

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
TSS	MG/L	Maximum	<2	<2	5	0	5	<2	<2	<2	4.4	2.8	1.2	1.2	5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.0	1.0	3.3	0	3.3	1.0	1.0	0.8	2.3	1.4	0.9	0.9	3.3
ZINC	UG/L	# of Samples	4	4	4	0	3	4	4	4	5	5	4	4	45
ZINC	UG/L	Maximum	9	7	9	0	9	8	<5	<5	7	9	6	7	9
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	8.3	6.3	8.3	0	7.3	3.2	2.5	2.5	4.0	5.1	4.0	6.5	8.3

TABLE 9: Canada Fluorspar Incorporated 2017 WQ STA 22

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
SILVER	MG/L	Maximum	0	0	0	0	0	0.0003	0.0002	<0.0001	<0.00025	0.0006	<0.0001	<0.00025	0.0006
SILVER	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	MG/L	Monthly Average	0	0	0	0	0	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002
ARSENIC	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
ARSENIC	MG/L	Maximum	0	0	0	0	0	0.004	0.005	0.008	0.009	0.009	0.009	0.004	0.009
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0	0.003	0.004	0.006	0.007	0.007	0.005	0.004	0.007
BARIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
BARIUM	MG/L	Maximum	0	0	0	0	0	0.042	0.067	0.062	0.032	0.023	0.021	0.021	0.067
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	0	0.026	0.049	0.048	0.026	0.022	0.019	0.017	0.049
BORON	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
BORON	MG/L	Maximum	0	0	0	0	0	0.010	0.019	0.015	0.018	0.010	0.012	0.009	0.019
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0	0.009	0.015	0.014	0.013	0.010	0.010	0.009	0.015
CADMIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
CADMIUM	MG/L	Maximum	0	0	0	0	0	0.00042	0.00059	0.00046	0.00022	0.00013	0.00020	0.00022	0.00059
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0	0	0	0	0	0.00026	0.00042	0.00039	0.00016	0.00012	0.00014	0.00017	0.00042
CHROMIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
CHROMIUM	MG/L	Maximum	0	0	0	0	0	0.002	0.002	0.004	0.002	0.002	0.002	0.002	0.004
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002
COPPER	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
COPPER	MG/L	Maximum	0	0	0	0	0	0.007	0.014	0.017	0.006	0.005	0.006	0.006	0.017
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0	0.005	0.010	0.010	0.005	0.004	0.005	0.006	0.010
IRON	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
IRON	MG/L	Maximum	0	0	0	0	0	2.30	2.24	5.00	2.68	2.85	3.19	2.55	5.00
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	0	1.86	1.84	3.21	2.46	2.37	2.25	1.94	3.21

TABLE 9 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 22

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
MERCURY	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.026	0	0	<0.026	<0.026
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.013	0	0	0.013	0.013
NICKEL	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
NICKEL	MG/L	Maximum	0	0	0	0	0	0.003	0.003	0.004	0.003	<0.002	0.002	<0.002	0.004
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0	0.002	0.003	0.003	0.001	0.001	0.001	0.001	0.003
AMMONIA	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
AMMONIA	MG/L	Maximum	0	0	0	0	0	2.23	1.23	0.68	0.12	0.14	0.22	0.15	2.23
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	1	0	0	0	0	0	0	1
AMMONIA	MG/L	Monthly Average	0	0	0	0	0	1.11	1.09	0.28	0.05	0.08	0.08	0.09	1.11
NITRATE	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
NITRATE	MG/L	Maximum	0	0	0	0	0	4.03	2.92	3.78	3.56	0.98	0.89	0.67	4.03
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0	2.38	2.63	2.07	1.42	0.83	0.72	0.62	2.63
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
ORTHOPHOS	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.01	0	0	<0.01	<0.01
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.005	0	0	0.005	0.005
LEAD	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
LEAD	MG/L	Maximum	0	0	0	0	0	0.0323	0.0653	0.0648	0.0263	0.0193	0.0257	0.0294	0.0653
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0	0.0244	0.0524	0.0465	0.0188	0.0168	0.0196	0.0211	0.0524
PH	PH UNITS	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
PH	PH UNITS	Maximum	0	0	0	0	0	6.77	7.21	7.36	6.76	6.47	6.36	6.72	7.36
PH	PH UNITS	Minimum	0	0	0	0	0	6.30	7.02	7.02	6.31	6.16	6.09	6.13	6.09
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
PHENOL	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.002	0	0	<0.001	<0.002
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.001	0	0	0.0005	0.001

TABLE 9 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 22

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
SELENIUM	MG/L	Maximum	0	0	0	0	0	0.001	0.001	<0.001	0.001	0.001	<0.001	0.001	0.001
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0	0.0007	0.0006	0.0005	0.0006	0.0006	0.0005	0.0006	0.0007
SULPHIDE	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
SULPHIDE	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.02	0	0	<0.05	<0.05
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.01	0	0	0.025	0.025
TDS (MEAS)	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
TDS (MEAS)	MG/L	Maximum	0	0	0	0	0	156	114	150	92	80	78	76	156
TDS (MEAS)	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS (MEAS)	MG/L	Monthly Average	0	0	0	0	0	98.7	96.0	103.2	72.6	61.5	62.0	65.5	103.2
TPH (PIRI)	MG/L	# of Samples	0	0	0	0	0	0	1	1	1	1	1	1	6
TPH (PIRI)	MG/L	Maximum	0	0	0	0	0	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0	0	0	0	0	0	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TSS	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
TSS	MG/L	Maximum	0	0	0	0	0	12	19	65	10	<5	8	32	65
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	1	0	0	0	1	2
TSS	MG/L	Monthly Average	0	0	0	0	0	8.7	12.3	27.4	4.5	2.5	4.3	12.0	27.4
ZINC	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
ZINC	MG/L	Maximum	0	0	0	0	0	0.081	0.102	0.102	0.054	0.036	0.043	0.045	0.102
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0	0.060	0.081	0.079	0.040	0.035	0.037	0.040	0.081

TABLE 10: Canada Fluorspar Incorporated 2017 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
SILVER	MG/L	Maximum	0	0	0	0	0	0.0002	<0.0001	0.0001	<0.00025	0.0003	<0.0001	<0.00025	0.0003
SILVER	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	MG/L	Monthly Average	0	0	0	0	0	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
ARSENIC	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
ARSENIC	MG/L	Maximum	0	0	0	0	0	0.003	0.008	0.007	0.003	0.003	0.003	0.002	0.008
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0	0.003	0.005	0.004	0.002	0.002	0.002	0.002	0.005
BARIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
BARIUM	MG/L	Maximum	0	0	0	0	0	0.009	0.01	0.015	0.012	0.012	0.012	0.013	0.015
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	0	0.006	0.006	0.007	0.010	0.011	0.010	0.011	0.011
BORON	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
BORON	MG/L	Maximum	0	0	0	0	0	0.009	0.012	0.014	0.012	0.007	0.009	0.007	0.014
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0	0.008	0.009	0.011	0.010	0.007	0.007	0.007	0.011
CADMIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
CADMIUM	MG/L	Maximum	0	0	0	0	0	0.00013	0.00016	0.00018	0.00015	0.00010	0.00021	0.00049	0.00049
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0	0	0	0	0	0.00010	0.00012	0.00012	0.00011	0.00008	0.00014	0.00027	0.00027
CHROMIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
CHROMIUM	MG/L	Maximum	0	0	0	0	0	0.001	0.002	0.002	0.002	0.001	0.002	0.002	0.002
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0	0.001	0.002	0.0018	0.001	0.00075	0.0012	0.0015	0.002
COPPER	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
COPPER	MG/L	Maximum	0	0	0	0	0	0.005	0.009	0.006	0.004	0.003	0.006	0.007	0.009
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0	0.004	0.007	0.004	0.003	0.003	0.004	0.005	0.007
IRON	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
IRON	MG/L	Maximum	0	0	0	0	0	0.97	1.64	2.57	1.74	0.83	1.22	1.47	2.57
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	0	0.84	1.47	1.77	1.01	0.51	0.90	1.09	1.77

TABLE 10 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
MERCURY	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.026	0	0	0.037	0.037
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.013	0	0	0.037	0.037
NICKEL	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
NICKEL	MG/L	Maximum	0	0	0	0	0	<0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	0.002
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0	0.001	0.001	0.0012	0.001	0.001	0.001	0.001	0.0012
AMMONIA	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
AMMONIA	MG/L	Maximum	0	0	0	0	0	<0.05	<0.05	0.06	1.32	0.17	0.19	0.15	1.32
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0	0.025	0.025	0.032	0.284	0.1375	0.14	0.11	0.284
NITRATE	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
NITRATE	MG/L	Maximum	0	0	0	0	0	0.37	0.13	3.06	8.76	3.04	0.72	0.59	8.76
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0	0.14	0.07	0.76	3.82	1.56	0.30	0.31	3.82
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
ORTHOPHOS	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.01	0	0	<0.01	<0.01
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.005	0	0	0.005	0.005
LEAD	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
LEAD	MG/L	Maximum	0	0	0	0	0	0.0211	0.0305	0.0208	0.0167	0.0086	0.019	0.0185	0.0305
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0	0.0164	0.0243	0.0153	0.0105	0.0059	0.0121	0.0162	0.0243
PH	PH UNITS	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
PH	PH UNITS	Maximum	0	0	0	0	0	5.65	5.75	5.64	5.62	6.24	5.93	6.07	6.24
PH	PH UNITS	Minimum	0	0	0	0	0	5.32	5.57	4.85	4.42	5.62	5.17	5.25	4.42
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	1	0	3	4	0	1	2	11
PHENOL	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
PHENOL	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.001	0	0	<0.001	<0.001
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0005	0	0	0.0005	0.0005

TABLE 10 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
SELENIUM	MG/L	Maximum	0	0	0	0	0	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005	0.0006
SULPHIDE	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
SULPHIDE	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.05	0	0	<0.05	<0.05
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.025	0	0	0.025	0.025
TDS (MEAS)	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
TDS (MEAS)	MG/L	Maximum	0	0	0	0	0	252	102	112	78	84	104	92	252
TDS (MEAS)	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS (MEAS)	MG/L	Monthly Average	0	0	0	0	0	125.3	67.5	87.2	67.4	60.5	76.0	74.8	125.3
TPH (PIRI)	MG/L	# of Samples	0	0	0	0	0	0	1	1	1	1	1	1	6
TPH (PIRI)	MG/L	Maximum	0	0	0	0	0	0	<0.1	0.7	<0.1	<0.1	<0.1	<0.1	0.7
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0	0	0	0	0	0	0.05	0.7	0.05	0.05	0.05	0.05	0.7
TSS	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
TSS	MG/L	Maximum	0	0	0	0	0	<5	<5	11	9	15	<5	17	17
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	2.5	2.5	5.4	5.1	8.0	2.5	10.4	10.4
ZINC	MG/L	# of Samples	0	0	0	0	0	3	4	5	5	4	5	4	30
ZINC	MG/L	Maximum	0	0	0	0	0	0.058	0.074	0.071	0.150	0.027	0.073	0.140	0.150
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0	0.040	0.055	0.050	0.069	0.021	0.045	0.081	0.081

TABLE 11: Canada Fluorspar Incorporated 2017 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
SILVER	MG/L	Maximum	<0.0001	<0.0001	<0.0001	<0.0001	<0.00025	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002	<0.00025
SILVER	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	MG/L	Monthly Average	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
ARSENIC	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
ARSENIC	MG/L	Maximum	<0.002	<0.002	<0.002	0.002	0.003	0.006	0.004	0.005	0.01	0.003	0.005	0.008	0.01
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.002	0.004	0.003	0.003	0.005	0.002	0.002	0.004	0.005
BARIUM	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
BARIUM	MG/L	Maximum	0.027	0.017	0.024	0.033	0.031	0.043	0.057	0.052	0.124	0.056	0.073	0.071	0.124
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0.019	0.017	0.022	0.022	0.025	0.038	0.044	0.042	0.070	0.047	0.047	0.051	0.070
BORON	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
BORON	MG/L	Maximum	0.011	0.01	0.008	0.009	0.009	0.01	0.014	0.012	0.023	0.013	0.014	0.011	0.023
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0.007	0.007	0.008	0.008	0.008	0.009	0.011	0.010	0.017	0.012	0.010	0.010	0.017
CADMIUM	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
CADMIUM	MG/L	Maximum	0.00018	0.00010	0.00015	0.00013	0.00023	0.00045	0.00052	0.00045	0.00156	0.00043	0.00084	0.00128	0.00156
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0.00014	0.00008	0.00013	0.00011	0.00014	0.00030	0.00032	0.00029	0.00081	0.00031	0.00037	0.00055	0.00081
CHROMIUM	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
CHROMIUM	MG/L	Maximum	0.002	0.001	0.005	0.002	0.003	0.003	0.002	0.003	0.007	0.001	0.004	0.004	0.007
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0.002	0.001	0.003	0.002	0.002	0.002	0.002	0.001	0.003	0.001	0.002	0.002	0.003
COPPER	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
COPPER	MG/L	Maximum	0.004	0.002	0.005	0.005	0.009	0.014	0.014	0.016	0.043	0.006	0.025	0.032	0.043
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.003	0.001	0.005	0.004	0.006	0.008	0.010	0.008	0.017	0.005	0.011	0.015	0.017
IRON	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
IRON	MG/L	Maximum	0.93	0.45	1.22	1.01	2.25	2.02	1.66	2.36	7.10	1.08	2.62	3.08	7.10
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0.75	0.41	0.98	0.86	1.13	1.38	1.15	1.31	2.94	0.68	1.24	1.40	2.94

TABLE 11 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	1	3
MERCURY	UG/L	Maximum	0	0	0	0	<0.026	0	0	0	<0.026	0	0	<0.026	<0.026
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.013	0	0	0	0.013	0	0	0.013	0.013
NICKEL	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
NICKEL	MG/L	Maximum	0.002	<0.002	0.002	0.003	0.004	0.003	0.003	0.004	0.007	0.002	0.004	0.004	0.007
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.004	0.002	0.002	0.003	0.004
AMMONIA	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
AMMONIA	MG/L	Maximum	0.11	0.27	<0.05	0.16	0.23	0.09	0.13	0.06	0.23	0.08	0.07	0.12	0.27
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0.09	0.11	0.03	0.08	0.11	0.04	0.05	0.03	0.08	0.05	0.03	0.08	0.11
NITRATE	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
NITRATE	MG/L	Maximum	1.23	0.81	0.86	0.84	2.56	2.07	4.6	3.23	17.5	4.58	3.32	3.72	17.5
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	2	0	0	0	2
NITRATE	MG/L	Monthly Average	0.87	0.73	0.72	0.71	1.73	1.91	3.43	2.78	9.38	3.91	2.65	2.64	9.38
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	1	3
ORTHOPHOS	MG/L	Maximum	0	0	0	0	<0.01	0	0	0	<0.01	0	0	<0.01	<0.01
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0.005	0	0	0	0.005	0	0	0.005	0.005
LEAD	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
LEAD	MG/L	Maximum	0.0162	0.0084	0.0167	0.0163	0.0238	0.0500	0.1250	0.0897	0.3990	0.0324	0.2300	0.3220	0.3990
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	1	0	1	1	3
LEAD	MG/L	Monthly Average	0.0125	0.0061	0.0136	0.0120	0.0128	0.0323	0.0627	0.0391	0.1264	0.0217	0.0834	0.1182	0.1264
PH	PH UNITS	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
PH	PH UNITS	Maximum	6.73	6.85	7.18	6.93	7.20	7.22	7.16	7.22	7.40	7.00	6.71	7.27	7.40
PH	PH UNITS	Minimum	6.49	6.66	6.71	6.70	6.51	6.87	6.95	6.90	6.78	6.69	6.43	6.73	6.43
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	1	3
PHENOL	MG/L	Maximum	0	0	0	0	<0.001	0	0	0	<0.001	0	0	<0.001	<0.001
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0.0005	0.0005

TABLE 11 CONTINUED: Canada Fluorspar Incorporated 2017 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
SELENIUM	MG/L	Maximum	0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001	<0.001	<0.001	0.001	<0.001	0.001	0.001
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
SULPHIDE	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	1	3
SULPHIDE	MG/L	Maximum	0	0	0	0	<0.05	0	0	0	<0.05	0	0	<0.05	<0.05
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0.025	0.025
TDS (MEAS)	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
TDS (MEAS)	MG/L	Maximum	1320	110	74	110	138	124	132	150	172	134	166	156	1320
TDS (MEAS)	MG/L	Exceedance(>1000)	1	0	0	0	0	0	0	0	0	0	0	0	1
TDS (MEAS)	MG/L	Monthly Average	365.0	58.0	55.0	68.0	102.0	96.8	109.0	97.2	130.8	107.5	114.8	113.5	365.0
TPH (PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TPH (PIRI)	MG/L	Maximum	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TSS	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
TSS	MG/L	Maximum	10	10	6	8	45	31	16	19	55	5	25	53	55
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	1	0	0	1	0	0	1	4
TSS	MG/L	Monthly Average	4.4	5.0	3.4	3.9	12.2	12.1	6.8	7.9	17.9	3.1	9.1	20.0	20.0
ZINC	MG/L	# of Samples	4	3	4	4	5	5	4	5	5	4	5	4	52
ZINC	MG/L	Maximum	0.039	0.020	0.039	0.038	0.070	0.136	0.110	0.120	0.299	0.044	0.176	0.199	0.299
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.031	0.019	0.035	0.032	0.036	0.079	0.065	0.055	0.124	0.034	0.071	0.088	0.124

TABLE 12: Carino 2017 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
SILVER	UG/L	Maximum	<0.10	0	<0.10	0	<0.10	0	<0.10	0	<0.10	0	0	<0.10	<0.10
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0.05	0	0.05	0	0.05	0	0.05	0	0.05	0	0	0.05	0.05
ARSENIC	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
ARSENIC	UG/L	Maximum	<1.0	0	<1.0	0	8.5	0	<1.0	0	<1.0	0	0	<1.0	8.5
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0.5	0	0.5	0	4.5	0	0.5	0	0.5	0	0	0.5	4.5
BARIUM	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
BARIUM	UG/L	Maximum	6.4	0	5	0	19	0	<1.0	0	12	0	0	3.1	19
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	6.4	0	5	0	14	0	0.5	0	12	0	0	1.8	14
BORON	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
BORON	UG/L	Maximum	<50	0	<50	0	59	0	<50	0	<50	0	0	<50	59
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	25	0	25	0	42	0	25	0	25	0	0	25	42
BOD5/ CBOD5	MG/L	# of Samples	3	0	4	2	3	2	0	0	3	3	2	2	24
BOD5/ CBOD5	MG/L	Maximum	470	0	560	1200	710	740	0	0	700	850	320	160	1200
BOD5/ CBOD5	MG/L	Exceedance(>20)	3	0	4	2	3	2	0	0	3	3	2	2	24
BOD5/ CBOD5	MG/L	Monthly Average	430	0	360	825	563.3333	690.0	0	0	536.7	646.7	310	104	825
CADMIUM	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
CADMIUM	UG/L	Maximum	0.071	0	0.090	0	0.140	0	0.180	0	<0.010	0	0	0.220	0.220
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.071	0	0.090	0	0.125	0	0.180	0	0.005	0	0	0.129	0.180
CHROMIUM	UG/L	# of Samples	1	0	1	1	2	0	1	0	1	0	1	2	10
CHROMIUM	UG/L	Maximum	310	0	7.7	36	500	0	1900	0	52	0	18	290	1900
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	1	0	0	0	0	0	1
CHROMIUM	UG/L	Monthly Average	310	0	7.7	36	370	0	1900	0	52	0	18	155	1900
COPPER	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
COPPER	UG/L	Maximum	67	0	39	0	170	0	200	0	94	0	0	90	200
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	67	0	39	0	99	0	200	0	94	0	0	61	200

CBOD5 was analysed instead of BOD5.

TABLE 12 CONTINUED: Carino 2017 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	UG/L	# of Samples	4	0	5	1	5	2	1	0	4	3	1	4	30
IRON	UG/L	Maximum	20000	0	29000	40000	140000	7200	180000	0	27000	19000	10000	8200	180000
IRON	UG/L	Exceedance(>10000)	3	0	3	1	3	0	1	0	4	2	0	0	17
IRON	UG/L	Monthly Average	12450	0	16740	40000	40260	5850	180000	0	16500	11467	10000	4750	180000
MERCURY	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
MERCURY	UG/L	Maximum	0.035	0	<0.013	0	2.3	0	<0.013	0	<0.013	0	0	0.023	2.3
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.035	0	0.007	0	1.166	0	0.007	0	0.007	0	0	0.015	1.166
NICKEL	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
NICKEL	UG/L	Maximum	40	0	69	0	71	0	110	0	75	0	0	57	110
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	40	0	69	0	70	0	110	0	75	0	0	39	110
AMMONIA	MG/L	# of Samples	4	0	5	2	5	2	1	0	4	3	2	4	32
AMMONIA	MG/L	Maximum	4.7	0	13	75	140	11	44	0	8.2	4.9	2.7	1.7	140
AMMONIA	MG/L	Exceedance(>2)	2	0	4	1	5	2	1	0	4	2	2	0	23
AMMONIA	MG/L	Monthly Average	3.08	0	6.98	41.3	44.74	9.2	44	0	6.13	3.57	2.7	1.5	44.74
NITRATE	MG/L	# of Samples	1	0	1	0	1	0	0	0	0	0	0	0	3
NITRATE	MG/L	Maximum	0.110	0	0.061	0	<0.050	0	0	0	0	0	0	0	0.110
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.110	0	0.061	0	0.025	0	0	0	0	0	0	0	0.110
ORTHOPHOS	MG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
ORTHOPHOS	MG/L	Maximum	<0.010	0	<0.010	0	0.027	0	<0.010	0	0.015	0	0	<0.010	0.027
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0.005	0	0.005	0	0.016	0	0.005	0	0.015	0	0	0.005	0.016
LEAD	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
LEAD	UG/L	Maximum	3.4	0	1.3	0	14	0	7.6	0	8.4	0	0	0.52	14
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	3.4	0	1.3	0	10.6	0	7.6	0	8.4	0	0	0.385	10.6
PH	PH UNITS	# of Samples	4	0	5	2	5	2	1	0	4	3	2	4	32
PH	PH UNITS	Maximum	7.36	0	8.30	12.00	11.30	8.28	7.75	0	7.24	7.44	7.37	7.47	12.00
PH	PH UNITS	Minimum	6.29	0	7.19	7.03	4.07	7.93	7.75	0	6.97	7.34	7.22	7.13	4.07
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	1	2	0	0	0	0	0	0	0	3

TABLE 12 CONTINUED: Carino 2017 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PHENOL	MG/L	# of Samples	4	0	5	2	5	2	1	0	4	3	2	4	32
PHENOL	MG/L	Maximum	0.64	0	4.4	0.52	0.44	4.7	0.13	0	0.77	0.65	0.22	0.49	4.7
PHENOL	MG/L	Exceedance(>0.1)	4	0	5	2	5	2	1	0	4	3	2	4	32
PHENOL	MG/L	Monthly Average	0.51	0	1.88	0.47	0.32	4.65	0.13	0	0.48	0.46	0.22	0.31	4.65
SELENIUM	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
SELENIUM	UG/L	Maximum	<1.0	0	<1.0	0	18	0	<1.0	0	<1.0	0	0	<1.0	18
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0.5	0	0.5	0	9.85	0	0.5	0	0.5	0	0	0.5	9.85
SULPHIDE	MG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
SULPHIDE	MG/L	Maximum	0.042	0	<0.020	0	0.69	0	<0.020	0	0.025	0	0	0.056	0.69
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	0	0	0	0	1
SULPHIDE	MG/L	Monthly Average	0.042	0	0.01	0	0.35	0	0.01	0	0.025	0	0	0.033	0.35
TDS	MG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
TDS	MG/L	Maximum	5500	0	5000	0	6000	0	5000	0	12000	0	0	8200	12000
TDS	MG/L	Exceedance(>1000)	1	0	1	0	2	0	1	0	1	0	0	2	8
TDS	MG/L	Monthly Average	5500	0	5000	0	5100	0	5000	0	12000	0	0	5600	12000
TOG	MG/L	# of Samples	3	0	4	2	3	2	0	0	3	3	2	2	24
TOG	MG/L	Maximum	43	0	130	14	12	13	0	0	90	34	47	13	130
TOG	MG/L	Exceedance(>15)	1	0	3	0	0	0	0	0	3	3	2	0	12
TOG	MG/L	Monthly Average	21.8	0	50.8	11.6	9.4	12.0	0	0	54.7	28.7	43.0	6.6	54.7
TSS	MG/L	# of Samples	4	0	5	2	5	2	1	0	4	3	2	4	32
TSS	MG/L	Maximum	92	0	230	400	750	29	15	0	40	23	28	18	750
TSS	MG/L	Exceedance(>30)	3	0	4	1	4	0	0	0	1	0	0	0	13
TSS	MG/L	Monthly Average	57.5	0	100.2	212.5	186.8	22.5	15.0	0	15.4	16.6	19.0	11.6	212.5
ZINC	UG/L	# of Samples	1	0	1	0	2	0	1	0	1	0	0	2	8
ZINC	UG/L	Maximum	67	0	39	0	180	0	190	0	130	0	0	120	190
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	67	0	39	0	145	0	190	0	130	0	0	63.55	190

TABLE 13: Central Regional Service Board 2017 SW9

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
SILVER	UG/L	Maximum	0	0	0	0	<0.10	0	<0.10	0	<0.10	<0.10	<0.10	0	<0.10
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0.05	0	0.05	0	0.05	0.05	0.05	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
ARSENIC	UG/L	Maximum	0	0	0	0	2.8	0	9.4	0	7.6	<1.0	3.6	0	9.4
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	2.8	0	9.4	0	7.6	0.5	3.6	0	9.4
BARIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
BARIUM	UG/L	Maximum	0	0	0	0	90	0	230	0	200	180	150	0	230
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	90	0	230	0	200	180	150	0	230
BORON	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
BORON	UG/L	Maximum	0	0	0	0	150	0	940	0	1100	1200	1200	0	1200
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	150	0	940	0	1100	1200	1200	0	1200
BOD5/ CBOD5	MG/L	# of Samples	1	1	1	1	1	2	1	1	1	1	1	1	13
BOD5/ CBOD5	MG/L	Maximum	32	73	55	4.4	8.2	5.4	7.2	7	16	15	17	7.1	73
BOD5/ CBOD5	MG/L	Exceedance(>20)	1	1	1	0	0	0	0	0	0	0	0	0	3
BOD5/ CBOD5	MG/L	Monthly Average	32	73	55	4.4	8.2	5.4	7.2	7	16	15	17	7.1	73
CADMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
CADMIUM	UG/L	Maximum	0	0	0	0	0.018	0	<0.010	0	0.012	<0.010	0.011	0	0.018
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.018	0	0.005	0	0.012	0.005	0.011	0	0.018
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
CHROMIUM	UG/L	Maximum	0	0	0	0	2.4	0	4	0	2.9	<1.0	2.8	0	4
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	2.4	0	4	0	2.9	0.5	2.8	0	4
COPPER	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
COPPER	UG/L	Maximum	0	0	0	0	<2.0	0	<2.0	0	<2.0	<2.0	<2.0	0	<2.0
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	1	0	1	0	1	1	1	0	1

CBOD5 was analysed instead of BOD5.

TABLE 13 CONTINUED: Central Regional Service Board 2017 SW9

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	UG/L	# of Samples	1	1	1	1	2	2	2	1	2	1	2	1	17
IRON	UG/L	Maximum	3200	9000	9400	800	1000	1500	2100	1900	1100	<50	260	690	9400
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	3200	9000	9400	800	990	1500	1445	1900	1050	25	205	690	9400
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	0	<0.013	0	<0.013	0	<0.013	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.0065	0	0.0065	0	0.0065	0	0.0065	0	0.0065
NICKEL	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
NICKEL	UG/L	Maximum	0	0	0	0	4.4	0	23	0	29	34	34	0	34
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	4.4	0	23	0	29	34	34	0	34
AMMONIA	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
AMMONIA	MG/L	Maximum	0	0	0	0	18	0	45	0	18	0	13	0	45
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	1	0	1	0	1	0	1	0	4
AMMONIA	MG/L	Monthly Average	0	0	0	0	18	0	45	0	18	0	13	0	45
NITRATE	MG/L	# of Samples	1	1	1	1	2	0	0	0	0	0	0	0	6
NITRATE	MG/L	Maximum	<0.050	0.067	<0.050	0.53	0.37	0	0	0	0	0	0	0	0.53
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.025	0.067	0.025	0.53	0.33	0	0	0	0	0	0	0	0.53
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
ORTHOPHOS	MG/L	Maximum	0	0	0	0	<0.010	0	<0.010	0	0.01	0	0.01	0	0.01
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0.005	0	0.005	0	0.01	0	0.01	0	0.01
LEAD	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
LEAD	UG/L	Maximum	0	0	0	0	<0.50	0	<0.50	0	<0.50	<0.50	<0.50	0	<0.50
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0.25	0	0.25	0	0.25	0.25	0.25	0	0.25
PH	PH UNITS	# of Samples	1	1	1	1	2	2	2	1	2	1	2	1	17
PH	PH UNITS	Maximum	7.94	8.11	8.03	8.15	7.9	8.2	8.36	8.29	8.34	8.31	8.24	8.41	8.41
PH	PH UNITS	Minimum	7.94	8.11	8.03	8.15	7.85	8.2	8.28	8.29	8.26	8.31	7.88	8.41	7.85
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 13 CONTINUED: Central Regional Service Board 2017 SW9

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PHENOL	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
PHENOL	MG/L	Maximum	0	0	0	0	0.0093	0	0.0054	0	0.011	0	0.0027	0	0.011
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.0093	0	0.0054	0	0.011	0	0.0027	0	0.011
SELENIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
SELENIUM	UG/L	Maximum	0	0	0	0	<1.0	0	<1.0	0	<1.0	<1.0	<1.0	0	<1.0
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0.5	0	0.5	0	0.5	0.5	0.5	0	0.5
SULPHIDE	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
SULPHIDE	MG/L	Maximum	0	0	0	0	<0.020	0	<0.020	0	<0.020	0	<0.020	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0.01	0	0.01	0	0.01	0	0.01	0	0.01
TDS	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	1	0	4
TDS	MG/L	Maximum	0	0	0	0	240	0	880	0	960	0	1000	0	1000
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	240	0	880	0	960	0	1000	0	1000
TSS	MG/L	# of Samples	1	1	1	1	2	2	2	1	2	1	2	1	17
TSS	MG/L	Maximum	30	68	130	6.2	11	15	13	7.4	16	7.5	7.6	13	130
TSS	MG/L	Exceedance(>30)	0	1	1	0	0	0	0	0	0	0	0	0	2
TSS	MG/L	Monthly Average	30	68	130	6.2	10.3	15	10.8	7.4	11.3	7.5	5.2	13	130
ZINC	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	1	1	0	5
ZINC	UG/L	Maximum	0	0	0	0	3200	0	62	0	22	<5.0	220	0	3200
ZINC	UG/L	Exceedance(>500)	0	0	0	0	1	0	0	0	0	0	0	0	1
ZINC	UG/L	Monthly Average	0	0	0	0	3200	0	62	0	22	2.5	220	0	3200

TABLE 14: City of St. John's - Robin Hood Bay Landfill 2017 LW2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
BORON	UG/L	Maximum	0	0	0	0	1600	0	1600	0	0	1800	0	0	1800
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	1600	0	1600	0	0	1800	0	0	1800
CADMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
CADMIUM	UG/L	Maximum	0	0	0	0	0.018	0	<0.010	0	0	<0.010	0	0	0.018
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.018	0	0.005	0	0	0.005	0	0	0.018
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
CHROMIUM	UG/L	Maximum	0	0	0	0	8.4	0	4.8	0	0	4.5	0	0	8.4
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	8.4	0	4.8	0	0	4.5	0	0	8.4
CHROMIUM (VI)	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
CHROMIUM (VI)	UG/L	Maximum	0	0	0	0	<0.50	0	<0.50	0	0	<0.50	0	0	<0.50
CHROMIUM (VI)	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM (VI)	UG/L	Monthly Average	0	0	0	0	0.25	0	0.25	0	0	0.25	0	0	0.25
COPPER	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
COPPER	UG/L	Maximum	0	0	0	0	<2.0	0	<2.0	0	0	<2.0	0	0	<2.0
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	1	0	1	0	0	1	0	0	1
IRON	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
IRON	UG/L	Maximum	0	0	0	0	31000	0	29000	0	0	24000	0	0	31000
IRON	UG/L	Exceedance(>15000)	0	0	0	0	1	0	1	0	0	1	0	0	3
IRON	UG/L	Monthly Average	0	0	0	0	31000	0	29000	0	0	24000	0	0	31000
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	0	<0.013	0	0	<0.013	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.0065	0	0.0065	0	0	0.0065	0	0	0.0065
NICKEL	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
NICKEL	UG/L	Maximum	0	0	0	0	14	0	12	0	0	12	0	0	14
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	14	0	12	0	0	12	0	0	14

TABLE 14 CONTINUED: City of St. John's - Robin Hood Bay Landfill 2017 LW2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
ORTHOPHOS	MG/L	Maximum	0	0	0	0	<0.010	0	0.013	0	0	<0.010	0	0	0.013
ORTHOPHOS	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0.005	0	0.013	0	0	0.005	0	0	0.013
LEAD	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
LEAD	UG/L	Maximum	0	0	0	0	0.7	0	<0.50	0	0	<0.50	0	0	0.7
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0.7	0	0.25	0	0	0.25	0	0	0.7
PH	PH UNITS	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
PH	PH UNITS	Maximum	0	0	0	0	7.25	0	7.21	0	0	7.19	0	0	7.25
PH	PH UNITS	Minimum	0	0	0	0	7.25	0	7.21	0	0	7.19	0	0	7.19
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
PHENOL	MG/L	Maximum	0	0	0	0	0.057	0	0.014	0	0	0.0069	0	0	0.057
PHENOL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.057	0	0.014	0	0	0.0069	0	0	0.057
TPH (PIRI)	MG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
TPH (PIRI)	MG/L	Maximum	0	0	0	0	0.4	0	0.64	0	0	0.43	0	0	0.64
TPH (PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0	0	0	0	0.4	0	0.64	0	0	0.43	0	0	0.64
TSS	MG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
TSS	MG/L	Maximum	0	0	0	0	68	0	72	0	0	55	0	0	72
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	68	0	72	0	0	55	0	0	72
ZINC	UG/L	# of Samples	0	0	0	0	1	0	1	0	0	1	0	0	3
ZINC	UG/L	Maximum	0	0	0	0	25	0	12	0	0	8.2	0	0	25
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	25	0	12	0	0	8.2	0	0	25

TABLE 15: Corner Brook Pulp and Paper 2017 East Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	5	4	4	4	4	4	5	4	4	5	4	4	51
DAPHNIA MAGNA	PASS/FAIL	Pass	5	4	4	4	4	4	5	4	4	5	4	4	51
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	0	0	0	3
PH	PH UNITS	Maximum	7.67	0	0	7.5	0	0	7.67	0	0	0	0	0	7.67
PH	PH UNITS	Minimum	7.67	0	0	7.5	0	0	7.67	0	0	0	0	0	7.5
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 16: Corner Brook Pulp and Paper 2017 Effluent Treatment

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	5	4	4	4	4	4	5	4	4	5	4	4	51
DAPHNIA MAGNA	PASS/FAIL	Pass	5	4	4	4	4	4	5	4	4	5	4	4	51
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	0	0	0	3
PH	PH UNITS	Maximum	7.29	0	0	7.43	0	0	7.38	0	0	0	0	0	7.43
PH	PH UNITS	Minimum	7.29	0	0	7.43	0	0	7.38	0	0	0	0	0	7.29
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 17: Corner Brook Pulp and Paper 2017 Total Mill Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	Tonnes/ Day	# of Samples	31	28	31	30	31	30	31	31	30	30	30	31	364
TSS	Tonnes/ Day	Maximum	11.6	5.8	8.8	8.0	7.8	8.0	6.1	5.3	7.2	7.3	7.0	7.1	11.6
TSS	Tonnes/ Day	Exceedance (>15.66)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	Tonnes/ Day	Average	3.8	2.7	2.6	3.5	3.2	3.8	2.6	2.9	3.7	2.9	3.1	2.9	3.8
TSS	Tonnes/ Day	Exceedance (>9.39)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	Tonnes/ Day	# of Samples	13	12	14	12	14	13	12	15	12	14	14	12	157
BOD	Tonnes/ Day	Maximum	3.0	1.4	1.4	0.9	1.4	0.7	0.8	0.6	0.6	0.6	1.1	1.3	3.0
BOD	Tonnes/ Day	Exceedance (>10.44)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	Tonnes/ Day	Average	1.3	0.8	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.5	0.6	1.3
BOD	Tonnes/ Day	Exceedance (>6.26)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18: Country Ribbon Incorporated (White Hills Road) 2017 Post DAF Sampling

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
BORON	UG/L	Maximum	0	0	<50	0	0	<50	0	0	0	<50	0	0	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	25	0	0	25	0	0	0	25	0	0	25
BOD5/ CBOD5	MG/L	# of Samples	4	4	4	4	5	4	4	5	4	4	1	2	45
BOD5/ CBOD5	MG/L	Maximum	590	480	420	390	430	490	500	440	410	540	310	330	590
BOD5/ CBOD5	MG/L	Exceedance(>300)	3	2	1	1	1	2	3	4	1	3	1	1	23
BOD5/ CBOD5	MG/L	Monthly Average	407.5	350	230	265	268	335	340	354.0	250.0	352.5	310.0	255.0	407.5
CADMIUM	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
CADMIUM	UG/L	Maximum	0	0	0.041	0	0	0.054	0	0	0	0.055	0	0	0.055
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0.041	0	0	0.054	0	0	0	0.055	0	0	0.055
CHROMIUM	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
CHROMIUM	UG/L	Maximum	0	0	2	0	0	2.1	0	0	0	1.9	0	0	2.1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	2	0	0	2.1	0	0	0	1.9	0	0	2.1
COPPER	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
COPPER	UG/L	Maximum	0	0	84	0	0	91	0	0	0	84	0	0	91
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	84	0	0	91	0	0	0	84	0	0	91
IRON	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
IRON	UG/L	Maximum	0	0	220	0	0	350	0	0	0	350	0	0	350
IRON	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	220	0	0	350	0	0	0	350	0	0	350
MERCURY	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
MERCURY	UG/L	Maximum	0	0	<0.013	0	0	<0.013	0	0	0	<0.013	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0.007	0	0	0.007	0	0	0	0.007	0	0	0.007
NICKEL	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
NICKEL	UG/L	Maximum	0	0	2.3	0	0	2	0	0	0	2.1	0	0	2.3
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	2.3	0	0	2	0	0	0	2.1	0	0	2.3

CBOD5 was analysed instead of BOD5.

TABLE 18 CONTINUED: Country Ribbon Incorporated (White Hills Road) 2017 Post DAF Sampling

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ORTHOPHOS	MG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
ORTHOPHOS	MG/L	Maximum	0	0	1.9	0	0	4.9	0	0	0	5.4	0	0	5.4
ORTHOPHOS	MG/L	Exceedance(>4.36)	0	0	0	0	0	1	0	0	0	1	0	0	2
ORTHOPHOS	MG/L	Monthly Average	0	0	1.9	0	0	4.9	0	0	0	5.4	0	0	5.4
LEAD	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
LEAD	UG/L	Maximum	0	0	<0.50	0	0	<0.50	0	0	0	<0.50	0	0	<0.50
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0.25	0	0	0.25	0	0	0	0.25	0	0	0.25
PH	PH UNITS	# of Samples	4	4	5	4	5	5	4	5	4	5	1	2	48
PH	PH UNITS	Maximum	6.62	6.53	6.98	6.85	6.63	6.69	6.53	6.88	7.13	6.6	6.52	6.61	7.13
PH	PH UNITS	Minimum	6.19	6.11	6.55	6.41	6.37	6.24	6.4	6.41	6.47	6.37	6.52	6.42	6.11
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
PHENOL	MG/L	Maximum	0	0	0.240	0	0	0.002	0	0	0	0.011	0	0	0.240
PHENOL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0.240	0	0	0.002	0	0	0	0.011	0	0	0.240
TOG	MG/L	# of Samples	4	4	4	4	5	4	4	5	4	4	1	2	45
TOG	MG/L	Maximum	250	120	120	140	110	230	160	150	160	170	96	140	250
TOG	MG/L	Exceedance(>100)	3	1	1	1	1	1	1	2	1	3	0	1	16
TOG	MG/L	Monthly Average	139.3	68.5	62.0	71.5	64.8	111.8	95.0	114.8	68.5	117.8	96.0	95.5	139.3
TSS	MG/L	# of Samples	4	4	4	4	5	4	4	5	4	4	1	2	45
TSS	MG/L	Maximum	300	330	340	340	380	370	410	370	340	390	240	340	410
TSS	MG/L	Exceedance(>350)	0	0	0	0	1	1	2	1	0	3	0	0	8
TSS	MG/L	Monthly Average	200	222.5	197.5	210	222.4	272.5	300	300	200	320	240	235	320
ZINC	UG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	0	3
ZINC	UG/L	Maximum	0	0	62	0	0	63	0	0	0	64	0	0	64
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	62	0	0	63	0	0	0	64	0	0	64

TABLE 19: DJ Composites 2017 Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
BORON	UG/L	Maximum	0	0	0	0	<50	0	0	0	0	0	0	<50	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	25	0	0	0	0	0	0	25	25
BOD5/ CBOD5	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
BOD5/ CBOD5	MG/L	Maximum	0	0	0	0	<2.0	0	0	0	0	0	0	<2.0	<2.0
BOD5/ CBOD5	MG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD5/ CBOD5	MG/L	Monthly Average	0	0	0	0	1	0	0	0	0	0	0	1	2
CADMIUM	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
CADMIUM	UG/L	Maximum	0	0	0	0	<0.010	0	0	0	0	0	0	<0.010	<0.010
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.005	0	0	0	0	0	0	0.005	0.005
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
CHROMIUM	UG/L	Maximum	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0	<1.0
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0	0	0	0	0.5	0.5
CHROMIUM (VI)	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
CHROMIUM (VI)	UG/L	Maximum	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50	<0.50
CHROMIUM (VI)	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM (VI)	UG/L	Monthly Average	0	0	0	0	0.25	0	0	0	0	0	0	0.25	0.25
COPPER	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
COPPER	UG/L	Maximum	0	0	0	0	<2.0	0	0	0	0	0	0	<2.0	<2.0
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	1	0	0	0	0	0	0	1	1
IRON	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
IRON	UG/L	Maximum	0	0	0	0	<50	0	0	0	0	0	0	<50	<50
IRON	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	25	0	0	0	0	0	0	25	25
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
MERCURY	UG/L	Maximum	0	0	0	0	0.17	0	0	0	0	0	0	<0.013	0.17
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.17	0	0	0	0	0	0	0.0065	0.17

CBOD5 was analysed instead of BOD5.

TABLE 19 CONTINUED: DJ Composites 2017 Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NICKEL	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
NICKEL	UG/L	Maximum	0	0	0	0	<2.0	0	0	0	0	0	0	<2.0	<2.0
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	1	0	0	0	0	0	0	1	1
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
ORTHOPHOS	MG/L	Maximum	0	0	0	0	1.1	0	0	0	0	0	0	0.21	1.1
ORTHOPHOS	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	1.1	0	0	0	0	0	0	0.21	1.1
LEAD	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	1	2
LEAD	UG/L	Maximum	0	0	0	0	0	22	0	0	0	0	0	<0.50	22
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	22	0	0	0	0	0	0.25	22
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
PH	PH UNITS	Maximum	0	0	0	0	7.5	0	0	0	0	0	0	7.07	7.5
PH	PH UNITS	Minimum	0	0	0	0	7.5	0	0	0	0	0	0	7.07	7.07
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
PHENOL	MG/L	Maximum	0	0	0	0	0.22	0	0	0	0	0	0	0.056	0.22
PHENOL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0.22	0	0	0	0	0	0	0.056	0.22
TOG	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
TOG	MG/L	Maximum	0	0	0	0	12	0	0	0	0	0	0	14	14
TOG	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	0	0	0	0	12	0	0	0	0	0	0	14	14
TPH (PIRI)	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
TPH (PIRI)	MG/L	Maximum	0	0	0	0	2.6	0	0	0	0	0	0	3.4	3.4
TPH (PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0	0	0	0	2.6	0	0	0	0	0	0	3.4	3.4
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
TSS	MG/L	Maximum	0	0	0	0	9.6	0	0	0	0	0	0	3.2	9.6
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	9.6	0	0	0	0	0	0	3.2	9.6

TABLE 19 CONTINUED: DJ Composites 2017 Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ZINC	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	1	2
ZINC	UG/L	Maximum	0	0	0	0	<5.0	0	0	0	0	0	0	<5.0	<5.0
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	2.5	0	0	0	0	0	0	2.5	2.5

TABLE 20: Department of Natural Resources (Buchans) 2017 PH1& PH2 Combined

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ARSENIC	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
BARIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BARIUM	MG/L	Maximum	0	0	0	0	0.028	0	0	0	0.032	0	0	0	0.032
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	0.028	0	0	0	0.032	0	0	0	0.032
BORON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BORON	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
CADMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CADMIUM	MG/L	Maximum	0	0	0	0	0.03	0	0	0	0.033	0	0	0	0.033
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0	0	0	0	0.03	0	0	0	0.033	0	0	0	0.033
CHROMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CHROMIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	MG/L	Maximum	0	0	0	0	0.088	0	0	0	0.09	0	0	0	0.09
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.088	0	0	0	0.09	0	0	0	0.09
IRON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
IRON	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	0	0	0	<0.013	0	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.0065	0	0	0	0.0065	0	0	0	0.0065

TABLE 20 CONTINUED: Department of Natural Resources (Buchans) 2017 PH1& PH2 Combined

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NICKEL	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
NICKEL	MG/L	Maximum	0	0	0	0	0.0041	0	0	0	0.0041	0	0	0	0.0041
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.0041	0	0	0	0.0041	0	0	0	0.0041
AMMONIA	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
AMMONIA	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
NITRATE	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
NITRATE	MG/L	Maximum	0	0	0	0	1.1	0	0	0	0	0	0	0	1.1
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	1.1	0	0	0	0	0	0	0	1.1
LEAD	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Maximum	0	0	0	0	0.0062	0	0	0	0.0026	0	0	0	0.0062
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.0062	0	0	0	0.0026	0	0	0	0.0062
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
PH	PH UNITS	Maximum	0	0	0	0	6.26	0	0	0	6.75	0	0	0	6.75
PH	PH UNITS	Minimum	0	0	0	0	6.26	0	0	0	6.75	0	0	0	6.26
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
SELENIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
TDS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TDS	MG/L	Maximum	0	0	0	0	230	0	0	0	240	0	0	0	240
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	230	0	0	0	240	0	0	0	240
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	<1.0	0	0	0	1.6	0	0	0	1.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0.5	0	0	0	1.6	0	0	0	1.6

TABLE 20 CONTINUED: Department of Natural Resources (Buchans) 2017 PH1& PH2 Combined

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ZINC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Maximum	0	0	0	0	14	0	0	0	14	0	0	0	14
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Monthly Average	0	0	0	0	14	0	0	0	14	0	0	0	14

TABLE 21: Department of Natural Resources (Buchans) 2017 Site 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ARSENIC	MG/L	Maximum	0	0	0	0	0.0077	0	0	0	0.01	0	0	0	0.01
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0077	0	0	0	0.01	0	0	0	0.01
BARIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BARIUM	MG/L	Maximum	0	0	0	0	3.9	0	0	0	3.2	0	0	0	3.9
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	3.9	0	0	0	3.2	0	0	0	3.9
BORON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BORON	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
CADMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CADMIUM	MG/L	Maximum	0	0	0	0	0.007	0	0	0	0.0039	0	0	0	0.007
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0	0	0	0	0.007	0	0	0	0.0039	0	0	0	0.007
CHROMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CHROMIUM	MG/L	Maximum	0	0	0	0	0.0053	0	0	0	0.0054	0	0	0	0.0054
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0.0053	0	0	0	0.0054	0	0	0	0.0054
COPPER	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	MG/L	Maximum	0	0	0	0	0.084	0	0	0	0.06	0	0	0	0.084
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.084	0	0	0	0.06	0	0	0	0.084

TABLE 21 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
IRON	MG/L	Maximum	0	0	0	0	2.2	0	0	0	1.8	0	0	0	2.2
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	2.2	0	0	0	1.8	0	0	0	2.2
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
MERCURY	UG/L	Maximum	0	0	0	0	0.045	0	0	0	0.038	0	0	0	0.045
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.045	0	0	0	0.038	0	0	0	0.045
NICKEL	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
NICKEL	MG/L	Maximum	0	0	0	0	0.0023	0	0	0	0.0027	0	0	0	0.0027
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.0023	0	0	0	0.0027	0	0	0	0.0027
AMMONIA	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
AMMONIA	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
NITRATE	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
NITRATE	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	0	0	0	0	<0.050
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0	0	0	0	0.025
LEAD	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Maximum	0	0	0	0	0.63	0	0	0	0.45	0	0	0	0.63
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Monthly Average	0	0	0	0	0.63	0	0	0	0.45	0	0	0	0.63
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
PH	PH UNITS	Maximum	0	0	0	0	7.11	0	0	0	7.84	0	0	0	7.84
PH	PH UNITS	Minimum	0	0	0	0	7.11	0	0	0	7.84	0	0	0	7.11
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
SELENIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005

TABLE 21 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TDS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TDS	MG/L	Maximum	0	0	0	0	69	0	0	0	140	0	0	0	140
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	69	0	0	0	140	0	0	0	140
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	34	0	0	0	45	0	0	0	45
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	0	0	0	1	0	0	0	2
TSS	MG/L	Monthly Average	0	0	0	0	34	0	0	0	45	0	0	0	45
ZINC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Maximum	0	0	0	0	2.2	0	0	0	1.2	0	0	0	2.2
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Monthly Average	0	0	0	0	2.2	0	0	0	1.2	0	0	0	2.2

TABLE 22: Department of Natural Resources (Buchans) 2017 Site 12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ARSENIC	MG/L	Maximum	0	0	0	0	0.02	0	0	0	<0.0010	0	0	0	0.02
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.02	0	0	0	0.0005	0	0	0	0.02
BARIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BARIUM	MG/L	Maximum	0	0	0	0	2.6	0	0	0	0.055	0	0	0	2.6
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	2.6	0	0	0	0.055	0	0	0	2.6
BORON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BORON	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
CADMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CADMIUM	MG/L	Maximum	0	0	0	0	0.077	0	0	0	0.08	0	0	0	0.08
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	1	0	0	0	1	0	0	0	2
CADMIUM	MG/L	Monthly Average	0	0	0	0	0.077	0	0	0	0.08	0	0	0	0.08

TABLE 22 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
CHROMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CHROMIUM	MG/L	Maximum	0	0	0	0	0.0089	0	0	0	<0.0010	0	0	0	0.0089
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0.0089	0	0	0	0.0005	0	0	0	0.0089
COPPER	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	MG/L	Maximum	0	0	0	0	1.1	0	0	0	0.53	0	0	0	1.1
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	MG/L	Monthly Average	0	0	0	0	1.1	0	0	0	0.53	0	0	0	1.1
IRON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
IRON	MG/L	Maximum	0	0	0	0	5.8	0	0	0	0.15	0	0	0	5.8
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	5.8	0	0	0	0.15	0	0	0	5.8
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
MERCURY	UG/L	Maximum	0	0	0	0	0.018	0	0	0	<0.013	0	0	0	0.018
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.018	0	0	0	0.0065	0	0	0	0.018
NICKEL	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
NICKEL	MG/L	Maximum	0	0	0	0	0.0059	0	0	0	0.0079	0	0	0	0.0079
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.0059	0	0	0	0.0079	0	0	0	0.0079
AMMONIA	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
AMMONIA	MG/L	Maximum	0	0	0	0	<0.10	0	0	0	<0.050	0	0	0	<0.10
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.05	0	0	0	0.025	0	0	0	0.05
NITRATE	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
NITRATE	MG/L	Maximum	0	0	0	0	0.15	0	0	0	0	0	0	0	0.15
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0.15	0	0	0	0	0	0	0	0.15
LEAD	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Maximum	0	0	0	0	3.8	0	0	0	0.39	0	0	0	3.8
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Monthly Average	0	0	0	0	3.8	0	0	0	0.39	0	0	0	3.8

TABLE 22 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
PH	PH UNITS	Maximum	0	0	0	0	6.69	0	0	0	7.34	0	0	0	7.34
PH	PH UNITS	Minimum	0	0	0	0	6.69	0	0	0	7.34	0	0	0	6.69
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
SELENIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
TDS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TDS	MG/L	Maximum	0	0	0	0	130	0	0	0	320	0	0	0	320
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	130	0	0	0	320	0	0	0	320
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	82	0	0	0	5.8	0	0	0	82
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	0	0	0	0	82	0	0	0	5.8	0	0	0	82
ZINC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Maximum	0	0	0	0	21	0	0	0	22	0	0	0	22
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Monthly Average	0	0	0	0	21	0	0	0	22	0	0	0	22

TABLE 23: Department of Natural Resources (Buchans) 2017 Site 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ARSENIC	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
BARIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BARIUM	MG/L	Maximum	0	0	0	0	0.85	0	0	0	0.49	0	0	0	0.85
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0	0	0	0	0.85	0	0	0	0.49	0	0	0	0.85

TABLE 23 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
BORON	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025
CADMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CADMIUM	MG/L	Maximum	0	0	0	0	0.0021	0	0	0	0.0025	0	0	0	0.0025
CADMIUM	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	MG/L	Monthly Average	0	0	0	0	0.0021	0	0	0	0.0025	0	0	0	0.0025
CHROMIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
CHROMIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	MG/L	Maximum	0	0	0	0	0.015	0	0	0	0.017	0	0	0	0.017
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.015	0	0	0	0.017	0	0	0	0.017
IRON	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
IRON	MG/L	Maximum	0	0	0	0	0.41	0	0	0	0.16	0	0	0	0.41
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0	0	0	0	0.41	0	0	0	0.16	0	0	0	0.41
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
MERCURY	UG/L	Maximum	0	0	0	0	<0.013	0	0	0	<0.013	0	0	0	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.0065	0	0	0	0.0065	0	0	0	0.0065
NICKEL	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
NICKEL	MG/L	Maximum	0	0	0	0	<0.0020	0	0	0	<0.0020	0	0	0	<0.0020
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.001	0	0	0	0.001	0	0	0	0.001
AMMONIA	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
AMMONIA	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	<0.050	0	0	0	<0.050
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0.025	0	0	0	0.025

TABLE 23 CONTINUED: Department of Natural Resources (Buchans) 2017 Site 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NITRATE	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
NITRATE	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	0	0	0	0	<0.050
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0	0	0	0	0.025
LEAD	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
LEAD	MG/L	Maximum	0	0	0	0	0.1	0	0	0	0.091	0	0	0	0.1
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.1	0	0	0	0.091	0	0	0	0.1
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
PH	PH UNITS	Maximum	0	0	0	0	7.07	0	0	0	7.49	0	0	0	7.49
PH	PH UNITS	Minimum	0	0	0	0	7.07	0	0	0	7.49	0	0	0	7.07
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
SELENIUM	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	<0.0010	0	0	0	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0.0005	0	0	0	0.0005
TDS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TDS	MG/L	Maximum	0	0	0	0	30	0	0	0	36	0	0	0	36
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	30	0	0	0	36	0	0	0	36
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	5.4	0	0	0	<0.50	0	0	0	5.4
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	5.4	0	0	0	0.25	0	0	0	5.4
ZINC	MG/L	# of Samples	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Maximum	0	0	0	0	0.62	0	0	0	0.64	0	0	0	0.64
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	1	0	0	0	2
ZINC	MG/L	Monthly Average	0	0	0	0	0.62	0	0	0	0.64	0	0	0	0.64

TABLE 24: Department of Natural Resources (Hope Brook)2017 BHB#6

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SILVER	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.1	0	0	0	<0.1
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.05	0	0	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	25	0	0	0	25
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	25	0	0	0	25
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	16	0	0	0	16
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	16	0	0	0	16
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.514	0	0	0	0.514
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.514	0	0	0	0.514
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	207	0	0	0	207
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	207	0	0	0	207
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	109	0	0	0	109
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	109	0	0	0	109

TABLE 24 CONTINUED: Department of Natural Resources (Hope Brook) 2017 BHB#6

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	6	0	0	0	6
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	6	0	0	0	6
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	1.2	0	0	0	1.2
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1.2	0	0	0	1.2
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	6.11	0	0	0	6.11
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	6.11	0	0	0	6.11
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	100	0	0	0	100
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	100	0	0	0	100

TABLE 25: Department of Natural Resources (Hope Brook)2017 Banana Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1

TABLE 25 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Banana Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	17	0	0	0	17
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	17	0	0	0	17
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	15	0	0	0	15
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	15	0	0	0	15
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.071	0	0	0	0.071
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.071	0	0	0	0.071
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	20	0	0	0	20
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	20	0	0	0	20
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	397	0	0	0	397
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	397	0	0	0	397
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	2	0	0	0	2
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	2	0	0	0	2
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25

TABLE 25 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Banana Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	6.82	0	0	0	6.82
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	6.82	0	0	0	6.82
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	15	0	0	0	15
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	15	0	0	0	15

TABLE 26: Department of Natural Resources (Hope Brook) 2017 Catch Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	15	0	0	0	15
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	15	0	0	0	15
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	6	0	0	0	6
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	6	0	0	0	6

TABLE 26 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Catch Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.03	0	0	0	0.03
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.03	0	0	0	0.03
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	10	0	0	0	10
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	10	0	0	0	10
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	361	0	0	0	361
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	361	0	0	0	361
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	5	0	0	0	5
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	5	0	0	0	5
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	7.15	0	0	0	7.15
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	7.15	0	0	0	7.15
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5

TABLE 26 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Catch Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	8	0	0	0	8
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	8	0	0	0	8

TABLE 27: Department of Natural Resources (Hope Brook) 2017 Inlet to BHB

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	14	0	0	0	14
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	14	0	0	0	14
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	9	0	0	0	9
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	9	0	0	0	9
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.024	0	0	0	0.024
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.024	0	0	0	0.024
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5

TABLE 27 CONTINUED: Department of Natural Resources (Hope Brook)2017 Inlet to BHB

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	7	0	0	0	7
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	7	0	0	0	7
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	235	0	0	0	235
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	235	0	0	0	235
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	2	0	0	0	2
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	2	0	0	0	2
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	6.82	0	0	0	6.82
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	6.82	0	0	0	6.82
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	21	0	0	0	21
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	21	0	0	0	21

TABLE 28: Department of Natural Resources (Hope Brook) 2017 Open Pit Spillway

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	11	0	0	0	11
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	11	0	0	0	11
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	10	0	0	0	10
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	10	0	0	0	10
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.045	0	0	0	0.045
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.045	0	0	0	0.045
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	3	0	0	0	3
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	3	0	0	0	3
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	958	0	0	0	958
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	958	0	0	0	958
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	11	0	0	0	11
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	11	0	0	0	11

TABLE 28 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Open Pit Spillway

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	7.51	0	0	0	7.51
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	7.51	0	0	0	7.51
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	94	0	0	0	94
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	94	0	0	0	94

TABLE 29: Department of Natural Resources (Hope Brook) 2017 Pine Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	27	0	0	0	27
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	27	0	0	0	27

TABLE 29 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Pine Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	6	0	0	0	6
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	6	0	0	0	6
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.017	0	0	0	<0.017
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.009	0	0	0	0.009
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	8	0	0	0	8
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	8	0	0	0	8
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	337	0	0	0	337
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	337	0	0	0	337
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	6.79	0	0	0	6.79
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	6.79	0	0	0	6.79
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 29 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Pine Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	15	0	0	0	15
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	15	0	0	0	15

TABLE 30: Department of Natural Resources (Hope Brook) 2017 Polish Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SILVER	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.1	0	0	0	<0.1
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.05	0	0	0	0.05
ARSENIC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ARSENIC	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BARIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	32	0	0	0	32
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	32	0	0	0	32
BORON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
BORON	UG/L	Maximum	0	0	0	0	0	0	0	0	15	0	0	0	15
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	15	0	0	0	15

TABLE 30 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Polish Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
CADMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CADMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	0.019	0	0	0	0.019
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.019	0	0	0	0.019
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
CHROMIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
COPPER	UG/L	Maximum	0	0	0	0	0	0	0	0	11	0	0	0	11
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	0	0	0	11	0	0	0	11
IRON	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
IRON	UG/L	Maximum	0	0	0	0	0	0	0	0	287	0	0	0	287
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	0	0	0	287	0	0	0	287
NICKEL	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
NICKEL	UG/L	Maximum	0	0	0	0	0	0	0	0	<2	0	0	0	<2
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
LEAD	UG/L	Maximum	0	0	0	0	0	0	0	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	6.72	0	0	0	6.72
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	6.72	0	0	0	6.72
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
SELENIUM	UG/L	Maximum	0	0	0	0	0	0	0	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0.5	0	0	0	0.5

TABLE 30 CONTINUED: Department of Natural Resources (Hope Brook) 2017 Polish Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	0	1
ZINC	UG/L	Maximum	0	0	0	0	0	0	0	0	9	0	0	0	9
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	0	0	0	9	0	0	0	9

Table 31: Department of Natural Resources (Gullbridge) 2017 Below Berm

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
SILVER	UG/L	Maximum	0	0	0	0	<0.6	0	<0.1	0	<0.1	0	0	0	<0.6
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0.3	0	0.05	0	0.05	0	0	0	0.3
ARSENIC	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
ARSENIC	UG/L	Maximum	0	0	0	0	0.1	0	<2	0	<2	0	0	0	<2
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0.1	0	1	0	1	0	0	0	1
BARIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
BARIUM	UG/L	Maximum	0	0	0	0	21.9	0	13	0	27	0	0	0	27
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	21.9	0	13	0	27	0	0	0	27
BORON	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
BORON	UG/L	Maximum	0	0	0	0	<4	0	<5	0	6	0	0	0	6
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	2	0	2.5	0	6	0	0	0	6
CADMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
CADMIUM	UG/L	Maximum	0	0	0	0	<0.2	0	0.019	0	0.373	0	0	0	0.373
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0.1	0	0.019	0	0.373	0	0	0	0.373
CHROMIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
CHROMIUM	UG/L	Maximum	0	0	0	0	0.3	0	<1	0	1	0	0	0	1
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0.3	0	0.5	0	1	0	0	0	1
COPPER	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
COPPER	UG/L	Maximum	0	0	0	0	401.8	0	5	0	684	0	0	0	684
COPPER	UG/L	Exceedance(>300)	0	0	0	0	1	0	0	0	1	0	0	0	2
COPPER	UG/L	Monthly Average	0	0	0	0	401.8	0	5	0	684	0	0	0	684
IRON	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
IRON	UG/L	Maximum	0	0	0	0	915.47	0	441	0	1010	0	0	0	1010
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	915.47	0	441	0	1010	0	0	0	1010

Table 31 CONTINUED: Department of Natural Resources (Gullbridge) 2017 Below Berm

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
MERCURY	UG/L	Maximum	0	0	0	0	<0.1	0	0	0	0	0	0	0	<0.1
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05
NICKEL	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
NICKEL	UG/L	Maximum	0	0	0	0	48.3	0	5	0	113	0	0	0	113
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	48.3	0	5	0	113	0	0	0	113
LEAD	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
LEAD	UG/L	Maximum	0	0	0	0	<0.2	0	<0.5	0	<0.5	0	0	0	<0.5
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0.1	0	0.25	0	0.25	0	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
PH	PH UNITS	Maximum	0	0	0	0	4.53	0	7.02	0	4.73	0	0	0	7.02
PH	PH UNITS	Minimum	0	0	0	0	4.53	0	7.02	0	4.73	0	0	0	4.53
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	1	0	0	0	1	0	0	0	2
SELENIUM	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
SELENIUM	UG/L	Maximum	0	0	0	0	<0.8	0	<1	0	<1	0	0	0	<1
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0.4	0	0.5	0	0.5	0	0	0	0.5
TSS	MG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
TSS	MG/L	Maximum	0	0	0	0	<3	0	<5	0	<5	0	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	1.5	0	2.5	0	2.5	0	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	1	0	1	0	1	0	0	0	3
ZINC	UG/L	Maximum	0	0	0	0	43.7	0	18	0	86	0	0	0	86
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	43.7	0	18	0	86	0	0	0	86

TABLE 32: Department of Transportation and Works (Grand Falls) North Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
SILVER	UG/L	Maximum	0	0	0	0	0	0.2	0	0	<0.10	0	0	0	0.2
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0	0	0	0	0	0.2	0	0	0.05	0	0	0	0.2
ARSENIC	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
ARSENIC	UG/L	Maximum	0	0	0	0	0	5.7	0	0	3.2	0	0	0	5.7
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	5.7	0	0	3.2	0	0	0	5.7
BARIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
BARIUM	UG/L	Maximum	0	0	0	0	0	64	0	0	67	0	0	0	67
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	0	0	0	0	0	64	0	0	67	0	0	0	67
BORON	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
BORON	UG/L	Maximum	0	0	0	0	0	61	0	0	99	0	0	0	99
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	0	0	0	0	61	0	0	99	0	0	0	99
CADMIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
CADMIUM	UG/L	Maximum	0	0	0	0	0	0.21	0	0	0.09	0	0	0	0.21
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0	0	0	0	0.21	0	0	0.09	0	0	0	0.21
CHROMIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
CHROMIUM	UG/L	Maximum	0	0	0	0	0	3.4	0	0	4	0	0	0	4
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	0	0	0	0	3.4	0	0	4	0	0	0	4
COPPER	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
COPPER	UG/L	Maximum	0	0	0	0	0	27	0	0	22	0	0	0	27
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	27	0	0	22	0	0	0	27
IRON	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
IRON	UG/L	Maximum	0	0	0	0	0	6500	0	0	1700	0	0	0	6500
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	0	0	0	0	6500	0	0	1700	0	0	0	6500

TABLE 32 CONTINUED: Department of Transportation and Works (Grand Falls) North Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
MERCURY	UG/L	Maximum	0	0	0	0	0	0.16	0	0	0.16	0	0	0	0.16
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0	0	0	0	0.16	0	0	0.16	0	0	0	0.16
NICKEL	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
NICKEL	UG/L	Maximum	0	0	0	0	0	8.2	0	0	6.2	0	0	0	8.2
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	8.2	0	0	6.2	0	0	0	8.2
AMMONIA	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
AMMONIA	MG/L	Maximum	0	0	0	0	0	0.28	0	0	0.23	0	0	0	0.28
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0	0	0	0	0	0.28	0	0	0.23	0	0	0	0.28
ORTHOPHOS	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
ORTHOPHOS	MG/L	Maximum	0	0	0	0	0	<0.010	0	0	0.054	0	0	0	0.054
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0	0	0	0	0.005	0	0	0.054	0	0	0	0.054
LEAD	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
LEAD	UG/L	Maximum	0	0	0	0	0	6.9	0	0	2.8	0	0	0	6.9
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	6.9	0	0	2.8	0	0	0	6.9
PH	PH UNITS	# of Samples	1	0	1	0	1	2	1	1	2	1	1	1	12
PH	PH UNITS	Maximum	7.64	0	7.77	0	7.52	7.77	7.87	7.7	8.07	7.84	7.83	7.86	8.07
PH	PH UNITS	Minimum	7.64	0	7.77	0	7.52	7.61	7.87	7.7	7.81	7.84	7.83	7.86	7.52
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
PHENOL	MG/L	Maximum	0	0	0	0	0	0.0044	0	0	0.0038	0	0	0	0.0044
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0	0	0	0	0.0044	0	0	0.0038	0	0	0	0.0044
SELENIUM	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
SELENIUM	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	<1.0	0	0	0	<1.0
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0.5

TABLE 32 CONTINUED: Department of Transportation and Works (Grand Falls) 2017 North Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SULPHIDE	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
SULPHIDE	MG/L	Maximum	0	0	0	0	0	<0.020	0	0	<0.020	0	0	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0	0	0.01	0	0	0.01	0	0	0	0.01
TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
TDS	MG/L	Maximum	0	0	0	0	0	720	0	0	650	0	0	0	720
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	0	720	0	0	650	0	0	0	720
TPH (PIRI)	MG/L	# of Samples	1	0	1	0	1	1	1	1	1	1	1	1	10
TPH (PIRI)	MG/L	Maximum	0.43	0	0.21	0	0.17	<0.10	<0.10	0.3	0.39	0.21	<0.10	0.11	0.43
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0.43	0	0.21	0	0.17	0.05	0.05	0.3	0.39	0.21	0.05	0.11	0.43
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	0	34	0	0	8	0	0	0	34
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	0	0	0	0	0	34	0	0	8	0	0	0	34
ZINC	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	0	2
ZINC	UG/L	Maximum	0	0	0	0	0	90	0	0	21	0	0	0	90
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	90	0	0	21	0	0	0	90

TABLE 33: Envirosystems 2017 Waste Water Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
BORON	UG/L	Maximum	1000	1300	2700	1400	<50	4100	73	3400	3900	1400	1500	2900	4100
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	605.0	870.0	1590.0	558.3	25.0	2062.5	49.0	886.3	2539.3	1333.3	353.3	1606.7	2539.3
CADMIUM	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
CADMIUM	UG/L	Maximum	<0.10	0.12	<0.10	0.14	0.03	0.014	0.031	0.039	0.047	0.081	<0.010	<0.010	0.14
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.05	0.07	0.04	0.07	0.03	0.01	0.03	0.03	0.01	0.03	0.01	0.01	0.07
CHROMIUM	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
CHROMIUM	UG/L	Maximum	<10	<10	<10	<10	<1.0	<1.0	1.1	<1.0	3.3	4.8	1.8	22	22
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	5.0	5.0	4.9	3.5	0.5	0.5	0.8	0.5	1.1	1.9	0.7	9.4	9.4
COPPER	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
COPPER	UG/L	Maximum	<20	<20	<20	<20	3.4	<2.0	2.7	3.7	17	17	2.1	4.5	17
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	10.0	10.0	8.2	7.5	3.4	1.0	2.4	2.6	5.4	6.3	1.2	2.2	10.0
IRON	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
IRON	UG/L	Maximum	3300	1900	<500	600	740	860	370	930	7300	5600	2800	860	7300
IRON	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	1738	1250	224	292	740	443	340	665	3726	4133	708	483	4133
MERCURY	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
MERCURY	UG/L	Maximum	<0.13	<0.13	<0.13	2.7	<0.13	<0.013	<0.013	<0.013	<0.013	<0.013	0.023	1	2.7
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.065	0.065	0.065	0.943	0.065	0.007	0.007	0.007	0.007	0.007	0.009	0.338	0.943
NICKEL	UG/L	# of Samples	4	3	5	3	1	2	2	3	7	3	6	3	42
NICKEL	UG/L	Maximum	79	160	220	100	4.7	21	5.4	130	280	82	74	190	280
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	43.5	89	138	37	4.7	12.8	4.6	48.1	115.4	76	40	74.7	138
LEAD	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
LEAD	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	1	<0.50	0.55	<0.50	3.6	5.9	<0.50	7.1	7.1
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	2.5	2.5	2.1	1.9	1.0	0.3	0.4	0.3	1.2	2.1	0.3	3.3	3.3

TABLE 33 CONTINUED: Envirosystems 2017 Waste Water Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
PH	PH UNITS	Maximum	7.85	7.54	7.65	8.71	7.49	7.77	7.58	7.84	7.76	7.19	7.78	7.38	8.71
PH	PH UNITS	Minimum	7.04	6.79	6.52	6.68	7.49	6.85	7.07	7.04	6.04	6.39	7.29	6.66	6.04
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
TPH (PIRI)	MG/L	Maximum	6.8	8.7	43	88	1.7	21	0.47	2.8	12	7.4	25	48	88
TPH (PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	2.8	3.4	10.4	30.1	1.7	10.6	0.3	1.0	2.8	5.5	10.6	21.1	30.1
TSS	MG/L	# of Samples	3	3	5	3	1	2	2	4	7	3	6	3	42
TSS	MG/L	Maximum	13	21	14	11	2.8	8.8	3	5.3	25	18	72	50	72
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	10.3	11.3	4.7	5.4	2.8	6.3	1.6	4.7	14.3	8.1	21.5	35.7	35.7
ZINC	UG/L	# of Samples	4	3	5	3	1	2	2	4	7	3	6	3	43
ZINC	UG/L	Maximum	440	390	220	200	26	16	32	35	130	290	280	450	450
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	247.3	276.7	156.8	86.8	26.0	9.3	23.0	27.5	56.7	120.5	116.0	185.7	276.7

TABLE 34: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
SILVER	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
ARSENIC	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ARSENIC	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
BARIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
BARIUM	UG/L	Maximum	52	57	53	53	52	51	54	56	57	56	51	51	57
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	52	57	53	53	52	51	54	56	57	56	51	51	57
BORON	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
BORON	UG/L	Maximum	3000	3300	3200	3400	3300	3300	3300	3400	3700	3500	3700	3700	3700
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	3000	3300	3200	3400	3300	3300	3300	3400	3700	3500	3700	3700	3700
CADMIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
CADMIUM	UG/L	Maximum	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1	0.98	0.98	1	0.97	1.3
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1	0.98	0.98	1	0.97	1.3
CHROMIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
CHROMIUM	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
COPPER	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
COPPER	UG/L	Maximum	<20	<20	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	10	10	10	10	10	1	1	1	1	1	1	1	10
IRON	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
IRON	UG/L	Maximum	760	<500	<500	540	<500	<50	<50	<50	530	<50	<50	<50	760
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	760	250	250	540	250	25	25	25	530	25	25	25	760

TABLE 34 CONTINUED: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
MERCURY	UG/L	Maximum	0.017	0.013	<0.013	0.023	0.02	0.02	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.023
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.017	0.013	0.0065	0.023	0.02	0.02	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.023
NICKEL	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
NICKEL	UG/L	Maximum	<20	<20	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	10	10	10	10	10	1	1	1	1	1	1	1	10
AMMONIA	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
AMMONIA	MG/L	Maximum	6.1	6	5.6	6	6.1	6.6	6.8	6.3	6.2	6.2	6.3	6.1	6.8
AMMONIA	MG/L	Exceedance(>2)	1	1	1	1	1	1	1	1	2	1	1	1	13
AMMONIA	MG/L	Monthly Average	6.1	6	5.6	6	6.1	6.6	6.8	6.3	6.2	6.2	6.3	6.1	6.8
NITRATE	MG/L	# of Samples	1	1	1	1	1	0	0	0	0	0	0	0	5
NITRATE	MG/L	Maximum	0.39	0.28	0.27	0.25	0.23	0	0	0	0	0	0	0	0.39
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.39	0.28	0.27	0.25	0.23	0	0	0	0	0	0	0	0.39
ORTHOPHOS	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ORTHOPHOS	MG/L	Maximum	0.012	0.01	0.01	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.012
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0.012	0.01	0.01	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.012
LEAD	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
LEAD	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
PH	PH UNITS	# of Samples	5	4	4	4	4	4	4	4	5	5	4	4	51
PH	PH UNITS	Maximum	7.71	7.6	7.59	7.64	7.61	7.57	7.7	7.54	7.58	7.71	7.62	7.56	7.71
PH	PH UNITS	Minimum	7.49	7.52	7.48	7.52	7.48	7.46	7.5	7.47	7.44	7.43	7.37	7.53	7.37
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
PHENOL	MG/L	Maximum	0.029	0.013	<0.010	<0.0010	<0.010	0.024	<0.0010	0.019	0.012	<0.0010	<0.0010	0.019	0.029
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0.029	0.013	0.005	0.0005	0.005	0.024	0.0005	0.019	0.012	0.0005	0.0005	0.019	0.029

TABLE 35 CONTINUED: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
SELENIUM	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
SULPHIDE	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
SULPHIDE	MG/L	Maximum	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TDS	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
TDS	MG/L	Maximum	25000	26000	25000	27000	28000	29000	28000	28000	29000	29000	28000	27000	29000
TDS	MG/L	Combined Inflow	26000	26000	26000	28000	29000	29000	28000	29000	29000	30000	29000	28000	30000
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	25000	26000	25000	27000	28000	29000	28000	28000	29000	29000	28000	27000	29000
TPH (PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TPH (PIRI)	MG/L	Maximum	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TSS	MG/L	# of Samples	5	4	4	4	4	4	4	4	5	5	4	4	51
TSS	MG/L	Maximum	3.6	1.8	2.4	6.2	4.2	8.2	2.2	2	3.2	2.4	3.2	4.8	8.2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.56	1.4	1.85	2.425	2.25	3.7	1.7	1.45	2.12	1.41	2.35	3.65	3.7
ZINC	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ZINC	UG/L	Maximum	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	25	25	25	25	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25

TABLE 35: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
SILVER	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.0
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.5
ARSENIC	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ARSENIC	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
BARIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
BARIUM	UG/L	Maximum	110	110	110	110	110	98	100	110	110	110	100	100	110
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	110	110	110	110	110	98	100	110	110	110	100	100	110
BORON	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
BORON	UG/L	Maximum	1700	1700	1700	1900	1800	1900	1900	2000	1900	2000	1900	1800	2000
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	1700	1700	1700	1900	1800	1900	1900	2000	1900	2000	1900	1800	2000
CADMIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
CADMIUM	UG/L	Maximum	1.3	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.3	1.4
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	1.3	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.3	1.4
CHROMIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
CHROMIUM	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
COPPER	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
COPPER	UG/L	Maximum	<20	<20	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	10	10	10	10	10	1	1	1	1	1	1	1	10
IRON	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
IRON	UG/L	Maximum	<500	<500	<500	<500	<500	<50	<50	<50	<50	<50	<50	<50	<500
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	250	250	250	250	250	25	25	25	25	25	25	25	250

TABLE 35 CONTINUED: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
MERCURY	UG/L	Maximum	0.022	0.013	<0.013	0.03	0.022	0.018	0.017	0.017	0.018	0.017	0.023	0.022	0.03
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.022	0.013	0.0065	0.03	0.022	0.018	0.017	0.017	0.018	0.017	0.023	0.022	0.03
NICKEL	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
NICKEL	UG/L	Maximum	<20	<20	<20	<20	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	10	10	10	10	10	1	1	1	1	1	1	1	10
AMMONIA	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
AMMONIA	MG/L	Maximum	4.8	4.6	5.1	4.9	4.9	5.5	5.7	5.6	5.7	5.8	5.9	5.9	5.9
AMMONIA	MG/L	Exceedance(>2)	1	1	1	1	1	1	1	1	2	1	1	1	13
AMMONIA	MG/L	Monthly Average	4.8	4.6	5.1	4.9	4.9	5.5	5.7	5.6	5.7	5.8	5.9	5.9	5.9
NITRATE	MG/L	# of Samples	1	1	1	1	1	0	0	0	0	0	0	0	5
NITRATE	MG/L	Maximum	0.22	0.22	0.2	0.19	0.18	0	0	0	0	0	0	0	0.22
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.22	0.22	0.2	0.19	0.18	0	0	0	0	0	0	0	0.22
ORTHOPHOS	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ORTHOPHOS	MG/L	Maximum	0.017	0.016	0.014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.017
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0.017	0.016	0.014	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.017
LEAD	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
LEAD	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.5
PH	PH UNITS	# of Samples	4	4	5	4	4	5	4	5	5	4	5	4	53
PH	PH UNITS	Maximum	7.61	7.6	7.54	7.65	7.58	7.63	7.7	7.82	7.67	7.55	7.56	7.62	7.82
PH	PH UNITS	Minimum	7.52	7.49	7.48	7.48	7.52	7.36	7.54	7.46	7.5	7.43	7.44	7.55	7.36
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
PHENOL	MG/L	Maximum	0.03	<0.020	<0.010	<0.010	<0.010	0.022	<0.0010	0.046	0.015	0.014	<0.0010	<0.0010	0.046
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0.030	0.010	0.005	0.005	0.005	0.022	0.001	0.046	0.015	0.014	0.001	0.001	0.046

TABLE 35 CONTINUED: Husky Oil Operations-Atlantic (Argentia) Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
SELENIUM	UG/L	Maximum	<10	<10	<10	<10	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
SELENIUM	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	UG/L	Monthly Average	5	5	5	5	5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5
SULPHIDE	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
SULPHIDE	MG/L	Maximum	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
TDS	MG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
TDS	MG/L	Maximum	17000	18000	17000	18000	17000	19000	19000	19000	18000	19000	18000	18000	19000
TDS	MG/L	Combined Inflow	13000	12000	13000	14000	14000	15000	14000	14000	15000	15000	15000	14000	15000
TDS	MG/L	Exceedance(>1000)	1	1	1	1	1	1	1	1	2	1	1	1	13
TDS	MG/L	Monthly Average	17000	18000	17000	18000	17000	19000	19000	19000	18000	19000	18000	18000	19000
TPH (PIRI)	MG/L	# of Samples	1	1	1	1	1	0	1	1	1	1	1	1	11
TPH (PIRI)	MG/L	Maximum	<0.10	<0.10	<0.10	<0.10	<0.10	0	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0.05	0.05	0.05	0.05	0.05	0	0.05	0.05	0.05	0.05	0.05	0.05	0.05
TSS	MG/L	# of Samples	4	4	5	4	4	5	4	5	5	4	5	4	53
TSS	MG/L	Maximum	3.2	1.2	1	2.6	4.2	2	1.6	1.6	1.4	1	2.2	6.2	6.2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.7	0.8	0.7	1.4	1.9	1.1	1.0	1.0	0.9	0.4	1.2	3.1	3.1
ZINC	UG/L	# of Samples	1	1	1	1	1	1	1	1	2	1	1	1	13
ZINC	UG/L	Maximum	<50	<50	<50	<50	<50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	25	25	25	25	25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	25

TABLE 36: Iron Ore Company of Canada (Labrador City) 2017 FDP-HC

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	1	1	1	1	9
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	1	1	1	1	9
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
ARSENIC	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
COPPER	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
COPPER	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.007	<0.002	<0.002	<0.002	<0.002	0.007
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.003	0.001	0.001	0.001	0.001	0.003
NICKEL	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
NICKEL	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LEAD	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
LEAD	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
PH	PH UNITS	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
PH	PH UNITS	Maximum	8.02	7.92	7.99	8.07	7.96	8.00	8.05	8.02	8.13	8.35	7.92	8.19	8.35
PH	PH UNITS	Minimum	7.88	7.87	7.91	7.96	7.83	7.70	7.78	7.82	7.83	7.88	7.76	7.84	7.70
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	# of Samples	0	0	1	0	0	1	0	0	0	0	0	1	3
RA226	BQ/L	Maximum	0	0	<0.01	0	0	<0.01	0	0	0	0	0	<0.01	<0.01
RA226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	Monthly Average	0	0	0.005	0	0	0.005	0	0	0	0	0	0.005	0.005

TABLE 36 CONTINUED: Iron Ore Company of Canada (Labrador City) 2017 FDP-HC

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
TSS	MG/L	Maximum	<1.0	<1.0	<1.0	1	11	1	1	2.2	<1.0	3	2	2.4	11
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.5	0.5	0.5	0.6	4.6	0.6	0.6	1.2	0.5	1.0	1.3	1.3	4.6
ZINC	MG/L	# of Samples	5	3	4	4	5	4	5	4	4	5	4	4	51
ZINC	MG/L	Maximum	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

TABLE 37: Iron Ore Company of Canada (Labrador City) 2017 FDP-MD30

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	0	1	1	1	8
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	0	1	1	1	8
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
ARSENIC	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
COPPER	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
COPPER	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NICKEL	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
NICKEL	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

TABLE 37 CONTINUED: Iron Ore Company of Canada (Labrador City) 2017 FDP-MD30

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
LEAD	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0014	<0.0005	0.0014
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0005	0.0003	0.0005
PH	PH UNITS	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
PH	PH UNITS	Maximum	8.10	8.03	8.01	8.04	7.93	8.12	8.30	8.33	8.22	8.25	8.16	8.15	8.33
PH	PH UNITS	Minimum	7.95	7.91	7.85	7.88	7.52	7.97	8.10	8.04	7.99	8.15	8.02	8.07	7.52
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	# of Samples	0	0	1	0	0	1	0	0	0	0	0	1	3
RA226	BQ/L	Maximum	0	0	<0.01	0	0	<0.01	0	0	0	0	0	<0.01	<0.01
RA226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	Monthly Average	0	0	0.005	0	0	0.005	0	0	0	0	0	0.005	0.005
TSS	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
TSS	MG/L	Maximum	<1.0	<1.0	<1.0	<1.0	3.6	2	2.4	<1.0	<1.0	6	1.4	<1.0	6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.5	0.5	0.5	0.5	1.4	1.2	1.2	0.5	0.5	1.7	0.9	0.5	1.7
ZINC	MG/L	# of Samples	5	4	3	4	5	4	5	4	4	5	4	4	51
ZINC	MG/L	Maximum	0.005	0.008	0.010	0.016	0.006	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.016
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.004	0.006	0.008	0.008	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.008

TABLE 38: Iron Ore Company of Canada (Labrador City) 2017 FDP-TIA

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	1	1	1	1	9
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	1	1	1	1	9
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Pass	1	1	0	0	0	1	1	1	1	1	1	1	9
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 38 CONTINUED: Iron Ore Company of Canada (Labrador City) 2017 FDP-TIA

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
ARSENIC	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
COPPER	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
COPPER	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NICKEL	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
NICKEL	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LEAD	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
LEAD	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
PH	PH UNITS	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
PH	PH UNITS	Maximum	8.07	7.80	7.80	7.92	7.83	7.85	8.01	7.99	8.13	7.92	7.87	7.80	8.13
PH	PH UNITS	Minimum	7.49	7.64	7.68	7.80	6.86	7.64	7.85	7.82	7.62	7.55	7.58	7.68	6.86
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	# of Samples	0	0	1	0	0	1	0	0	0	0	0	1	3
RA226	BQ/L	Maximum	0	0	<0.01	0	0	<0.01	0	0	0	0	0	<0.01	<0.01
RA226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	Monthly Average	0	0	0.005	0	0	0.005	0	0	0	0	0	0.005	0.005
TSS	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
TSS	MG/L	Maximum	1.2	<1.0	<1.0	<1.0	2	2.8	2.6	1	<1.0	10	3.8	1.4	10
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.6	0.5	0.5	0.5	1.2	1.9	1.3	0.6	0.5	2.8	1.9	1.0	2.8
ZINC	MG/L	# of Samples	5	4	3	4	5	5	5	4	4	5	4	4	52
ZINC	MG/L	Maximum	0.006	0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003

TABLE 39: Iron Ore Company of Canada (Labrador City) 2017 FDP-W3-02

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	1	1	1	0	0	3
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	0	0	0	1	1	1	0	0	3
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	1	1	1	0	0	3
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	0	0	0	1	1	1	0	0	3
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
ARSENIC	MG/L	Maximum	0	0	0	0	0	0	0	<0.001	<0.001	<0.001	0	0	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0	0	0	0.0005	0.0005	0.0005	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
COPPER	MG/L	Maximum	0	0	0	0	0	0	0	<0.002	<0.002	<0.002	0	0	<0.002
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0	0	0	0.001	0.001	0.001	0	0	0.001
NICKEL	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
NICKEL	MG/L	Maximum	0	0	0	0	0	0	0	<0.002	<0.002	<0.002	0	0	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0	0	0	0.001	0.001	0.001	0	0	0.001
LEAD	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
LEAD	MG/L	Maximum	0	0	0	0	0	0	0	<0.0005	<0.0005	0.0006	0	0	0.0006
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0	0	0	0.0003	0.0003	0.0003	0	0	0.0003
PH	PH UNITS	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
PH	PH UNITS	Maximum	0	0	0	0	0	0	0	7.69	7.56	7.5	0	0	7.69
PH	PH UNITS	Minimum	0	0	0	0	0	0	0	7.38	7.52	7.26	0	0	7.26
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
RA226	BQ/L	Maximum	0	0	0	0	0	0	0	<0.01	<0.01	<0.01	0	0	<0.01
RA226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	Monthly Average	0	0	0	0	0	0	0	0.005	0.005	0.005	0	0	0.005

TABLE 39 CONTINUED: Iron Ore Company of Canada (Labrador City) 2017 FDP-W3-02

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
TSS	MG/L	Maximum	0	0	0	0	0	0	0	6.6	3.2	8.8	0	0	8.8
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	3.2	2.3	2.9	0	0	3.2
ZINC	MG/L	# of Samples	0	0	0	0	0	0	0	3	4	5	0	0	12
ZINC	MG/L	Maximum	0	0	0	0	0	0	0	<0.005	<0.005	<0.005	0	0	<0.005
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0	0	0	0.003	0.003	0.003	0	0	0.003

TABLE 40: Iron Ore Company of Canada (Labrador City) 2017 MD5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	0	1	1	1	1	1	1	1	7
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	0	1	1	1	1	1	1	1	7
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	0	1	1	1	1	1	1	1	7
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	0	1	1	1	1	1	1	1	7
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
ARSENIC	MG/L	Maximum	0	0	0	0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
COPPER	MG/L	Maximum	0	0	0	0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
NICKEL	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
NICKEL	MG/L	Maximum	0	0	0	0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

TABLE 40 CONTINUED: Iron Ore Company of Canada (Labrador City) 2017 MD5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
LEAD	MG/L	Maximum	0	0	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
PH	PH UNITS	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
PH	PH UNITS	Maximum	0	0	0	0	7.61	7.77	7.90	7.92	7.93	7.82	7.63	7.61	7.93
PH	PH UNITS	Minimum	0	0	0	0	7.43	7.70	7.71	7.78	7.57	7.74	7.51	7.51	7.43
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	# of Samples	0	0	0	0	1	1	1	0	0	0	1	1	5
RA226	BQ/L	Maximum	0	0	0	0	<0.010	<0.010	<0.010	0	0	0	<0.010	<0.010	<0.010
RA226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RA226	BQ/L	Monthly Average	0	0	0	0	0.005	0.005	0.005	0	0	0	0.005	0.005	0.005
TSS	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
TSS	MG/L	Maximum	0	0	0	0	18.0	2.2	5.6	1.0	1.4	7.6	2.0	2.2	18.0
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	6.8	1.7	2.3	0.8	0.9	2.6	1.3	1.8	6.8
ZINC	MG/L	# of Samples	0	0	0	0	4	3	4	4	4	5	4	2	30
ZINC	MG/L	Maximum	0	0	0	0	0.011	0.007	0.010	<0.005	<0.005	0.006	0.007	0.010	0.011
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0.005	0.004	0.004	0.003	0.003	0.003	0.004	0.009	0.009

TABLE 41: Iron Ore Company of Canada (Labrador City) 2017 PD-11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	0	1	1	1	1	0	0	0	4
PH	PH UNITS	Maximum	0	0	0	0	0	7.78	7.60	7.40	7.59	0	0	0	7.78
PH	PH UNITS	Minimum	0	0	0	0	0	7.78	7.60	7.40	7.59	0	0	0	7.40
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	# of Samples	0	0	0	0	0	1	1	1	1	0	0	0	4
TSS	MG/L	Maximum	0	0	0	0	0	1	<1.0	<1.0	<1.0	0	0	0	1
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	1	0.5	0.5	0.5	0	0	0	1

TABLE 42: Iron Ore Company of Canada (Labrador City) 2017 PD-33

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	0	1	1	0	0	0	0	0	2
TSS	MG/L	Maximum	0	0	0	0	0	<1.0	17	0	0	0	0	0	17
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0.5	17	0	0	0	0	0	17

TABLE 43: Iron Ore Company of Canada (Labrador City) 2017 PD-34

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	0	1	1	1	0	0	0	0	3
PH	PH UNITS	Maximum	0	0	0	0	0	7.19	7.13	7.52	0	0	0	0	7.52
PH	PH UNITS	Minimum	0	0	0	0	0	7.19	7.13	7.52	0	0	0	0	7.13
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	# of Samples	0	0	0	0	0	1	1	1	0	0	0	0	3
TSS	MG/L	Maximum	0	0	0	0	0	<1.0	4.8	7.8	0	0	0	0	7.8
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	0.5	4.8	7.8	0	0	0	0	7.8

TABLE 44: Labatt Breweries Newfoundland (St. John's) 2017 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
BORON	UG/L	Maximum	<50	0	0	<50	0	<50	0	0	<50	0	0	<50	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	25	0	0	25	0	25	0	0	25	0	0	25	25
BOD5 /CBOD5	MG/L	# of Samples	5	4	4	4	4	5	5	4	4	4	4	3	50
BOD5 /CBOD5	MG/L	Maximum	1900	1400	1600	1500	1700	2200	1800	1300	1600	1900	1100	2500	2500
BOD5 /CBOD5	MG/L	Exceedance(>300)	3	2	2	2	3	5	4	3	3	4	4	2	37
BOD5 /CBOD5	MG/L	Monthly Average	822	603.5	897.5	782.75	922.5	1352	1118	759	777.5	885	1292.5	1188.7	1352
CADMIUM	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
CADMIUM	UG/L	Maximum	0.069	0	0	0.13	0	0.16	0	0	0.18	0	0	0.11	0.18
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.069	0	0	0.13	0	0.16	0	0	0.18	0	0	0.11	0.18
CHROMIUM	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
CHROMIUM	UG/L	Maximum	14	0	0	36	0	12	0	0	16	0	0	6	36
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	14	0	0	36	0	12	0	0	16	0	0	6	36
COPPER	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
COPPER	UG/L	Maximum	400	0	0	170	0	380	0	0	250	0	0	330	400
COPPER	UG/L	Exceedance(>300)	1	0	0	0	0	1	0	0	0	0	0	1	3
COPPER	UG/L	Monthly Average	400	0	0	170	0	380	0	0	250	0	0	330	400
IRON	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
IRON	UG/L	Maximum	590	0	0	1400	0	1000	0	0	1100	0	0	730	1400
IRON	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	590	0	0	1400	0	1000	0	0	1100	0	0	730	1400
MERCURY	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
MERCURY	UG/L	Maximum	0.027	0	0	0.03	0	0.015	0	0	0.022	0	0	0.033	0.033
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.027	0	0	0.03	0	0.015	0	0	0.022	0	0	0.033	0.033
NICKEL	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
NICKEL	UG/L	Maximum	5.2	0	0	12	0	8	0	0	10	0	0	9.8	12
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	5.2	0	0	12	0	8	0	0	10	0	0	9.8	12

CBOD5 was analysed instead of BOD5.

TABLE 44 CONTINUED: Labatt Breweries Newfoundland (St. John's) 2017 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ORTHOPHOS	MG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
ORTHOPHOS	MG/L	Maximum	0.63	0	0	2.2	0	5.2	0	0	7.6	0	0	0.48	7.6
ORTHOPHOS	MG/L	Exceedance(>4.36)	0	0	0	0	0	1	0	0	1	0	0	0	2
ORTHOPHOS	MG/L	Monthly Average	0.63	0	0	2.2	0	5.2	0	0	7.6	0	0	0.48	7.6
LEAD	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
LEAD	UG/L	Maximum	6.8	0	0	6.5	0	5.2	0	0	18	0	0	11	18
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	6.8	0	0	6.5	0	5.2	0	0	18	0	0	11	18
PH	PH UNITS	# of Samples	5	4	4	5	4	6	5	4	5	4	4	4	54
PH	PH UNITS	Maximum	6.53	7.02	9.05	7.07	9.05	11.30	6.90	7.05	10.70	9.64	11.10	7.07	11.30
PH	PH UNITS	Minimum	6.20	4.91	5.45	5.54	6.29	4.88	5.71	5.62	6.35	5.89	6.37	6.19	4.88
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	1	1	0	1	3	0	0	1	1	1	0	9
PHENOL	MG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
PHENOL	MG/L	Maximum	0.0094	0	0	0.029	0	0.063	0	0	0.013	0	0	0.0044	0.063
PHENOL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0.0094	0	0	0.029	0	0.063	0	0	0.013	0	0	0.0044	0.063
TSS	MG/L	# of Samples	5	4	4	5	4	6	5	4	5	4	4	4	54
TSS	MG/L	Maximum	1300	1200	790	1000	1000	1400	3400	760	990	970	1200	1800	3400
TSS	MG/L	Exceedance(>350)	2	2	2	3	1	3	3	2	3	2	2	1	26
TSS	MG/L	Monthly Average	418.8	602.5	467.3	557.6	389.5	659.5	1114.8	328.3	517.6	470.0	569.0	570.5	1114.8
ZINC	UG/L	# of Samples	1	0	0	1	0	1	0	0	1	0	0	1	5
ZINC	UG/L	Maximum	420	0	0	460	0	550	0	0	460	0	0	370	550
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	1	0	0	0	0	0	0	1
ZINC	UG/L	Monthly Average	420	0	0	460	0	550	0	0	460	0	0	370	550

TABLE 45: Labrador Iron Mines 2017 Ruth Pit

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	1	0	1	0	0	0	0	1	0	0	1	4
DAPHNIA MAGNA	PASS/FAIL	Pass	0	1	0	1	0	0	0	0	1	0	0	1	4
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	1	0	1	0	0	0	0	1	0	0	1	4
RAINBOW TROUT	PASS/FAIL	Pass	0	1	0	1	0	0	0	0	1	0	0	1	4
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	0	2	0	2	0	0	0	0	1	0	0	1	6
ARSENIC	MG/L	Maximum	0	<0.001	0	<0.001	0	0	0	0	<0.001	0	0	<0.001	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0.0005	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.0005
COPPER	MG/L	# of Samples	0	2	0	2	0	0	0	0	1	0	0	1	6
COPPER	MG/L	Maximum	0	<0.001	0	<0.001	0	0	0	0	<0.001	0	0	<0.001	<0.001
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0.0005	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.0005
NICKEL	MG/L	# of Samples	0	2	0	2	0	0	0	0	1	0	0	1	6
NICKEL	MG/L	Maximum	0	<0.002	0	<0.002	0	0	0	0	<0.002	0	0	<0.002	<0.002
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0.001	0	0.001	0	0	0	0	0.001	0	0	0.001	0.001
LEAD	MG/L	# of Samples	0	2	0	2	0	0	0	0	1	0	0	1	6
LEAD	MG/L	Maximum	0	<0.0005	0	<0.0005	0	0	0	0	<0.0005	0	0	<0.0005	<0.0005
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0.00025	0	0.00025	0	0	0	0	0.00025	0	0	0.00025	0.00025
PH	PH UNITS	# of Samples	5	6	4	5	5	4	5	4	5	4	5	5	57
PH	PH UNITS	Maximum	7.92	7.87	7.89	7.88	7.94	7.93	8.06	8.03	8.02	7.88	7.98	8.05	8.06
PH	PH UNITS	Minimum	7.39	7.58	7.7	7.48	7.47	7.77	7.83	7.88	7.85	7.46	7.82	7.78	7.39
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	1	0	1	0	0	0	0	1	0	0	1	4
RADIUM226	BQ/L	Maximum	0	<0.010	0	<0.010	0	0	0	0	<0.0050	0	0	<0.010	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0.005	0	0.005	0	0	0	0	0.003	0.000	0	0.005	0.005

TABLE 45 CONTINUED: Labrador Iron Mines 2017 Ruth Pit

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	5	6	4	5	5	4	5	4	5	4	5	5	57
TSS	MG/L	Maximum	6	4	3	2	3.2	3.2	3.1	2.1	3.1	15	6.2	2.1	15
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.0	1.5	1.5	1.6	1.4	2.4	1.6	1.3	1.4	4.8	3.1	1.2	4.8
ZINC	MG/L	# of Samples	0	2	0	2	0	0	0	0	1	0	0	1	6
ZINC	MG/L	Maximum	0	0.015	0	<0.007	0	0	0	0	<0.007	0	0	0.014	0.015
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0.009	0	0.004	0	0	0	0	0.004	0	0	0.014	0.009

TABLE 46: Molson Coors Canada (St. John's) 2017 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BORON	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
BORON	UG/L	Maximum	0	<50	0	0	0	<50	0	0	<50	0	0	0	<50
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	0	25	0	0	0	25	0	0	25	0	0	0	25
BOD5 /CBOD5	MG/L	# of Samples	4	5	3	4	5	4	4	5	4	5	4	2	49
BOD5 /CBOD5	MG/L	Maximum	2600	1200	1200	1900	<5.3	1400	1400	1300	980	1300	1600	1700	2600
BOD5 /CBOD5	MG/L	Exceedance(>300)	4	5	3	4	0	4	4	5	4	5	4	2	44
BOD5 /CBOD5	MG/L	Monthly Average	1307.5	654	853.3	1110	1.33	845	1077.5	834	785	842	1010	1350	1350
CADMIUM	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
CADMIUM	UG/L	Maximum	0	0.015	0	0	0	<0.010	0	0	0.055	0	0	0	0.055
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0	0.015	0	0	0	0.005	0	0	0.055	0	0	0	0.055
CHROMIUM	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
CHROMIUM	UG/L	Maximum	0	1.3	0	0	0	<1.0	0	0	9.8	0	0	0	9.8
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	0	1.3	0	0	0	0.5	0	0	9.8	0	0	0	9.8
COPPER	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
COPPER	UG/L	Maximum	0	7.5	0	0	0	66	0	0	88	0	0	0	88
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	7.5	0	0	0	66	0	0	88	0	0	0	88
IRON	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
IRON	UG/L	Maximum	0	81	0	0	0	630	0	0	840	0	0	0	840
IRON	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	0	81	0	0	0	630	0	0	840	0	0	0	840
MERCURY	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
MERCURY	UG/L	Maximum	0	<0.013	0	0	0	0.017	0	0	0.015	0	0	0	0.017
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0	0.0065	0	0	0	0.017	0	0	0.015	0	0	0	0.017

CBOD5 was analysed instead of BOD5.

TABLE 46 CONTINUED: Molson Coors Canada (St. John's) 2017 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NICKEL	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
NICKEL	UG/L	Maximum	0	<2.0	0	0	0	<2.0	0	0	3.5	0	0	0	3.5
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	1	0	0	0	1	0	0	3.5	0	0	0	3.5
ORTHOPHOS	MG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
ORTHOPHOS	MG/L	Maximum	0	0.27	0	0	0	4.0	0	0	4.1	0	0	0	4.1
ORTHOPHOS	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0	0.27	0	0	0	4.0	0	0	4.1	0	0	0	4.1
LEAD	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
LEAD	UG/L	Maximum	0	3.2	0	0	0	8.7	0	0	9.1	0	0	0	9.1
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	3.2	0	0	0	8.7	0	0	9.1	0	0	0	9.1
PH	PH UNITS	# of Samples	4	5	3	4	5	4	4	5	4	5	4	2	49
PH	PH UNITS	Maximum	11.90	12.10	11.30	10.70	7.28	11.50	11.30	12.10	12.20	11.70	11.10	12.10	12.20
PH	PH UNITS	Minimum	10.10	7.04	10.40	7.09	7.04	6.46	10.30	10.70	11.10	9.59	6.87	9.96	6.46
PH	PH UNITS	Exceedance(<5.5,>9.0)	4	3	3	3	0	2	4	5	4	5	3	2	38
PHENOL	MG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
PHENOL	MG/L	Maximum	0	0.0021	0	0	0	0.0280	0	0	<0.0010	0	0	0	0.0280
PHENOL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0	0.0021	0	0	0	0.0280	0	0	0.0005	0	0	0	0.0280
TSS	MG/L	# of Samples	4	5	3	4	5	4	4	5	4	5	4	2	49
TSS	MG/L	Maximum	350	150	95	680	2.2	81	110	82	86	130	110	110	680
TSS	MG/L	Exceedance(>350)	0	0	0	1	0	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	116.3	106.0	55.7	196.4	0.8	59.0	59.3	68.6	65.0	73.4	83.5	81.0	196.4
ZINC	UG/L	# of Samples	0	1	0	0	0	1	0	0	1	0	0	0	3
ZINC	UG/L	Maximum	0	15	0	0	0	360	0	0	240	0	0	0	360
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	15	0	0	0	360	0	0	240	0	0	0	360

TABLE 47: Newfoundland Transshipment Limited 2017 Oily Water Separator

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	0	0	1	0	0	0	0	0	1	3
PH	PH UNITS	Maximum	7.1	0	0	0	0	8	0	0	0	0	0	6.4	8
PH	PH UNITS	Minimum	7.1	0	0	0	0	8	0	0	0	0	0	6.4	6.4
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	1	2
TDS	MG/L	Maximum	0	0	0	0	0	1892	0	0	0	0	0	534	1892
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	0	0	0	0	0	1892	0	0	0	0	0	534	1892
TDS (MEAS)	MG/L	# of Samples	1	0	0	0	0	0	0	0	0	0	0	0	1
TDS (MEAS)	MG/L	Maximum	602	0	0	0	0	0	0	0	0	0	0	0	602
TDS (MEAS)	MG/L	Exceedance(>36000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS (MEAS)	MG/L	Monthly Average	602	0	0	0	0	0	0	0	0	0	0	0	602
TOG	MG/L	# of Samples	1	0	0	0	0	1	0	0	0	0	0	1	3
TOG	MG/L	Maximum	3.2	0	0	0	0	3.2	0	0	0	0	0	3.9	3.9
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	3.2	0	0	0	0	3.2	0	0	0	0	0	3.9	3.9
TSS	MG/L	# of Samples	1	0	0	0	0	1	0	0	0	0	0	1	3
TSS	MG/L	Maximum	<1.6	0	0	0	0	<1.6	0	0	0	0	0	<1.6	<1.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.8	0	0	0	0	0.8	0	0	0	0	0	0.8	0.8

TABLE 48: Newfoundland Transshipment Limited 2017 Remote Impoundment Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	0	0	1	0	2
PH	PH UNITS	Maximum	0	0	0	0	7.3	0	0	0	0	0	6.9	0	7.3
PH	PH UNITS	Minimum	0	0	0	0	7.3	0	0	0	0	0	6.9	0	6.9
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	1	0	2
TOG	MG/L	Maximum	0	0	0	0	6.6	0	0	0	0	0	4.8	0	6.6
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	0	0	0	0	6.6	0	0	0	0	0	4.8	0	6.6

TABLE 48 CONTINUED: Newfoundland Transshipment Limited 2017 Remote Impoundment Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	1	0	2
TSS	MG/L	Maximum	0	0	0	0	<1.6	0	0	0	0	0	<1.6	0	<1.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0.8	0	0	0	0	0	0.8	0	0.8

TABLE 49: Newfoundland Transshipment Limited 2017 Tank No. 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.8	0	0	6.8	0	0	8.7	0	0	7.4	0	0	8.7
PH	PH UNITS	Minimum	7.8	0	0	6.8	0	0	8.7	0	0	7.4	0	0	6.8
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	2.8	0	0	3.8	0	0	5.5	0	0	2.6	0	0	5.5
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	2.8	0	0	3.8	0	0	5.5	0	0	2.6	0	0	5.5
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	<1.6	0	0	<1.6	0	0	<1.6	0	0	<1.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.8	0	0	0.8	0	0	0.8	0	0	0.8	0	0	0.8

TABLE 50: Newfoundland Transshipment Limited 2017 Tank No. 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.7	0	0	7.1	0	0	8.2	0	0	7.8	0	0	8.2
PH	PH UNITS	Minimum	7.7	0	0	7.1	0	0	8.2	0	0	7.8	0	0	7.1
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	3.7	0	0	5.8	0	0	6.2	0	0	4.4	0	0	6.2
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	3.7	0	0	5.8	0	0	6.2	0	0	4.4	0	0	6.2

TABLE 50 CONTINUED: Newfoundland Transshipment Limited 2017 Tank No. 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	3	0	0	1.6	0	0	<1.6	0	0	3.3	0	0	3.3
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	3	0	0	1.6	0	0	0.8	0	0	3.3	0	0	3.3

TABLE 51: Newfoundland Transshipment Limited 2017 Tank No. 3

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.6	0	0	7.1	0	0	8.1	0	0	7.8	0	0	8.1
PH	PH UNITS	Minimum	7.6	0	0	7.1	0	0	8.1	0	0	7.8	0	0	7.1
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	2.7	0	0	7.3	0	0	6.9	0	0	6.4	0	0	7.3
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	2.7	0	0	7.3	0	0	6.9	0	0	6.4	0	0	7.3
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	11	0	0	<1.6	0	0	<1.6	0	0	<1.6	0	0	11
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	11	0	0	0.8	0	0	0.8	0	0	0.8	0	0	11

TABLE 52: Newfoundland Transshipment Limited 2017 Tank No. 4

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.7	0	0	7.2	0	0	8.3	0	0	7.9	0	0	8.3
PH	PH UNITS	Minimum	7.7	0	0	7.2	0	0	8.3	0	0	7.9	0	0	7.2
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	3	0	0	6.3	0	0	5.4	0	0	4.1	0	0	6.3
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	3	0	0	6.3	0	0	5.4	0	0	4.1	0	0	6.3

TABLE 52 CONTINUED: Newfoundland Transshipment Limited 2017 Tank No. 4

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	<1.6	0	0	<1.6	0	0	<1.6	0	0	<1.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.8	0	0	0.8	0	0	0.8	0	0	0.8	0	0	0.8

TABLE 53: Newfoundland Transshipment Limited 2017 Tank No. 5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.6	0	0	7.3	0	0	8.4	0	0	7.5	0	0	8.4
PH	PH UNITS	Minimum	7.6	0	0	7.3	0	0	8.4	0	0	7.5	0	0	7.3
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	5.2	0	0	4.8	0	0	6.9	0	0	8.3	0	0	8.3
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	5.2	0	0	4.8	0	0	6.9	0	0	8.3	0	0	8.3
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	6	0	0	<1.6	0	0	<1.6	0	0	2.5	0	0	6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	6	0	0	0.8	0	0	0.8	0	0	2.5	0	0	6

TABLE 54: Newfoundland Transshipment Limited 2017 Tank No. 6

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.6	0	0	7.2	0	0	8.1	0	0	7.4	0	0	8.1
PH	PH UNITS	Minimum	7.6	0	0	7.2	0	0	8.1	0	0	7.4	0	0	7.2
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	3.6	0	0	7.2	0	0	7.7	0	0	8.8	0	0	8.8
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	3.6	0	0	7.2	0	0	7.7	0	0	8.8	0	0	8.8

TABLE 54 CONTINUED: Newfoundland Transshipment Limited 2017 Tank No. 6

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	3.3	0	0	<1.6	0	0	<1.6	0	0	<1.6	0	0	3.3
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	3.3	0	0	0.8	0	0	0.8	0	0	0.8	0	0	3.3

TABLE 55: Newfoundland Transshipment Limited 2017 Tank No. 7

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
PH	PH UNITS	Maximum	7.3	0	0	7.1	0	0	7.9	0	0	7.8	0	0	7.9
PH	PH UNITS	Minimum	7.3	0	0	7.1	0	0	7.9	0	0	7.8	0	0	7.1
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TOG	MG/L	Maximum	2.9	0	0	9.9	0	0	4.4	0	0	8.7	0	0	9.9
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	2.9	0	0	9.9	0	0	4.4	0	0	8.7	0	0	9.9
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	2	0	0	<1.6	0	0	<1.6	0	0	2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.8	0	0	2	0	0	0.8	0	0	0.8	0	0	2

TABLE 56: Newfoundland and Labrador Hydro (Holyrood) 2017 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
SILVER	MG/L	Maximum	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.00010	<0.0001	<0.0001	<0.0001	0	<0.0001
SILVER	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	MG/L	Monthly Average	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0	0.00005
ARSENIC	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
ARSENIC	MG/L	Maximum	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	<0.0010
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0	0.0005
BARIUM	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
BARIUM	MG/L	Maximum	0.037	0.023	0.04	0.041	0.0063	0.019	0.053	0.014	0.014	0.025	0.019	0	0.053
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0.02295	0.023	0.04	0.041	0.0063	0.019	0.053	0.014	0.014	0.025	0.019	0	0.053
BORON	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
BORON	MG/L	Maximum	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0	<0.050
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0	0.025
BOD5 /CBOD5	MG/L	# of Samples	7	4	4	3	5	4	5	3	4	4	5	3	51
BOD5 /CBOD5	MG/L	Maximum	<5.0	<5.5	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	10	<2.0	10
BOD5 /CBOD5	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD5 /CBOD5	MG/L	Monthly Average	2.28571	2.5625	2.5	2.5	1	1	1	1	1	1	2.8	1	2.8
CADMIUM	UG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
CADMIUM	UG/L	Maximum	0.054	0.047	0.029	0.051	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0	0.054
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.0395	0.047	0.029	0.051	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0	0.051
CHROMIUM	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
CHROMIUM	MG/L	Maximum	0.0013	0.0011	0.0014	0.001	<0.0010	0.0013	0.0032	0.0014	<0.0010	0.0012	0.0023	0	0.0032
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0.009	0.0011	0.0014	0.001	0.0005	0.0013	0.0032	0.0014	0.0005	0.0012	0.0023	0	0.009
COPPER	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
COPPER	MG/L	Maximum	0.0029	<0.0020	0.0021	0.0022	0.0025	<0.0020	<0.0020	0.0023	0.0028	0.0034	0.0031	0	0.0034
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.00195	0.001	0.0021	0.0022	0.0025	0.001	0.001	0.0023	0.0028	0.0034	0.0031	0	0.0034

CBOD5 was analysed instead of BOD5.

TABLE 56 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	MG/L	# of Samples	2	1	1	2	1	1	1	1	1	1	1	0	13
IRON	MG/L	Maximum	0.47	0.41	0.23	0.11	0.4	0.15	<0.050	0.65	0.14	1.3	2	0	2
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0.36	0.41	0.23	0.11	0.4	0.15	0.025	0.65	0.14	1.3	2	0	2
MERCURY	UG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
MERCURY	UG/L	Maximum	<0.013	<0.013	<0.013	<0.013	0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0	0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.0065	0.0065	0.0065	0.0065	0.013	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0	0.013
NICKEL	MG/L	# of Samples	2	1	1	2	1	1	1	1	1	1	1	0	13
NICKEL	MG/L	Maximum	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0032	0	0.0032
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.0032	0	0.0032
AMMONIA	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
AMMONIA	MG/L	Maximum	0.2	0.074	0.11	<0.050	<0.050	<0.050	0.059	0.087	<0.050	<0.050	<0.050	0	0.2
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0.1385	0.074	0.11	0.025	0.025	0.025	0.059	0.087	0.025	0.025	0.025	0	0.1385
NITRATE	MG/L	# of Samples	2	1	1	1	0	0	0	0	0	0	0	0	5
NITRATE	MG/L	Maximum	0.49	0.23	0.42	0.4	0	0	0	0	0	0	0	0	0.49
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.39	0.23	0.42	0.4	0	0	0	0	0	0	0	0	0.42
ORTHOPHOS	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
ORTHOPHOS	MG/L	Maximum	0.016	0.013	0.012	<0.010	<0.010	<0.010	0.017	<0.010	<0.010	<0.010	<0.010	0	0.017
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0.014	0.013	0.012	0.005	0.005	0.005	0.017	0.005	0.005	0.005	0.005	0	0.017
LEAD	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
LEAD	MG/L	Maximum	0.0076	0.0011	0.0059	<0.00050	0.00088	<0.00050	<0.00050	0.0017	<0.00050	0.0014	0.0066	0	0.0076
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00725	0.0011	0.0059	0.00025	0.00088	0.00025	0.00025	0.0017	0.00025	0.0014	0.0066	0	0.00725
PH	PH UNITS	# of Samples	8	5	5	5	6	5	6	9	9	5	6	3	72
PH	PH UNITS	Maximum	7.19	7.2	7.01	7.4	7.04	7.07	7.21	7.43	7.68	7.4	7.5	7.3	7.68
PH	PH UNITS	Minimum	6.9	6.9	6.7	6.7	6.7	6.6	6.6	6.8	5.5	6.8	6.6	6.6	5.5
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 56 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
PHENOL	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
PHENOL	MG/L	Maximum	<0.010	<0.010	<0.010	<0.0010	<0.0010	0.011	<0.0010	0.0018	<0.0010	<0.0010	<0.0010	0	0.011
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0.003	0.005	0.005	0.0005	0.0005	0.011	0.0005	0.0018	0.0005	0.0005	0.0005	0	0.011
SELENIUM	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
SELENIUM	MG/L	Maximum	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0	0.0005
SULPHIDE	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
SULPHIDE	MG/L	Maximum	<0.020	<0.02	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0	0.01
TDS	MG/L	# of Samples	7	4	5	4	6	5	6	3	5	5	6	3	59
TDS	MG/L	Maximum	280	250	240	180	190	96	200	210	290	260	230	240	290
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	177.4	191	188	146.5	141.7	88	129.3	190	113.8	172.8	149	193.3	193.3
TOG	MG/L	# of Samples	5	4	4	4	5	4	5	3	4	4	5	2	49
TOG	MG/L	Maximum	3.3	1.3	1.3	<5	1.6	<0.50	<0.50	1	1.3	0.7	1.1	<0.50	<5
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	1.6	0.7	0.7	1.1	0.8	0.3	0.3	0.6	0.9	0.4	0.5	0.3	1.6
TPH (PIRI)	MG/L	# of Samples	0	1	4	3	0	0	0	0	0	0	0	0	8
TPH (PIRI)	MG/L	Maximum	0	0.9	1.3	0.9	0	0	0	0	0	0	0	0	1.3
TPH (PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (PIRI)	MG/L	Monthly Average	0	0.9	0.675	0.65	0	0	0	0	0	0	0	0	0.9
TSS	MG/L	# of Samples	5	4	5	4	5	4	5	9	8	4	5	3	61
TSS	MG/L	Maximum	10	9.25	4.5	1.8	2.25	9.7	2.7	4	4.2	12	17.5	5.5	17.5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	3.8	4.3	3.3	1.5	1.3	4.9	1.4	2.5	2.2	4.4	7.5	4.1	7.5
ZINC	MG/L	# of Samples	2	1	1	1	1	1	1	1	1	1	1	0	12
ZINC	MG/L	Maximum	0.042	0.025	0.032	0.017	0.038	0.029	0.005	0.047	0.007	0.021	0.062	0	0.062
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.033	0.024	0.032	0.017	0.038	0.029	0.005	0.047	0.007	0.021	0.062	0	0.062

TABLE 57: Newfoundland and Labrador Hydro (Holyrood) 2017 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
SILVER	MG/L	Maximum	<0.0001	0	0	<0.0001	0	0	0	0	<0.0001	0	0	<0.0001	<0.00001
SILVER	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	MG/L	Monthly Average	0.00005	0	0	0.00005	0	0	0	0	0.00005	0	0	0.00005	0.00005
ARSENIC	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
ARSENIC	MG/L	Maximum	<0.0010	0	0	<0.0010	0	0	0	0	<0.0010	0	0	<0.0010	<0.0010
ARSENIC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.0005
BARIUM	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
BARIUM	MG/L	Maximum	0.0062	0	0	0.004	0	0	0	0	0.012	0	0	0.0078	0.012
BARIUM	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	MG/L	Monthly Average	0.0062	0	0	0.004	0	0	0	0	0.012	0	0	0.0078	0.012
BORON	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
BORON	MG/L	Maximum	<0.050	0	0	<0.050	0	0	0	0	0.088	0	0	<0.050	0.088
BORON	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	MG/L	Monthly Average	0.025	0	0	0.025	0	0	0	0	0.088	0	0	0.025	0.088
CADMIUM	UG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
CADMIUM	UG/L	Maximum	0.023	0	0	0.011	0	0	0	0	0.075	0	0	0.036	0.075
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.023	0	0	0.011	0	0	0	0	0.075	0	0	0.036	0.075
CHROMIUM	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
CHROMIUM	MG/L	Maximum	<0.0010	0	0	<0.0010	0	0	0	0	<0.0010	0	0	<0.0010	<0.0010
CHROMIUM	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.0005
COPPER	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
COPPER	MG/L	Maximum	<0.002	0	0	<0.002	0	0	0	0	0.0034	0	0	0.0026	0.0034
COPPER	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.001	0	0	0.001	0	0	0	0	0.0034	0	0	0.0026	0.0034
IRON	MG/L	# of Samples	5	4	4	5	5	4	5	1	5	4	6	4	52
IRON	MG/L	Maximum	0.07	<0.05	0.07	0.28	0.25	0.13	0.19	<0.05	0.26	0.07	2.2	<0.05	2.2
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0.05	0.03	0.05	0.10	0.08	0.05	0.13	0.025	0.10	0.04	0.48	0.03	0.48

TABLE 57 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
MERCURY	UG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
MERCURY	UG/L	Maximum	<0.013	0	0	<0.013	0	0	0	0	<0.013	0	0	<0.013	<0.013
MERCURY	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
MERCURY	UG/L	Monthly Average	0.0065	0	0	0.0065	0	0	0	0	0.0065	0	0	0.0065	0.0065
NICKEL	MG/L	# of Samples	5	4	4	5	5	4	5	1	5	4	6	4	52
NICKEL	MG/L	Maximum	<0.002	<0.002	0.004	0.200	0.008	0.005	0.100	0.014	0.110	0.030	0.006	0.002	0.200
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.002	0.046	0.004	0.004	0.021	0.014	0.044	0.012	0.004	0.002	0.046
AMMONIA	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
AMMONIA	MG/L	Maximum	0.44	0	0	1.1	0	0	0	0	0.25	0	0	0.48	1.1
AMMONIA	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	MG/L	Monthly Average	0.44	0	0	1.1	0	0	0	0	0.25	0	0	0.48	1.1
NITRATE	MG/L	# of Samples	1	0	0	1	0	0	0	0	0	0	0	0	2
NITRATE	MG/L	Maximum	0.19	0	0	0.16	0	0	0	0	0	0	0	0	0.19
NITRATE	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE	MG/L	Monthly Average	0.19	0	0	0.16	0	0	0	0	0	0	0	0	0.19
ORTHOPHOS	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
ORTHOPHOS	MG/L	Maximum	<0.010	0	0	<0.010	0	0	0	0	0.028	0	0	<0.010	0.028
ORTHOPHOS	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
ORTHOPHOS	MG/L	Monthly Average	0.005	0	0	0.005	0	0	0	0	0.028	0	0	0.005	0.028
LEAD	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
LEAD	MG/L	Maximum	<0.00050	0	0	<0.00050	0	0	0	0	<0.00050	0	0	<0.00050	<0.00050
LEAD	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0	0	0	0.00025	0	0	0.00025	0.00025
PH	PH UNITS	# of Samples	5	4	4	5	5	4	5	2	9	4	5	5	57
PH	PH UNITS	Maximum	8.56	7.68	7.4	7.8	8.12	6.8	7.3	7	6.9	7.2	6.9	6.9	8.56
PH	PH UNITS	Minimum	7.01	6.7	6.4	6.1	6.92	6.4	6.6	7	6.1	6.6	6.3	6.17	6.1
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
PHENOL	MG/L	Maximum	<0.010	0	0	<0.0010	0	0	0	0	<0.0010	0	0	<0.0010	<0.010
PHENOL	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	MG/L	Monthly Average	0.005	0	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.005

TABLE 57 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
SELENIUM	MG/L	Maximum	<0.0010	0	0	<0.0010	0	0	0	0	<0.0010	0	0	<0.0010	<0.0010
SELENIUM	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
SELENIUM	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0	0	0	0.0005	0	0	0.0005	0.0005
SULPHIDE	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	1	3
SULPHIDE	MG/L	Maximum	0	0	0	<0.020	0	0	0	0	<0.020	0	0	<0.020	<0.020
SULPHIDE	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	MG/L	Monthly Average	0	0	0	0.01	0	0	0	0	0.01	0	0	0.01	0.01
TDS	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
TDS	MG/L	Maximum	39	0	0	52	0	0	0	0	640	0	0	49	640
TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS	MG/L	Monthly Average	39	0	0	52	0	0	0	0	640	0	0	49	640
TOG	MG/L	# of Samples	5	4	4	4	5	4	5	1	4	4	6	3	49
TOG	MG/L	Maximum	0.6	1.4	1.2	<5	1.3	<0.50	0.9	1.8	1.8	0.6	3.2	<0.50	<5
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	0.32	0.725	0.625	0.95	0.46	0.25	0.38	1.8	0.8375	0.3375	1.075	0.25	1.8
TSS	MG/L	# of Samples	4	4	4	4	5	4	5	2	8	4	5	4	53
TSS	MG/L	Maximum	5.75	4	4.2	5.4	11	6	10.7	5.1	4.6	12	23.2	4	23.2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	4.0325	2.25	2.55	2.9875	4.036	4.475	3.12	5.1	2.05	5.05	9.1	3	9.1
ZINC	MG/L	# of Samples	1	0	0	1	0	0	0	0	1	0	0	1	4
ZINC	MG/L	Maximum	<0.005	0	0	<0.005	0	0	0	0	0.037	0	0	0.0067	0.037
ZINC	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.0025	0	0	0.0025	0	0	0	0	0.037	0	0	0.0067	0.037

TABLE 58: Newfoundland and Labrador Hydro (Holyrood) 2017 OS1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	MG/L	# of Samples	5	4	4	3	5	4	5	3	4	4	4	3	48
IRON	MG/L	Maximum	0.52	0.6	0.4	4.1	0.93	0.56	0.71	8.6	5.1	2.4	0.69	3.6	8.6
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0.5	0.4	0.3	1.5	0.5	0.4	0.4	6.0	1.7	0.9	0.4	1.5	6.0

TABLE 58 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 OS1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
NICKEL	MG/L	# of Samples	5	4	4	3	5	4	5	3	4	4	4	3	48
NICKEL	MG/L	Maximum	0.015	0.029	0.015	0.031	0.020	0.220	0.060	0.020	0.009	0.032	0.028	0.034	0.220
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.008	0.014	0.006	0.020	0.010	0.058	0.018	0.011	0.006	0.013	0.012	0.025	0.058
PH	PH UNITS	# of Samples	0	0	0	0	0	4	5	4	4	4	5	3	29
PH	PH UNITS	Maximum	0	0	0	0	0	7.20	8.00	8.60	8.50	8.70	8.90	9.00	9.00
PH	PH UNITS	Minimum	0	0	0	0	0	4.80	6.40	7.20	6.30	6.80	6.70	6.80	4.80
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	1	0	0	0	0	0	0	1
TOG	MG/L	# of Samples	5	4	4	3	5	4	5	3	4	4	4	3	48
TOG	MG/L	Maximum	9.2	0.9	1.9	1.1	1.6	<0.50	<0.50	13	1.6	<0.50	0.8	1.4	13
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	2.7	0.6	0.9	0.5	0.6	0.3	0.3	5.2	0.9	0.3	0.5	0.6	5.2
TSS	MG/L	# of Samples	0	0	0	0	0	4	5	4	4	4	5	3	29
TSS	MG/L	Maximum	0	0	0	0	0	3.3	5.5	33.5	12.5	33.0	3.2	4.6	33.5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	1	0	1	0	0	2
TSS	MG/L	Monthly Average	0	0	0	0	0	1.8	2.6	9.3	7.1	11.6	1.9	2.6	11.6

TABLE 59: Newfoundland and Labrador Hydro (Holyrood) 2017 OS2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	MG/L	# of Samples	5	4	4	3	5	4	5	0	3	4	6	3	46
IRON	MG/L	Maximum	1.00	0.56	3.00	4.50	2.00	0.49	0.94	0	0.54	0.81	2.50	1.70	4.50
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	0.47	0.29	0.95	1.66	0.81	0.38	0.47	0	0.32	0.41	1.25	0.97	1.66
NICKEL	MG/L	# of Samples	5	4	4	3	5	4	5	0	3	4	6	3	46
NICKEL	MG/L	Maximum	0.060	0.097	0.030	0.042	0.400	0.064	0.011	0	0.011	0.003	0.015	0.038	0.400
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.023	0.065	0.013	0.023	0.096	0.047	0.008	0	0.005	0.002	0.012	0.019	0.096
PH	PH UNITS	# of Samples	0	0	0	0	0	4	5	0	4	4	5	3	25
PH	PH UNITS	Maximum	0	0	0	0	0	7	7	0	7	7.1	6.5	6.4	7.1
PH	PH UNITS	Minimum	0	0	0	0	0	6.1	6	0	6.2	6.9	5.5	5.5	5.5
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 59 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2017 OS2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TOG	MG/L	# of Samples	5	4	4	3	5	4	5	0	3	4	6	3	46
TOG	MG/L	Maximum	42	3	2.2	2.7	1.7	<0.50	0.8	0	1.4	0.9	0.9	0.6	42
TOG	MG/L	Exceedance(>15)	1	0	0	0	0	0	0	0	0	0	0	0	1
TOG	MG/L	Monthly Average	10.2	1.6	1.0	1.3	0.7	0.3	0.5	0	1.0	0.4	0.4	0.4	10.2
TSS	MG/L	# of Samples	0	0	0	0	0	4	5	0	4	4	5	3	25
TSS	MG/L	Maximum	0	0	0	0	0	11.4	3.2	0	6.7	3.0	3.4	10.0	11.4
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	3.8	2.3	0	3.8	2.2	2.3	6.4	6.4

TABLE 60: Newfoundland and Labrador Hydro (Holyrood) 2017 WWTP

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
IRON	MG/L	# of Samples	9	6	14	9	11	6	5	1	4	5	15	13	98
IRON	MG/L	Maximum	3.2	2.7	1.7	1.3	9.9	5.2	2.9	0.7	2.8	0.7	1.0	2.0	9.9
IRON	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	MG/L	Monthly Average	2.0	1.5	1.1	0.6	2.2	2.3	1.6	0.7	1.1	0.4	0.7	1.0	2.3
NICKEL	MG/L	# of Samples	9	6	14	9	11	6	5	1	4	5	15	13	98
NICKEL	MG/L	Maximum	0.120	0.086	0.062	0.072	0.354	0.171	0.112	0.032	0.068	0.068	0.066	0.109	0.354
NICKEL	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.068	0.056	0.045	0.043	0.081	0.089	0.067	0.032	0.052	0.047	0.047	0.059	0.089
PH	PH UNITS	# of Samples	9	6	14	9	11	6	5	3	8	5	14	14	104
PH	PH UNITS	Maximum	8.60	8.75	9.00	8.90	9.18	8.20	8.50	8.40	8.50	8.50	8.60	8.70	9.18
PH	PH UNITS	Minimum	8.00	7.36	7.80	8.50	7.84	6.80	7.10	6.48	8.10	8.40	8.30	7.50	6.48
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	1	0	0	0	0	0	0	0	1
TSS	MG/L	# of Samples	9	6	14	9	11	6	5	2	8	5	14	14	103
TSS	MG/L	Maximum	23.2	19.3	23.75	19.5	22.75	25.2	40.7	22.7	7.25	24	25	29.7	40.7
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	1	0	0	0	0	0	1
TSS	MG/L	Monthly Average	16.9	11.2	8.3	10.4	6.3	9.0	15.3	22.7	5.4	11.1	9.8	21.3	22.7

TABLE 61: North Atlantic Refinery Limited 2017 Outfall to Sea

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
RAINBOW TROUT	PASS/FAIL	# of Samples	0	1	3	1	0	0	1	1	1	1	2	1	12
RAINBOW TROUT	PASS/FAIL	Pass	0	1	1	1	0	0	1	1	1	1	2	1	10
RAINBOW TROUT	PASS/FAIL	Fail	0	0	2	0	0	0	0	0	0	0	0	0	2
AMMONIA	LBS/DAY	# of Samples	14	12	13	13	13	13	13	14	12	13	13	13	156
AMMONIA	LBS/DAY	Maximum	677.1	708.9	822.0	809.9	846.0	461.4	319.5	282.0	177.7	242.0	197.0	378.0	846.0
AMMONIA	LBS/DAY	Exceedance(>798)	0	0	0	1*	1*	0	0	0	0	0	0	0	0
AMMONIA	LBS/DAY	Monthly Average(>504)	258.4	338.9	456.0	498.3	394.5	326.0	200.9	135.1	67.9	171.1	101.4	118.8	498.3
PH	PH UNITS	# of Samples	31	28	31	31	31	31	31	32	30	30	30	32	368
PH	PH UNITS	Maximum	8.4	9.1	9.2	8.3	7.9	7.7	7.7	7.8	7.9	8	8.1	7.9	9.2
PH	PH UNITS	Minimum	7.2	8.2	7.4	7.13	6.6	7.1	7.1	7.3	7.3	7.2	7.3	7.2	6.6
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	LBS/DAY	# of Samples	14	12	13	13	13	13	13	14	12	13	13	13	156
PHENOL	LBS/DAY	Maximum	3.53	3.57	19.66	5.73	2.76	15.3	9.62	0.74	0.81	0.6	0.85	3.6	19.66
PHENOL	LBS/DAY	Exceedance(>77)	0	0	0	0	0	0	0	0	0	0	0	0	0
PHENOL	LBS/DAY	Monthly Average(>42)	0.62	1.24	5.37	2.66	1.19	6.53	3.41	0.38	0.31	0.33	0.32	1.19	6.53
SULPHIDE	LBS/DAY	# of Samples	14	12	13	13	13	13	13	14	12	13	13	13	156
SULPHIDE	LBS/DAY	Maximum	6.45	34.85	6.02	7.15	2.05	8.59	6.27	1.56	3.32	5.06	37	8.14	37
SULPHIDE	LBS/DAY	Exceedance(>42)	0	0	0	0	0	0	0	0	0	0	0	0	0
SULPHIDE	LBS/DAY	Monthly Average(>14)	1.52	3.73	1.93	1.54	1.27	2.57	1.78	0.50	1.48	2.79	4.42	2.11	4.42
TOG	LBS/DAY	# of Samples	14	12	13	13	13	13	13	14	12	13	13	13	156
TOG	LBS/DAY	Maximum	744	689	761	932	680	720	890	470	520	629	457	643	932
TOG	LBS/DAY	Exceedance(>770)	0	0	0	1*	0	0	1*	0	0	0	0	0	0
TOG	LBS/DAY	Monthly Average(>420)	154	215	318	484	214	271	393	242	272	325	103	189	484
TSS	LBS/DAY	# of Samples	14	12	13	13	13	12	13	14	11	13	13	11	152
TSS	LBS/DAY	Maximum	928	1430	1763	664	890	451	782	658	313	498	308	652	1763
TSS	LBS/DAY	Exceedance(>1680)	0	0	1*	0	0	0	0	0	0	0	0	0	0
TSS	LBS/DAY	Monthly Average(1008)	553.4	351.3	571.7	378.7	323.2	238.4	316.9	249.0	207.9	277.3	139.3	267.8	571.7

*not an exceedance. Value exceed the one day deposit allowable level once during the month. It did not exceed the never to exceed level and did not occur more than once during the month.

TABLE 62: Pardy's Waste Management 2017 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SILVER	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
SILVER	UG/L	Maximum	0.7	0	0	0	0	<0.1	<0.1	0	0	<0.1	0	0	0.7
SILVER	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
SILVER	UG/L	Monthly Average	0.4	0	0	0	0	0.05	0.05	0	0	0.05	0	0	0.4
ARSENIC	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
ARSENIC	UG/L	Maximum	6	0	0	0	0	7	4	0	0	6	0	0	7
ARSENIC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	5.5	0	0	0	0	6.3	3.3	0	0	6	0	0	6.3
BARIUM	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
BARIUM	UG/L	Maximum	59	0	0	0	0	46	72	0	0	46	0	0	72
BARIUM	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM	UG/L	Monthly Average	49	0	0	0	0	35.7	42.75	0	0	46	0	0	49
BORON	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
BORON	UG/L	Maximum	388	0	0	0	0	284	142	0	0	219	0	0	388
BORON	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
BORON	UG/L	Monthly Average	326	0	0	0	0	253	106.75	0	0	219	0	0	326
BOD5	MG/L	# of Samples	2	0	0	0	0	3	4	3	4	6	4	1	27
BOD5	MG/L	Maximum	131	0	0	0	0	19	10	5	14	9	<6	<6	131
BOD5	MG/L	Exceedance(>20)	2	0	0	0	0	0	0	0	0	0	0	0	2
BOD5	MG/L	Monthly Average	87.5	0	0	0	0	7.7	3.5	3	8.25	5	1.75	3	87.5
CADMIUM	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
CADMIUM	UG/L	Maximum	0.677	0	0	0	0	0.108	0.071	0	0	0.040	0	0	0.677
CADMIUM	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	UG/L	Monthly Average	0.468	0	0	0	0	0.095	0.049	0	0	0.040	0	0	0.468
CHROMIUM	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
CHROMIUM	UG/L	Maximum	2	0	0	0	0	1	2	0	0	1	0	0	2
CHROMIUM	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	UG/L	Monthly Average	2	0	0	0	0	0.7	1	0	0	1	0	0	2
COPPER	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
COPPER	UG/L	Maximum	41	0	0	0	0	11	9	0	0	9	0	0	41
COPPER	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	33	0	0	0	0	9	8.5	0	0	9	0	0	33

TABLE 62 CONTINUED: Pardy's Waste Management 2017 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
FECAL COLIFORMS (MF)	MPN/ML	# of Samples	2	3	1	1	3	4	4	3	2	4	3	1	31
FECAL COLIFORMS (MF)	MPN/ML	Maximum	7.9	280	0.23	0.02	2.3	0.33	2.3	0.06	1.6	1.35	0.13	<0.01	280
FECAL COLIFORMS (MF)	MPN/ML	Exceedance(>10)	0	1	0	0	0	0	0	0	0	0	0	0	1
FECAL COLIFORMS (MF)	MPN/ML	Monthly Average	4.50	93.70	0.23	0.02	0.89	0.12	0.74	0.02	0.81	0.34	0.05	0.01	93.70
IRON	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
IRON	UG/L	Maximum	1750	0	0	0	0	134	209	0	0	146	0	0	1750
IRON	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
IRON	UG/L	Monthly Average	1224	0	0	0	0	129	149.5	0	0	146	0	0	1224
NICKEL	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
NICKEL	UG/L	Maximum	69	0	0	0	0	22	20	0	0	21	0	0	69
NICKEL	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	60.5	0	0	0	0	21	16	0	0	21	0	0	60.5
AMMONIA	MG/L	# of Samples	2	2	1	0	1	3	4	3	4	6	4	1	31
AMMONIA	MG/L	Maximum	14	34.3	4.76	0	0.34	0.56	0.47	0.17	0.16	0.22	0.42	0.06	34.3
AMMONIA	MG/L	Exceedance(>2)	1	2	1	0	0	0	0	0	0	0	0	0	4
AMMONIA	MG/L	Monthly Average	7.03	18.89	4.76	0	0.34	0.38	0.16	0.13	0.14	0.15	0.18	0.06	18.89
NITRATE	MG/L	# of Samples	2	2	1	0	1	3	4	3	4	6	4	1	31
NITRATE	MG/L	Maximum	156	139	140	0	71.1	59.7	54	33.6	284	99.1	60.1	61.5	284
NITRATE	MG/L	Exceedance(>10)	2	2	1	0	1	3	4	3	4	6	4	1	31
NITRATE	MG/L	Monthly Average	149	125	140	0	71.1	56.6	32	27.6	113.8	76.9	39.2	61.5	149
ORTHOPHOS	MG/L	# of Samples	2	2	1	0	1	3	4	0	0	0	0	0	13
ORTHOPHOS	MG/L	Maximum	15.4	20.2	17.4	0	10.4	31.6	23.6	0	0	0	0	0	31.6
ORTHOPHOS	MG/L	Exceedance(>0.436)	2	2	1	0	1	3	4	0	0	0	0	0	13
ORTHOPHOS	MG/L	Monthly Average	13.2	16.6	17.4	0	10.4	22.4	13.5	0	0	0	0	0	22.4
LEAD	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
LEAD	UG/L	Maximum	0.9	0	0	0	0	<0.5	<0.5	0	0	<0.5	0	0	0.9
LEAD	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.58	0	0	0	0	0.25	0.25	0	0	0.25	0	0	0.58
PH	PH UNITS	# of Samples	2	2	1	0	1	3	4	3	4	5	4	1	30
PH	PH UNITS	Maximum	6.4	6.42	5.65	0	6.72	7.67	8.01	7.88	7.99	7.9	7.68	7.55	8.01
PH	PH UNITS	Minimum	5.75	5.93	5.65	0	6.72	6.06	6.76	7.81	7.51	7.06	7.28	7.55	5.65
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 62 CONTINUED: Pardy's Waste Management 2017 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
SELENIUM	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
SELENIUM	UG/L	Maximum	11	0	0	0	0	11	9	0	0	6	0	0	11
SELENIUM	UG/L	Exceedance(>10)	1	0	0	0	0	1	0	0	0	0	0	0	2
SELENIUM	UG/L	Monthly Average	7.5	0	0	0	0	6	4.625	0	0	6	0	0	7.5
TDS /TDS (MEAS)	MG/L	# of Samples	2	0	0	0	1	3	4	1	0	6	4	1	22
TDS /TDS (MEAS)	MG/L	Maximum	1710	0	0	0	1140	1690	1130	1090	0	1640	1380	1460	1710
TDS /TDS (MEAS)	MG/L	Exceedance(>1000)	2	0	0	0	1	2	1	1	0	6	4	1	18
TDS /TDS (MEAS)	MG/L	Monthly Average	1710	0	0	0	1140	1430	930	1090	0	1588	1318	1460	1710
TOG	MG/L	# of Samples	2	2	1	0	1	3	4	3	4	6	4	1	31
TOG	MG/L	Maximum	3.3	5.8	<1.0	0	<1.0	<1.0	1.4	3	2	1.5	2.6	<1.0	5.8
TOG	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TOG	MG/L	Monthly Average	1.9	3.2	0.5	0	0.5	0.4	0.9	2.0	1.5	0.8	1.0	0.5	3.2
TSS	MG/L	# of Samples	2	0	0	0	0	3	4	3	4	6	4	1	27
TSS	MG/L	Maximum	192	0	0	0	0	13	16	<5	14	7	7	5	192
TSS	MG/L	Exceedance(>30)	2	0	0	0	0	0	0	0	0	0	0	0	2
TSS	MG/L	Monthly Average	137.5	0	0	0	0	9	7.4	2.5	8.6	5.6	5.5	5	137.5
ZINC	UG/L	# of Samples	2	0	0	0	0	3	4	0	0	1	0	0	10
ZINC	UG/L	Maximum	351	0	0	0	0	36	17	0	0	8	0	0	351
ZINC	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	212	0	0	0	0	24	12.3	0	0	8	0	0	212

TABLE 63: Rambler Metals and Mining 2017 No. 2 Polishing Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	0	1	1	11
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	1	0	0	1
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Pass	1	1	1	0	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
ARSENIC	MG/L	Maximum	0.0013	<0.0010	<0.0010	0.0011	<0.0010	0.0013	0.0011	0.0013	0.0011	0.0012	0.0011	0.0011	0.0013
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0010	0.0005	0.0005	0.0007	0.0005	0.0010	0.0011	0.0012	0.0011	0.0012	0.0008	0.008	0.0012
COPPER	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
COPPER	MG/L	Maximum	0.0044	0.004	0.0045	0.0041	0.0039	0.0043	0.0036	0.0054	0.0024	0.0037	0.0041	0.0042	0.0054
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.0037	0.0040	0.0043	0.0037	0.0037	0.0038	0.0036	0.0045	0.0024	0.0033	0.0031	0.0039	0.0045
NICKEL	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
NICKEL	MG/L	Maximum	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
LEAD	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
LEAD	MG/L	Maximum	0.00157	0.001	0.00101	9.30E-04	0.00074	0.00228	0.00064	0.00209	<0.00050	0.00265	0.00144	0.0006	0.0027
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00058	0.00100	0.00084	0.00065	0.00067	0.00148	0.00064	0.00206	0.00025	0.00240	0.00104	0.0005	0.0024
PH	PH UNITS	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
PH	PH UNITS	Maximum	7.47	7.25	7.23	7.24	7.49	7.3	7.26	8.21	7.28	7.4	7.42	7.10	8.21
PH	PH UNITS	Minimum	7.07	7.25	7.05	7.15	7.02	6.8	7.26	7.18	7.28	7.19	7.24	6.97	6.80
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
RADIUM226	BQ/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

TABLE 63 CONTINUED: Rambler Metals and Mining 2017 No. 2 Polishing Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
TSS	MG/L	Maximum	<2.0	<1.0	<2.0	<1.0	<1.0	1.2	<1.0	<2.0	<1.0	<1.0	<1.0	2	2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.6	0.5	0.7	0.5	0.5	0.7	0.5	0.8	0.5	0.5	0.5	1.5	1.5
ZINC	MG/L	# of Samples	4	1	3	3	4	3	1	2	1	2	2	2	28
ZINC	MG/L	Maximum	0.021	0.019	0.021	0.023	0.023	0.017	0.007	0.006	<0.0050	0.006	0.009	0.008	0.023
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	00	0
ZINC	MG/L	Monthly Average	0.009	0.019	0.019	0.018	0.018	0.011	0.007	0.006	0.003	0.005	0.008	0.008	0.019

TABLE 64: Rambler Metals and Mining 2017 Treated Mine Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	2	1	1	1	1	1	1	1	1	1	13
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	2	1	1	1	1	1	1	0	1	1	12
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	1	0	0	1
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	2	1	1	1	1	1	1	1	1	1	13
RAINBOW TROUT	PASS/FAIL	Pass	1	1	2	1	1	1	1	1	1	1	1	1	13
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
ARSENIC	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	0.0023	0.0017	<0.0010	0.0016	0.0017	0.0029	0.0012	0.003	0.003
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0018	0.0013	0.0005	0.0012	0.0015	0.0026	0.0012	0.0022	0.0026
COPPER	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
COPPER	MG/L	Maximum	0.0252	0.0177	0.0199	0.0164	0.0301	0.0323	0.0162	0.0202	0.0231	0.036	0.0203	0.0416	0.0416
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.0233	0.0177	0.0122	0.0149	0.0263	0.0272	0.0146	0.0103	0.0151	0.0299	0.0155	0.0242	0.0299
NICKEL	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	3	3	40
NICKEL	MG/L	Maximum	0.0224	0.0134	0.0278	0.0263	0.0367	0.0278	0.0253	0.0193	0.0114	0.0045	0.0099	0.0081	0.0367
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.0208	0.0134	0.0179	0.0166	0.0183	0.0275	0.0159	0.0145	0.0069	0.0019	0.0092	0.0034	0.0275

TABLE 64 CONTINUED: Rambler Metals and Mining 2017 Treated Mine Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
LEAD	MG/L	Maximum	<0.00050	<0.00050	0.00054	0.00077	0.00275	<0.00050	0.00069	0.00164	0.00187	0.00054	0.00066	<0.00050	0.00275
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00025	0.00025	0.00035	0.00055	0.00168	0.00025	0.00063	0.00096	0.00103	0.00032	0.00044	0.00025	0.00168
PH	PH UNITS	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
PH	PH UNITS	Maximum	8.19	7.55	8	8.17	8.49	7.25	8.21	8.21	8.31	8.58	7.84	7.67	8.58
PH	PH UNITS	Minimum	7.54	7.55	7.37	7.31	7.29	6.85	7.27	5.98	6.9	6.91	7.29	7.00	5.98
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
RADIUM226	BQ/L	Maximum	0.013	<0.010	<0.01	<0.010	0.012	0.012	<0.010	<0.010	0.022	<0.010	0.017	<0.010	0.022
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0.009	0.005	0.005	0.005	0.007	0.007	0.005	0.005	0.013	0.005	0.010	0.005	0.013
TSS	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
TSS	MG/L	Maximum	1.4	<1.0	1	<1.0	1.8	2	<1.0	<2.0	1.6	<1.0	<2.0	2.8	2.8
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.0	0.5	0.7	0.5	1.5	1.3	0.5	0.9	0.9	0.5	0.8	1.4	1.5
ZINC	MG/L	# of Samples	4	1	6	3	4	3	2	4	3	4	4	3	41
ZINC	MG/L	Maximum	0.255	0.059	0.193	0.181	0.364	0.255	0.180	0.466	0.224	0.062	0.341	0.278	0.466
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.182	0.059	0.086	0.105	0.183	0.230	0.132	0.232	0.153	0.057	0.316	0.145	0.316

TABLE 65: Tacora Resources (Wabush) 2017 East Pit 2 Dewatering (Sylvio Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	2	0	1	0	0	1	0	0	4
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	2	0	1	0	0	1	0	0	4
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	2	0	1	0	0	1	0	0	4
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	2	0	1	0	0	1	0	0	4
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	0	0	0	0	4	4	4	5	4	5	3	4	33
ARSENIC	UG/L	Maximum	0	0	0	0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COPPER	UG/L	# of Samples	0	0	0	0	4	4	4	5	4	5	4	4	34
COPPER	UG/L	Maximum	0	0	0	0	4.9	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	4.9
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	2.0	1	1	1	1	1	1	1	2
NICKEL	UG/L	# of Samples	0	0	0	0	4	4	4	5	4	5	4	4	34
NICKEL	UG/L	Maximum	0	0	0	0	2.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.6
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	1.4	1	1	1	1	1	1	1	1.4
LEAD	UG/L	# of Samples	0	0	0	0	4	4	4	5	4	5	4	4	34
LEAD	UG/L	Maximum	0	0	0	0	1.07	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.07
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0.46	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.46
PH	PH UNITS	# of Samples	0	0	0	0	4	4	4	5	4	5	4	4	34
PH	PH UNITS	Maximum	0	0	0	0	7.70	7.53	7.65	7.84	7.96	7.67	7.49	7.12	7.96
PH	PH UNITS	Minimum	0	0	0	0	6.87	6.97	7.51	7.61	7.61	7.48	7.18	6.94	6.87
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	1	1	1	0	0	1	0	0	4
RADIUM226	BQ/L	Maximum	0	0	0	0	<0.010	<0.010	<0.010	0	0	<0.010	0	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0.005	0.005	0.005	0	0	0.005	0	0	0.005

TABLE 65 CONTINUED: Tacora Resources (Wabush) 2017 East Pit 2 Dewatering (Sylvio Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	9	4	4	5	4	5	4	4	39
TSS	MG/L	Maximum	0	0	0	0	34	5.6	3.2	3.4	1.8	12	15	<0.50	34
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	0	0	0	0	12.7	3.3	2.4	2.3	1.4	3.5	6.2	0.3	12.7
ZINC	UG/L	# of Samples	0	0	0	0	4	4	4	5	4	5	4	4	34
ZINC	UG/L	Maximum	0	0	0	0	32.3	6.5	6.5	<5.0	<5.0	<5.0	<5.0	<5.0	32.3
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	10.7	3.5	3.5	2.5	2.5	2.5	2.5	2.5	10.7

TABLE 66: Tacora Resources (Wabush) 2017 Flora Lake Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	0	1	1	0	1	0	0	1	0	0	6
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	0	1	1	0	1	0	0	1	0	0	6
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	0	1	1	0	1	0	0	1	0	0	6
RAINBOW TROUT	PASS/FAIL	Pass	1	1	0	1	1	0	1	0	0	1	0	0	6
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	5	4	4	2	0	1	1	5	4	5	4	4	39
ARSENIC	MG/L	Maximum	<0.0010	<0.0010	<0.0010	<0.0010	0	0.0012	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0012
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0	0.0012	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0012
COPPER	MG/L	# of Samples	5	4	4	2	0	1	1	5	4	5	4	4	39
COPPER	MG/L	Maximum	<0.0020	<0.0020	<0.0020	<0.0020	0	<0.0020	0.0023	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0023
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0	0.001	0.0023	0.001	0.001	0.001	0.001	0.001	0.0023
NICKEL	MG/L	# of Samples	5	4	4	2	0	1	1	5	4	5	4	4	39
NICKEL	MG/L	Maximum	<0.0020	<0.0020	<0.0020	<0.0020	0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

TABLE 66 CONTINUED: Tacora Resources (Wabush) 2017 Flora Lake Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	MG/L	# of Samples	5	4	4	2	0	1	1	5	4	5	4	4	39
LEAD	MG/L	Maximum	0.00085	<0.00050	<0.00050	<0.00050	0	0.00089	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.00089
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.00037	0.00025	0.00025	0.00025	0	0.00089	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00089
PH	PH UNITS	# of Samples	5	4	4	4	6	28	4	5	4	5	4	4	77
PH	PH UNITS	Maximum	7.68	7.62	7.62	7.90	7.79	7.68	7.74	7.81	8.15	7.73	7.56	7.59	8.15
PH	PH UNITS	Minimum	7.46	3.29	7.51	2.50	7.42	7.00	7.44	7.63	7.60	7.48	7.41	7.44	2.50
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	1	0	1	0	0	0	0	0	0	0	0	2
RADIUM226	BQ/L	# of Samples	0	0	0	1	0	1	1	0	0	1	0	0	4
RADIUM226	BQ/L	Maximum	0	0	0	<0.010	0	<0.010	<0.010	0	0	<0.010	0	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0.005	0	0.005	0.005	0	0	0.005	0	0	0.005
TSS	MG/L	# of Samples	5	4	4	4	6	28	4	5	4	5	4	4	77
TSS	MG/L	Maximum	1.2	<2.0	1.4	1.6	86	90	4.6	5.4	5.8	24	20	2.6	90
TSS	MG/L	Exceedance(>30)	0	0	0	0	3	18	0	0	0	0	0	0	21
TSS	MG/L	Monthly Average	0.8	0.6	0.9	1.0	45.3	43.6	3.6	2.9	4.7	8.0	8.9	2.3	45.3
ZINC	MG/L	# of Samples	5	4	4	2	0	1	1	5	4	5	4	4	39
ZINC	MG/L	Maximum	0.0103	0.0076	0.0065	<0.0050	0	0.0076	0.0055	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0103
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.0041	0.0038	0.0044	0.0025	0	0.0076	0.0055	0.0025	0.0025	0.0025	0.0025	0.0025	0.0076

TABLE 67: Tacora Resources (Wabush) 2017 Knoll Lake Discharge (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 67 CONTINUED: Tacora Resources (Wabush) 2017 Knoll Lake Discharge (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
ARSENIC	MG/L	Maximum	0	0	0	0	<0.0010	<0.0010	0	0	0	0	0	0	<0.0010
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0.0005	0	0	0	0	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
COPPER	MG/L	Maximum	0	0	0	0	<0.0020	<0.0020	0	0	0	0	0	0	<0.0020
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.001	0.001	0	0	0	0	0	0	0.001
NICKEL	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
NICKEL	MG/L	Maximum	0	0	0	0	<0.0020	<0.0020	0	0	0	0	0	0	<0.0020
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.001	0.001	0	0	0	0	0	0	0.001
LEAD	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
LEAD	MG/L	Maximum	0	0	0	0	<0.00050	<0.00050	0	0	0	0	0	0	<0.00050
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.00025	0.00025	0	0	0	0	0	0	0.00025
PH	PH UNITS	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
PH	PH UNITS	Maximum	0	0	0	0	7.88	7.62	0	0	0	0	0	0	7.88
PH	PH UNITS	Minimum	0	0	0	0	7.60	7.62	0	0	0	0	0	0	7.60
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
RADIUM226	BQ/L	Maximum	0	0	0	0	<0.010	0	0	0	0	0	0	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0.005	0	0	0	0	0	0	0	0.005
TSS	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
TSS	MG/L	Maximum	0	0	0	0	3.8	4	0	0	0	0	0	0	4
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	2.8	4	0	0	0	0	0	0	4
ZINC	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
ZINC	MG/L	Maximum	0	0	0	0	0.0161	0.0132	0	0	0	0	0	0	0.0161
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0.0133	0.0132	0	0	0	0	0	0	0.0133

TABLE 68: Tacora Resources (Wabush) 2017 Tailings Line Emergency Dump Basin #1 (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	1	0	1	0	0	3
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	1	0	0	1	0	1	0	0	3
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	1	0	1	0	0	3
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	1	0	0	1	0	1	0	0	3
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
ARSENIC	UG/L	Maximum	0	0	0	0	<1.0	0	0	<1.0	<1.0	<1.0	0	0	<1.0
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0.5	0.5	0.5	0	0	0.5
COPPER	UG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
COPPER	UG/L	Maximum	0	0	0	0	<2.0	0	0	<2.0	<2.0	<2.0	0	0	<2.0
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	1	0	0	1	1	1	0	0	1
NICKEL	UG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
NICKEL	UG/L	Maximum	0	0	0	0	<2.0	0	0	<2.0	<2.0	<2.0	0	0	<2.0
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	1	0	0	1	1	1	0	0	1
LEAD	UG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
LEAD	UG/L	Maximum	0	0	0	0	<0.50	0	0	<0.50	<0.50	<0.50	0	0	<0.50
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0.25	0	0	0.25	0.25	0.25	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
PH	PH UNITS	Maximum	0	0	0	0	7.39	0	0	7.67	8.01	8.05	0	0	8.05
PH	PH UNITS	Minimum	0	0	0	0	7.39	0	0	7.67	8.01	7.82	0	0	7.39
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	1	0	0	1	1	1	0	0	4
RADIUM226	BQ/L	Maximum	0	0	0	0	<0.010	0	0	<0.010	<0.010	<0.010	0	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0.005	0	0	0.005	0.005	0.005	0	0	0.005

TABLE 68 CONTINUED: Tacora Resources (Wabush) 2017 Tailings Line Emergency Dump Basin #1 (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
TSS	MG/L	Maximum	0	0	0	0	12	0	0	1.6	<0.50	1.2	0	0	12
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	12	0	0	1.6	0.25	0.44	0	0	12
ZINC	UG/L	# of Samples	0	0	0	0	1	0	0	1	1	5	0	0	8
ZINC	UG/L	Maximum	0	0	0	0	6.4	0	0	5.3	<5.0	<5.0	0	0	6.4
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	6.4	0	0	5.3	2.5	2.5	0	0	6.4

TABLE 69: Tata Steel Minerals Canada Limited 2017 COASW11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
ARSENIC	MG/L	Maximum	0	0	0	0	<0.001	0	0	0	0	0	0	0	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0	0	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
COPPER	MG/L	Maximum	0	0	0	0	0.0058	0	0	0	0	0	0	0	0.0058
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.0041	0	0	0	0	0	0	0	0.0041
NICKEL	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
NICKEL	MG/L	Maximum	0	0	0	0	0.0036	0	0	0	0	0	0	0	0.0036
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.0023	0	0	0	0	0	0	0	0.0023
LEAD	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
LEAD	MG/L	Maximum	0	0	0	0	0.0022	0	0	0	0	0	0	0	0.0022
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.0014	0	0	0	0	0	0	0	0.0014
PH	PH UNITS	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
PH	PH UNITS	Maximum	0	0	0	0	7.57	0	0	0	0	0	0	0	7.57
PH	PH UNITS	Minimum	0	0	0	0	6.21	0	0	0	0	0	0	0	6.21
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	2	0	0	0	0	0	0	0	2
RADIUM226	BQ/L	Maximum	0	0	0	0	<0.0050	0	0	0	0	0	0	0	<0.0050
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0.0025	0	0	0	0	0	0	0	0.0025

TABLE 69 CONTINUED: Tata Steel Minerals Canada Limited 2017 COASW11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
TSS	MG/L	Maximum	0	0	0	0	320	0	0	0	0	0	0	0	320
TSS	MG/L	Exceedance(>30)	0	0	0	0	2	0	0	0	0	0	0	0	2
TSS	MG/L	Monthly Average	0	0	0	0	149.5	0	0	0	0	0	0	0	149.5
ZINC	MG/L	# of Samples	0	0	0	0	3	0	0	0	0	0	0	0	3
ZINC	MG/L	Maximum	0	0	0	0	0.072	0	0	0	0	0	0	0	0.072
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0.054	0	0	0	0	0	0	0	0.054

TABLE 70: Tata Steel Minerals Canada Limited 2017 COASW12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
ARSENIC	MG/L	Maximum	0	0	0	0	<0.001	0	0	0	0	0	0	0	<0.001
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0	0	0	0	0.0005
COPPER	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
COPPER	MG/L	Maximum	0	0	0	0	0.0039	0	0	0	0	0	0	0	0.0039
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0	0	0	0	0.0039	0	0	0	0	0	0	0	0.0039
NICKEL	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
NICKEL	MG/L	Maximum	0	0	0	0	0.0024	0	0	0	0	0	0	0	0.0024
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0	0	0	0	0.0024	0	0	0	0	0	0	0	0.0024

TABLE 70 CONTINUED: Tata Steel Minerals Canada Limited 2017 COASW12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
LEAD	MG/L	Maximum	0	0	0	0	0.001	0	0	0	0	0	0	0	0.001
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0	0	0	0	0.001	0	0	0	0	0	0	0	0.001
PH	PH UNITS	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
PH	PH UNITS	Maximum	0	0	0	0	5.91	0	0	0	0	0	0	0	5.91
PH	PH UNITS	Minimum	0	0	0	0	5.91	0	0	0	0	0	0	0	5.91
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
RADIUM226	BQ/L	Maximum	0	0	0	0	<0.0050	0	0	0	0	0	0	0	<0.0050
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0.0025	0	0	0	0	0	0	0	0.0025
TSS	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	62	0	0	0	0	0	0	0	62
TSS	MG/L	Exceedance(>30)	0	0	0	0	1	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	0	0	0	0	62	0	0	0	0	0	0	0	62
ZINC	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
ZINC	MG/L	Maximum	0	0	0	0	0.015	0	0	0	0	0	0	0	0.015
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0	0	0	0	0.015	0	0	0	0	0	0	0	0.015

TABLE 71: Teck Resources (Millertown) 2017 Dam C

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	0	1	11
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	1	0	1
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
ARSENIC	MG/L	Maximum	<0.01	<0.01	<0.01	<0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.02	0.01	0.02
ARSENIC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	MG/L	Monthly Average	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
COPPER	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
COPPER	MG/L	Maximum	0.015	0.023	0.018	0.022	0.023	0.019	0.017	0.017	0.017	0.017	0.023	0.023	0.023
COPPER	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	MG/L	Monthly Average	0.014	0.019	0.016	0.016	0.020	0.015	0.014	0.014	0.015	0.014	0.019	0.020	0.020
NICKEL	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
NICKEL	MG/L	Maximum	0.008	0.008	0.006	<0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.004	0.008
NICKEL	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	MG/L	Monthly Average	0.004	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003	0.004
LEAD	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
LEAD	MG/L	Maximum	<0.007	<0.007	<0.007	<0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	0.02	< 0.007	0.02
LEAD	MG/L	Exceedance(>0.4)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	MG/L	Monthly Average	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.011	0.004	0.011
PH	PH UNITS	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
PH	PH UNITS	Maximum	8.04	7.65	7.93	7.59	7.38	7.43	7.44	7.54	7.51	7.47	7.52	7.47	8.04
PH	PH UNITS	Minimum	7.61	7.39	7.26	7.15	6.90	6.48	7.41	7.35	7.36	7.27	7.26	7.04	6.48
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	1	0	1	0	1	1	1	1	1	0	1	1	9
RADIUM226	BQ/L	Maximum	<0.005	0	0.010	0	0.009	<0.005	0.006	0.009	<0.005	0	<0.005	0.008	0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0.003	0	0.010	0	0.009	0.003	0.006	0.009	0.003	0	0.003	0.008	0.010

TABLE 71 CONTINUED: Teck Resources (Millertown) 2017 Dam C

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
TSS	MG/L	Maximum	<2	<2	<2	<2	2	2	2	< 2	< 2	< 2	2	< 2	2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1	1	1	1	1.2	1.4	1.25	1	1	1	1.8	1	1.8
ZINC	MG/L	# of Samples	5	4	4	4	6	5	4	5	4	5	4	4	54
ZINC	MG/L	Maximum	0.494	0.446	0.374	0.329	0.423	0.221	0.119	0.138	0.074	0.055	0.097	0.282	0.494
ZINC	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	MG/L	Monthly Average	0.358	0.377	0.303	0.213	0.186	0.161	0.103	0.103	0.063	0.051	0.089	0.186	0.377

TABLE 72: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
ARSENIC	UG/L	Maximum	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	1	1	1	1	1	1	1	1	1	1	1	1	1
COPPER	UG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
COPPER	UG/L	Maximum	1	<1	<1	1	<1	1	3	<1	2	3	1	4	4
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0.6	0.5	0.5	1	0.5	1	3	0.5	2	3	1	4	4
NICKEL	UG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
NICKEL	UG/L	Maximum	59	11	67	52	5	30	13	20	21	10	14	15	67
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	23.6	11	67	52	5	30	13	20	21	10	14	15	67
LEAD	UG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
LEAD	UG/L	Maximum	0.5	0.6	5.9	<0.5	<0.5	<0.5	1	<0.5	<0.5	0.5	<0.5	<0.5	5.9
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.3	0.6	5.9	0.25	0.25	0.25	1	0.25	0.25	0.5	0.25	0.25	5.9
PH	PH UNITS	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
PH	PH UNITS	Maximum	9.51	7.72	7.06	7.13	7.75	7.33	6.88	7.44	7.46	7.15	6.68	6.50	9.51
PH	PH UNITS	Minimum	7.43	7.72	7.06	7.13	7.75	7.33	6.88	7.44	7.46	7.15	6.68	6.50	6.50
PH	PH UNITS	Exceedance(<5.5,>9.0)	1	0	0	0	0	0	0	0	0	0	0	0	1
TSS	MG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
TSS	MG/L	Maximum	<5	6	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.5	6	2.5	5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6
ZINC	UG/L	# of Samples	5	1	1	1	1	1	1	1	1	1	1	1	16
ZINC	UG/L	Maximum	7	20	11	10	<5	19	17	21	24	15	28	21	28
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	4.8	20	11	10	2.5	19	17	21	24	15	28	21	28

TABLE 73: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ARSENIC	UG/L	Maximum	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	1	1	1	1	1	1	1	1	1	1	1	1	1
COPPER	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
COPPER	UG/L	Maximum	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	2	3	3
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	2	3	3
NICKEL	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
NICKEL	UG/L	Maximum	<2	<2	<2	<2	<2	<2	2	<2	<2	<2	<2	<2	2
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	1	1	1	1	1	1	2	1	1	1	1	1	2
LEAD	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LEAD	UG/L	Maximum	<0.5	<0.5	11.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	11.9
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.25	0.25	11.9	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	11.9
PH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
PH	PH UNITS	Maximum	6.34	6.62	6.29	6.58	6.73	6.83	6.83	6.64	6.8	6.83	6.4	6.38	6.83
PH	PH UNITS	Minimum	6.34	6.62	6.29	6.58	6.73	6.83	6.83	6.64	6.8	6.83	6.4	6.38	6.29
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TSS	MG/L	Maximum	<5	<5	<5	<5	<5	<5	9	<5	<5	<5	<5	<5	9
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	2.5	9	2.5	2.5	2.5	2.5	2.5	9
ZINC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ZINC	UG/L	Maximum	6	9	<5	6	<5	<5	<5	<5	6	<5	<5	<5	9
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	6	9	2.5	6	2.5	2.5	2.5	2.5	6	2.5	2.5	2.5	9

TABLE 74: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D3

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ARSENIC	UG/L	Maximum	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	1	1	1	1	1	1	1	1	1	1	1	1	1
COPPER	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
COPPER	UG/L	Maximum	2	2	3	2	<1	2	4	1	3	2	2	4	4
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	2	2	3	2	0.5	2	4	1	3	2	2	4	4
NICKEL	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
NICKEL	UG/L	Maximum	<2	<2	3	2	3	3	<2	<2	3	<2	2	2	3
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	1	1	3	2	3	3	1	1	3	1	2	2	3
LEAD	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LEAD	UG/L	Maximum	1.3	3.1	6.9	1.9	1.2	2.5	2.2	<0.5	1	1	<0.5	1.1	6.9
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	1.3	3.1	6.9	1.9	1.2	2.5	2.2	0.25	1	1	0.25	1.1	6.9
PH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
PH	PH UNITS	Maximum	7.35	7.36	6.95	7.18	7.32	7.67	7.19	7.81	7.59	7.3	7.27	6.85	7.81
PH	PH UNITS	Minimum	7.35	7.36	6.95	7.18	7.32	7.67	7.19	7.81	7.59	7.3	7.27	6.85	6.85
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TSS	MG/L	Maximum	<5	5	<5	6	<5	<5	<5	<5	<5	<5	<5	<5	6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.5	5	2.5	6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	6
ZINC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ZINC	UG/L	Maximum	10	9	12	10	5	8	11	<5	7	7	<5	7	12
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	10	9	12	10	5	8	11	2.5	7	7	2.5	7	12

TABLE 75: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 D5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
ARSENIC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ARSENIC	UG/L	Maximum	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	1	1	1	1	1	1	1	1	1	1	1	1	1
COPPER	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
COPPER	UG/L	Maximum	1	<1	1	2	<1	2	3	1	3	2	4	3	4
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	1	0.5	1	2	0.5	2	3	1	3	2	4	3	4
NICKEL	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
NICKEL	UG/L	Maximum	8	6	8	9	30	22	38	16	21	15	12	12	38
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	8	6	8	9	30	22	38	16	21	15	12	12	38
LEAD	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LEAD	UG/L	Maximum	0.8	<0.5	6.4	1	0.5	0.8	0.8	<0.5	<0.5	<0.5	1.9	<0.5	6.4
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.8	0.25	6.4	1	0.5	0.8	0.8	0.25	0.25	0.25	1.9	0.25	6.4
PH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
PH	PH UNITS	Maximum	6.91	6.51	6.68	6.91	7.14	7.39	7.14	7.3	7.24	6.95	6.95	6.61	7.39
PH	PH UNITS	Minimum	6.91	6.51	6.68	6.91	7.14	7.39	7.14	7.3	7.24	6.95	6.95	6.61	6.51
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TSS	MG/L	Maximum	<5	<5	<5	<5	<5	<5	6	5	<5	<5	27	<5	27
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	2.5	6	5	2.5	2.5	27	2.5	27
ZINC	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
ZINC	UG/L	Maximum	8	9	8	7	<5	5	6	<5	6	6	10	<5	10
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	8	9	8	7	2.5	5	6	2.5	6	6	10	2.5	10

TABLE 76: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 FDP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	1	1	1	1	1	0	1	0	0	1	0	0	7
DAPHNIA MAGNA	PASS/FAIL	Pass	1	1	1	1	1	0	1	0	0	1	0	0	7
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
RAINBOW TROUT	PASS/FAIL	# of Samples	1	1	1	1	1	0	1	0	0	1	0	0	7
RAINBOW TROUT	PASS/FAIL	Pass	1	1	1	1	1	0	1	0	0	1	0	0	7
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
ARSENIC	UG/L	Maximum	<2	<2	<2	<2	<2	<2	<2	5	<2	<2	<2	0	5
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	1	1	1	1	1	1	1	1.8	1	1	1	0	1.8
COPPER	UG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
COPPER	UG/L	Maximum	5	5	3	10	5	4	7	6	11	11	2	0	11
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	4.4	4.2	2.6	4.8	3.2	3.0	5.0	4.2	8.3	5.6	2.0	0.0	8.3
NICKEL	UG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
NICKEL	UG/L	Maximum	318	324	251	195	132	137	191	197	243	328	129	0	328
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	297	309	224	172	114	96	165	140	211	229	129	0	309
LEAD	UG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
LEAD	UG/L	Maximum	<0.5	<0.5	1.2	1.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	0	1.5
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.3	0.3	0.4	0.9	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0	0.9
PH	PH UNITS	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
PH	PH UNITS	Maximum	7.81	7.77	7.90	7.67	7.88	7.85	7.80	7.79	7.66	7.80	7.66	0	7.90
PH	PH UNITS	Minimum	7.69	7.65	7.57	7.44	7.63	7.62	7.64	7.55	7.51	7.56	7.66	0	7.44
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	5	5	5	2	1	0	1	0	0	1	0	0	20
RADIUM226	BQ/L	Maximum	0.020	0.020	0.010	0.010	<0.005	0	<0.005	0	0	0.008	0	0	0.020
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0.008	0.008	0.008	0.008	0.003	0.000	0.003	0	0	0.008	0	0	0.008

TABLE 76 CONTINUED: Vale Newfoundland and Labrador Limited (Long Harbour) 2017 FDP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
TSS	MG/L	Maximum	<5	<5	10	7	<5	<5	12	<5	<5	6	<5	0	12
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.5	2.5	4.0	4.5	2.5	2.5	6.5	2.5	2.5	3.2	2.5	0	6.5
ZINC	UG/L	# of Samples	5	5	5	4	5	4	4	5	4	5	1	0	47
ZINC	UG/L	Maximum	<5	6	<5	<5	<5	<5	5	<5	11	15	<5	0	15
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	2.5	3.2	2.5	2.5	2.5	2.5	3.1	2.5	6.5	8.3	2.5	0	8.3

TABLE 77: Vale Newfoundland and Labrador (Voisey's Bay) 2017 Port Site Sed Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
DAPHNIA MAGNA	PASS/FAIL	Pass	0	0	0	0	0	1	0	0	0	0	0	0	1
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	1	0	0	1
RAINBOW TROUT	PASS/FAIL	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
RAINBOW TROUT	PASS/FAIL	Pass	0	0	0	0	0	1	0	0	0	1	0	0	2
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
ARSENIC	UG/L	Maximum	0	0	0	0	0	<2	0	0	0	<2	0	0	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0	0	0	0	0	1	0	0	0	1	0	0	1
COPPER	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
COPPER	UG/L	Maximum	0	0	0	0	0	9	0	0	0	7	0	0	9
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	0	0	0	0	0	9	0	0	0	7	0	0	9
NICKEL	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
NICKEL	UG/L	Maximum	0	0	0	0	0	370	0	0	0	102	0	0	370
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	0	0	0	0	0	370	0	0	0	102	0	0	370
LEAD	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
LEAD	UG/L	Maximum	0	0	0	0	0	<0.5	0	0	0	<0.5	0	0	<0.5
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0.25	0	0	0.25
PH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
PH	PH UNITS	Maximum	0	0	0	0	0	8.13	0	0	0	7.59	0	0	8.13
PH	PH UNITS	Minimum	0	0	0	0	0	8.13	0	0	0	7.59	0	0	7.59
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
RADIUM226	BQ/L	Maximum	0	0	0	0	0	<0.005	0	0	0	0.009	0	0	0.009
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0	0	0	0	0	0.0025	0	0	0	0.009	0	0	0.009

TABLE 77 CONTINUED: Vale Newfoundland and Labrador (Voisey's Bay) 2017 Port Site Sed Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
TSS	MG/L	Maximum	0	0	0	0	0	<5	0	0	0	<5	0	0	<5
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	2.5	0	0	0	2.5	0	0	2.5
ZINC	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	1	0	0	2
ZINC	UG/L	Maximum	0	0	0	0	0	<5	0	0	0	<5	0	0	<5
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	0	0	0	0	0	2.5	0	0	0	2.5	0	0	2.5

TABLE 78: Vale Newfoundland and Labrador (Voisey's Bay) 2017 Treated Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
DAPHNIA MAGNA	PASS/FAIL	# of Samples	0	1	0	0	1	0	0	0	1	0	1	0	4
DAPHNIA MAGNA	PASS/FAIL	Pass	0	1	0	0	1	0	0	0	0	0	0	0	2
DAPHNIA MAGNA	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	1	0	1	0	2
RAINBOW TROUT	PASS/FAIL	# of Samples	0	1	0	0	1	0	0	0	1	0	1	0	4
RAINBOW TROUT	PASS/FAIL	Pass	0	1	0	0	1	0	0	0	1	0	1	0	4
RAINBOW TROUT	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
ARSENIC	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<2	0	0	0	<2	<2	<2	<2	<2
ARSENIC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC	UG/L	Monthly Average	0.5	0.5	0.5	0.5	1	0	0	0	1	1	1	1	1
COPPER	UG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
COPPER	UG/L	Maximum	<2.0	<2.0	<2.0	<2.0	2	0	0	0	4	4	5	5	5
COPPER	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	UG/L	Monthly Average	1	1	1	1	1.3	0	0	0	2.7	3.0	3.3	3.3	3.3
NICKEL	UG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
NICKEL	UG/L	Maximum	44	27	30	25	54	0	0	0	48	72	79	71	79
NICKEL	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	UG/L	Monthly Average	35.6	24.8	27.8	21.8	50.7	0	0	0	45.0	60.0	66.0	60.3	66.0

TABLE 78 CONTINUED: Vale Newfoundland and Labrador (Voisey's Bay) 2017 Treated Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LEAD	UG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
LEAD	UG/L	Maximum	<0.50	<0.50	<0.50	<0.50	<0.5	0	0	0	<0.5	<0.5	0.6	1.7	1.7
LEAD	UG/L	Exceedance(>400)	0	0	0	0	0	0	0	0	0	0	0	0	0
LEAD	UG/L	Monthly Average	0.3	0.3	0.3	0.3	0.3	0	0	0	0.3	0.3	0.3	1.1	1.1
PH	PH UNITS	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
PH	PH UNITS	Maximum	8.85	8.58	9.20	8.06	8.43	0	0	0	8.46	8.83	8.91	8.57	9.20
PH	PH UNITS	Minimum	7.25	7.31	7.46	7.73	8.11	0	0	0	7.90	8.30	8.26	8.06	7.25
PH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	1	0	0	0	0	0	0	0	0	0	1
RADIUM226	BQ/L	# of Samples	1	1	1	0	1	0	0	0	0	0	1	0	5
RADIUM226	BQ/L	Maximum	<0.010	<0.010	<0.010	0	<0.005	0	0	0	0	0	<0.005	0	<0.010
RADIUM226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
RADIUM226	BQ/L	Monthly Average	0.005	0.005	0.005	0	0.003	0	0	0	0	0	0.003	0	0.005
TSS	MG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
TSS	MG/L	Maximum	4.6	4.6	4.1	5	8	0	0	0	9	5	6	9	9
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.9	4.3	3.2	4.2	6.7	0	0	0	6.2	3.8	4.9	5.3	6.7
ZINC	UG/L	# of Samples	5	4	4	4	2	0	0	0	3	4	4	4	34
ZINC	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5	0	0	0	<5	<5	6	6	6
ZINC	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
ZINC	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	0	0	0	2.5	2.5	3.4	3.4	3.4