

Environment and Climate Change

Industrial Effluent Compliance 2024 Annual Report

September 2025



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Executive Summary

The Newfoundland and Labrador Department of Environment and Climate Change (ECC) regulates effluent discharge under the *Environmental Control Water and Sewage Regulations NLR 65/03* (ECWSR). In April 2009, the ECWSR was amended. The amendment adopted specific discharge limits from the corresponding federal regulations for each of the mining, pulp and paper and petroleum refining industrial sectors. Facilities 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 facility meets regulatory requirements and is protective of the receiving environment.

ECC works closely with facilities 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, the Department strives 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 2024, 29 facilities reported effluent quality to ECC. This report provides a summary of the effluent quality discharged at these facilities within the province of Newfoundland and Labrador. It is important to note that the summaries provided are for the discharge locations only. Most facilities conduct additional monitoring for general water quality characterization at discharge points, as well as other locations in proximity to operations. Some facilities operating in the province also participate in Environmental Effects Monitoring (EEM) programs. This report identifies EEM activities completed in 2024.

Points to Note:

- The data presented is based upon reports submitted to ECC by industry, as of September 2025.
- 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. With respect to the 'Overall' column in the data summary tables, the 'Overall' number of samples and exceedances are the total for the year. The 'Overall' maximum and monthly average are the highest reported value for the year.

Facilities

Beaver Brook Antimony Mine Incorporated

<u>2024 COA</u>	Approval #:	AA24-095708
	Issue Date:	September 18, 2024
	Expiration:	June 5, 2028

Beaver Brook Antimony Mine Incorporated has one discharge location, Site 16. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Beaver Brook Antimony Mine Incorporated Phase 4 Interpretive Report was reviewed in 2024.

See Table 1: Beaver Brook 2024 Site 16

Braya Renewable Fuels

<u>2024 COA</u>	Approval #:	AA22-045668
	Issue Date:	April 28, 2022
	Expiration:	April 28, 2027

Braya Renewable Fuels has one discharge point, the outfall to sea location. In 2024, there were 10 TSS exceedances, two BOD exceedances and one total phosphates exceedance reported.

Environmental Effects Monitoring

The Braya Renewable Fuels 2023 Terrestrial EEM Interpretive Report was reviewed in 2024.

The Braya Renewable Fuels 2023 Marine EEM Interpretive Report was reviewed in 2024.

See Table 2: Braya Renewable Fuels 2024 Outfall to Sea

Canada Fluorspar Incorporated

<u>2024 COA</u>	Approval #:	AA22-085691
	Issue Date:	August 17, 2022
	Amended:	March 14, 2024
	Expiration:	August 17, 2027

Canada Fluorspar Incorporated discharged effluent from four locations. In 2024, there was one lead, and one zinc exceedance reported at WQ STA 24.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 3: Canada Fluorspar Incorporated 2024 WQ STA 11
Table 4: Canada Fluorspar Incorporated 2024 WQ STA 23
Table 5: Canada Fluorspar Incorporated 2024 WQ STA 24
Table 6: Canada Fluorspar Incorporated 2024 WQ STA 25

Carino Processing Limited

<u>2024 COA</u>	Approval #:	AA24-045704
	Issue Date:	April 11, 2024
	Expiration:	April 11, 2029

Carino Processing Limited has one effluent discharge location. In 2024, there were 35 BOD, two copper, 12 iron, 44 ammonia, five pH, 44 phenolics, two selenium, 11 TDS, 20 total oil and grease and 24 TSS exceedances reported.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Carino Processing Limited.

See Table 7: Carino 2024 Effluent Discharge

CEMEX Materials Newfoundland Inc.

<u>2024 COA</u>	Approval #:	AA23-125700
	Issue Date:	December 13, 2023
	Expiration:	December 13, 2028

CEMEX Materials discharged effluent from three locations. In 2024, there were no exceedances reported in 2024.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 8: CEMEX 2024 DL Quarry 1 (Goose Pond)
Table 9: CEMEX 2024 DL Quarry 2
Table 10: CEMEX 2024 Hi-Cal Sampling Point #1

Cenovus Energy Incorporated – Atlantic (Argentia)

<u>2024 COA</u>	Approval #:	AA22-035666
	Issue Date:	March 29, 2022
	Expiration:	March 29, 2027

Cenovus Energy Incorporated – Atlantic Region discharged effluent at three locations. In 2024, there were 10 ammonia and two TSS exceedances were reported at Settlement Pond #1 weir. 10 ammonia and 10 TDS exceedances reported at Settling Pond #2 weir. One boron, one TDS and two TSS exceedances reported at the Pond Overflow Weir.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 11: Cenovus Energy Incorporated (Argentia) 2024 Settlement Pond #1 Weir
Table 12: Cenovus Energy Incorporated (Argentia) 2024 Settlement Pond #2 Weir
Table 13: Cenovus Energy Incorporated (Argentia) 2024 Pond Overflow Weir

Central Regional Waste Services Board

<u>2024 COA</u>	Approval #:	WMS-17-12-001
	Issue Date:	January 15, 2023
	Expiration:	January 31, 2028

The Central Regional Services Board discharged effluent at one location. In 2024, there were two BOD, three ammonia, five nitrate, two TDS and two TSS exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 14: Central Regional Waste Services Board 2024 SW9

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

2024 COA

Approval #: WMS-2019-02-001

Issue Date: February 28, 2024

Expiration: December 31, 2028

The Robin Hood Bay Regional Waste Management Facility discharged effluent at one location. In 2024, there were three iron and one zinc exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 15: City of St. John's – Robin Hood Bay Landfill 2024 LW2

Corner Brook Pulp and Paper Limited

2024 COA

Approval #: AA24-035703

Issue Date: March 1, 2024

Expiration: March 1, 2029

Corner Brook Pulp and Paper Limited discharged effluent at two locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Corner Brook Pulp and Paper Cycle 10 Study Design was reviewed in 2024.

See Table 16: Corner Brook Pulp and Paper 2024 East Sewer

Table 17: Corner Brook Pulp and Paper 2024 Effluent Treatment

Table 18: Corner Brook Pulp and Paper 2024 Total Mill Discharge

Country Ribbon Incorporated

2024 COA

Approval #: WMS-18-05-001

Issue Date: May 31, 2022

Expiration: May 31, 2027

Country Ribbon Incorporated discharged effluent at one location. In 2024, there were 19 BOD, one orthophosphate, eight total oil and grease, and three TSS exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 19: Country Ribbon Incorporated (White Hills Road) 2024 Post DAF Sampling

Department of Industry, Energy and Technology (Buchans)

2024 Monitoring As per letter from PPD
Issue Date: April 18, 2018

Several locations are sampled near the town of Buchans, NL by the Department of Industry, Energy and Technology. Five of these locations discharge into the environment. In 2024, one zinc exceedance was reported at the PH1 & PH2 Combined location. One cadmium, one copper, one lead, one zinc and one pH exceedances were reported at Site 1. One copper, one lead and one zinc exceedances were reported at Site 12 and one zinc exceedance was reported at Site 17.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 20: Department of Industry, Energy and Technology (Buchans) 2024 PH1 & PH2 Combined
Table 21: Department of Industry, Energy and Technology (Buchans) 2024 Site 1
Table 22: Department of Industry, Energy and Technology (Buchans) 2024 Site 12
Table 23: Department of Industry, Energy and Technology (Buchans) 2024 Site 17
Table 24: Department of Industry, Energy and Technology (Buchans) 2024 Site 2

Department of Transportation and Infrastructure (Grand Falls)

2024 Monitoring As per email from PPD
Issue Date: January 14, 2020

The Department of Transportation and Infrastructure samples the discharge located at the North Sewer of the remediated pulp and paper site in Grand Falls. In 2024, there was one iron exceedance.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 25: Department of Transportation and Infrastructure (Grand Falls) 2024 North Sewer

Firefly Metals Limited

2024 COA Approval #: AA23-035695
Issue Date: March 31, 2023
Expiration: March 31, 2028

Firefly Metals Limited discharged effluent at two locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Rambler Metals and Mining Canada Limited Ming Mine Cycle 5 Study Design was reviewed in 2024.

See Table 26: Firefly Metals Limited 2024 No.2 Polishing Pond
Table 27: Firefly Metals Limited 2024 Treated Mine Effluent

GFL Environmental Services Incorporated (Logy Bay Road)

<u>2024 COA</u>	Approval #:	WMS-07-07-017
	Issue Date:	February 16, 2023
	Expiration:	March 31, 2028

GFL Environmental Services Incorporated discharged effluent at one location. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 28: GFL Environmental Services 2024 Waste Water Discharge

Halifax C and D

<u>2024 COA</u>	Approval #:	WMS-22-09-001
	Issue Date:	September 8, 2022
	Expiration:	August 31, 2025

Halifax C and D discharged effluent at one location. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 29: Halifax C&D 2024 Collection Pond.

Iron Ore Company of Canada

<u>2024 COA</u>	Approval #:	AA22-065670
	Issue Date:	June 28, 2022
	Amended:	August 17, 2023 September 10, 2024
	Expiration:	June 28, 2027

The Iron Ore Company of Canada discharged effluent at 12 locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Iron Ore Company of Canada Carol Lake Cycle 7 Interpretive Report was reviewed in 2024.

See Table 30: Iron Ore Company of Canada (Labrador City) 2024 FDP-DW25
Table 31: Iron Ore Company of Canada (Labrador City) 2024 FDP-HC
Table 32: Iron Ore Company of Canada (Labrador City) 2024 FDP-JN
Table 33: Iron Ore Company of Canada (Labrador City) 2024 FDP-LLN
Table 34: Iron Ore Company of Canada (Labrador City) 2024 FDP-MD30
Table 35: Iron Ore Company of Canada (Labrador City) 2024 FDP-MP-06
Table 36: Iron Ore Company of Canada (Labrador City) 2024 FDP-SL
Table 37: Iron Ore Company of Canada (Labrador City) 2024 FDP-W3-02
Table 38: Iron Ore Company of Canada (Labrador City) 2024 MD5
Table 39: Iron Ore Company of Canada (Labrador City) 2024 PD19
Table 40: Iron Ore Company of Canada (Labrador City) 2024 PD25

Table 41: Iron Ore Company of Canada (Labrador City) 2024 PD35

Labatt Breweries

<u>2024 COA</u>	Approval #:	AA24-075706
	Issue Date:	July 4, 2024
	Expiration:	July 4, 2029

Labatt Breweries discharged effluent at one location. In 2024, there were 47 BOD, 21 pH, two total phosphates, 39 total phosphates as P2O5 and 4 TSS exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 42: Labatt Breweries Newfoundland (St. John's) 2024 Water Chemistry

Marine Contractors Incorporated

<u>2024 COA</u>	Approval #:	WMS-07-08-020
	Issue Date:	April 30, 2020
	Expiration:	April 30, 2025

Marine Contractors Incorporated discharged effluent at one location. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 43: Marine Contractors Incorporated (Stephenville) 2024 Lagoon

Maritime Resources Corporation.

<u>2024 COA</u>	Approval #:	AA23-085699
	Issue Date:	August 4, 2023
	Expiration:	September 21, 2025

Maritime Resources Corporation discharged effluent at one location. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Maritime Resources Corporation Cycle 5 Interpretive Report was reviewed in 2024.

See Table 44: Maritime Resources Corporation 2024 Polishing Pond Discharge (FDP)

Molson Coors Canada

<u>2024 COA</u>	Approval #:	AA24-075705
	Issue Date:	July 4, 2024
	Expiration:	July 4, 2029

Molson Coors Canada discharged effluent at one location. In 2024, there were 14 BOD, six pH and four TSS exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 45: Molson Coors Canada (St. John's) 2024 Water Chemistry

Newfoundland and Labrador Hydro (Holyrood)

<u>2024 COA</u>	Approval #:	AA22-065671
	Issue Date:	June 30, 2022
	Expiration:	June 30, 2027

Newfoundland and Labrador Holyrood Thermal Generating Station discharged effluent at five locations. In 2024, there was one TDS exceedance at CT-OS, and two ammonia and one TDS exceedances at OS1.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Newfoundland and Labrador Hydro.

See Table 46: Newfoundland and Labrador Hydro (Holyrood) 2024 CT-OS
Table 47: Newfoundland and Labrador Hydro (Holyrood) 2024 Continuous Basin
Table 48: Newfoundland and Labrador Hydro (Holyrood) 2024 OS1
Table 49: Newfoundland and Labrador Hydro (Holyrood) 2024 OS2
Table 50: Newfoundland and Labrador Hydro (Holyrood) 2024 WWTP

Newfoundland Transshipment Limited

<u>2024 COA</u>	Approval #:	AA23-045697
	Issue Date:	April 12, 2023
	Expiration:	March 12, 2028

Newfoundland Transshipment Limited monitors water quality at nine locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Newfoundland Transshipment Limited.

See Table 51: Newfoundland Transshipment Limited 2024 Oily Water Separator
Table 52: Newfoundland Transshipment Limited 2024 Remote Impoundment Pond
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Table 57: Newfoundland Transshipment Limited 2024 Tank No. 5
Table 58: Newfoundland Transshipment Limited 2024 Tank No. 6
Table 59: Newfoundland Transshipment Limited 2024 Tank No. 7

Pardy's Waste Management (Donovans Industrial Park)

<u>2024 COA</u>	Approval #:	WMS-15-10-010
	Issue Date:	March 10, 2020

Expiration: December 31, 2025

Pardy's Waste Management (Donovans Industrial Park) discharged effluent at one location. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site.

See Table 60: Pardy's Waste Management (Donovans Industrial Park) 2024 Treated Wastewater

Pardy's Waste Management (Incinerator Road)

<u>2024 COA</u>	Approval #:	WMS-15-10-013
	Issue Date:	November 1, 2020
	Expiration:	November 1, 2025

Pardy's Waste Management (Incinerator Road) discharged effluent at one location. In 2024, there were five BOD, one ammonia, one nitrate, five total phosphates as P2O5, four TDS and two TSS exceedances reported.

Environmental Effects Monitoring

There is no EEM program at this site

See Table 61: Pardy's Waste Management (Incinerator Road) 2024 Waste Water Treatment Plant

Tacora Resources

<u>2024 COA</u>	Approval #:	AA23-035696
	Issue Date:	March 27, 2023
	Expiration:	March 27, 2028

Tacora Resources discharged effluent at four locations. In 2024, there were six TSS exceedances at the Tailings Line Emergency Dump Basin and one TSS exceedance at the West Pit Dewatering Settling Basin.

Environmental Effects Monitoring

The Tacora Resources Scully Mine Cycle 7 Interpretive Report was reviewed in 2024.

See Table 62: Tacora Resources (Wabush) 2024 East Pit 2 Dewatering (Sylvio Settling Basin)
Table 63: Tacora Resources (Wabush) 2024 Flora Lake Discharge
Table 64: Tacora Resources (Wabush) 2024 Tailings Line Emergency Dump Basin (Settling Basin)
Table 65: Tacora Resources (Wabush) 2024 West Pit Dewatering (Settling Basin)

Tata Steel Minerals Canada Limited

<u>2024 COA</u>	Approval #:	AA18-055650B
	Issue Date:	May 14, 2018
	Amended:	July 29, 2020
	Expiration:	July 29, 2025

Tata Steel Minerals Canada Limited discharged effluent at one location. In 2024, there was one Rainbow Trout failure reported.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Tata Steel Mineral Canada Limited.

See Table 66: Tata Steel Minerals Canada Limited 2024 COASW11

Teck Resources Limited

2024 Monitoring Duck Pond Closure Water Quality Monitoring Program
Issue Date: November 25, 2015

Teck Resources Limited discharged effluent at two locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Teck Resources Limited.

See Table 67: Teck Resources (Millertown) 2024 Dam A
Table 68: Teck Resources (Millertown) 2024 Dam C

Vale Newfoundland and Labrador Limited (Long Harbour)

2024 COA Approval #: AA23-125701
Issue Date: December 21, 2023
Expiration: December 21, 2028

Vale Newfoundland and Labrador Limited (Long Harbour) discharged effluent at five locations. In 2024, there were no exceedances reported.

Environmental Effects Monitoring

The Vale Newfoundland and Labrador Limited (Long Harbour) Cycle 3 EEM Interpretative Report was reviewed in 2024.

See Table 69: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D2
Table 70: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D25
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Table 72: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D5
Table 73: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 FDP1

Vale Newfoundland and Labrador Limited (Voisey's Bay)

2024 COA Approval #: AA23-125702
Issue Date: December 21, 2023
Amended: December 21, 2028

Vale Newfoundland and Labrador Limited (Voisey's Bay) mine site discharged effluent from one location. In 2024, there was one TSS exceedance reported.

Environmental Effects Monitoring

There were no EEM submissions reviewed in 2024 for Vale Newfoundland and Labrador Limited (Voisey's Bay).

See Table 74: Vale Newfoundland and Labrador Limited (Voisey's Bay) 2024 Treated Effluent Discharge

Conclusion

ECC 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 are exactly the same. Differences within the industrial facilities and the receiving environment make this a dynamic field that must be constantly monitored and reviewed.

The industries operating within Newfoundland and Labrador are diligent in working with ECC 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 Environment and Climate Change
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
ECWSR	- Environmental Control Water and Sewage Regulations, 2003 (NLR 65/03)
EEM	- Environmental Effects Monitoring
ECC	- NL Department of Environment and Climate Change
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

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TABLE 1: Beaver Brook 2024 Site 16

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	1	0	0	0	0	1	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	0	1	0	0	0	0	1	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	1	0	0	0	0	1	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	0	1	0	0	0	0	1	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	# of Samples	0	0	0	2	4	4	3	4	6	1	5	2	31
Total Arsenic	UG/L	Maximum	0	0	0	127	116	118	122	123	109	94	441	153	441
Total Arsenic	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	126.5	110.3	112.8	115.7	121.0	99.7	94.0	250.0	151.5	250.0
Total Copper	UG/L	# of Samples	0	0	0	2	4	4	3	3	6	1	5	2	30
Total Copper	UG/L	Maximum	0	0	0	<2	<2	5	4	<1	15	<1	<1	30	30
Total Copper	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	1.0	1.0	1.9	1.8	0.5	3.0	0.5	0.5	15.5	15.5
Un-ionized Ammonia	MG/L	# of Samples	0	0	0	2	4	4	4	2	5	2	4	2	29
Un-ionized Ammonia	MG/L	Maximum	0	0	0	0.0003	0.0003	0.0008	0.0007	0.0009	0.0008	0.0004	0.0002	0.0001	0.0009
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0	0	0	0.0002	0.0002	0.0004	0.0005	0.0008	0.0007	0.0003	0.0001	0.0001	0.0008
Total Nickel	UG/L	# of Samples	0	0	0	2	4	4	3	3	6	1	5	2	30
Total Nickel	UG/L	Maximum	0	0	0	11	9	10	8	8	6	6	18	13	18
Total Nickel	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	11.0	8.3	9.0	7.3	5.7	5.2	6.0	13.2	12.5	13.2
Total Lead	UG/L	# of Samples	0	0	0	2	4	4	3	3	6	1	5	2	30
Total Lead	UG/L	Maximum	0	0	0	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	5	6.8	6.8
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0.25	0.25	0.45	0.25	0.25	0.25	0.25	2.86	5.2	5.2
pH	PH UNITS	# of Samples	0	0	0	2	4	2	1	4	6	1	5	2	27
pH	PH UNITS	Maximum	0	0	0	8.24	8.24	7.89	8.2	8.15	8.24	8.12	7.93	7.87	8.24
pH	PH UNITS	Minimum	0	0	0	7.83	7.73	7.57	8.2	7.95	7.95	8.12	7.49	7.84	7.49
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	1	0	0	0	1	0	0	0	0	2
Radium-226	BQ/L	Maximum	0	0	0	<0.005	0	0	0	<0.005	0	0	0	0	<0.005
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0.0025	0	0	0	0.0025	0	0	0	0	0.0025
Total Suspended Solids	MG/L	# of Samples	0	0	0	2	4	4	3	3	6	1	5	2	30
Total Suspended Solids	MG/L	Maximum	0	0	0	<2	<2	<2	<2	<2	2	<2	9	2	9
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	4.4	1.5	4.4
Total Zinc	UG/L	# of Samples	0	0	0	2	4	4	3	4	6	1	5	2	31
Total Zinc	UG/L	Maximum	0	0	0	<5	<5	31	16	9	17	<5	12	25	31
Total Zinc	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	2.5	2.5	13.4	12.0	4.1	5.8	2.5	7.1	19.0	19.0

TABLE 2: Braya Renewable Fuels 2024 Outfall to Sea

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Silver	UG/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
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/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
Total Arsenic	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Arsenic	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Total Barium	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Barium	UG/L	Maximum	57	83	88	44	40	51	34	32	41	22	44	71	88
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	57	83	84	44	40	50.5	34	32	40.5	22	44	64	84
Total Boron	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Boron	UG/L	Maximum	<50	<50	370	1200	1500	820	850	290	82	250	51	79	1500
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	25	25	231	1200	1500	470	850	290	53.5	250	51	65	1500
BOD	MG/L	# of Samples	1	1	1	1	1	1	1	2	1	1	1	1	13
BOD	MG/L	Maximum	3.5	8.7	<10	<5.0	<2.0	<30	4.6	250	<5.0	2.6	<10	<20	250
BOD	MG/L	Exceedance(>20)	0	0	0	0	0	1	0	1	0	0	0	0	2
BOD	MG/L	Monthly Average	3.5	8.7	5	2.5	1	15	4.6	126.25	2.5	2.6	5	10	126.25
Cyanide (SAD)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Cyanide (SAD)	MG/L	Maximum	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Total Cadmium	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Cadmium	UG/L	Maximum	0.016	0.011	1.4	<0.010	<0.010	0.011	<0.010	<0.010	<0.010	<0.010	<0.010	0.015	1.4
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.016	0.011	0.708	0.005	0.005	0.008	0.005	0.005	0.005	0.005	0.005	0.01	0.708
Total Chromium	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Chromium	UG/L	Maximum	2.1	2	1.5	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	2.1	2	1.35	0.5	0.5	0.9	0.5	0.5	0.5	0.5	0.5	0.5	2.1
Total Copper	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Copper	UG/L	Maximum	3.1	1.8	4.5	1	1.3	4.3	0.95	1.8	2.3	1.7	2.6	2	4.5
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	3.1	1.8	3.5	1	1.3	3.05	0.95	1.8	1.85	1.7	2.6	1.85	3.5
Total Iron	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Iron	UG/L	Maximum	1100	880	930	340	330	1300	660	480	430	250	610	640	1300
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	1100	880	880	340	330	1075	660	480	325	250	610	560	1100

TABLE 2 CONTINUED: Braya Renewable Fuels 2024 Outfall to Sea

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Mercury	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total 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	<0.013	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065
Total Nickel	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Nickel	UG/L	Maximum	5.2	3.2	4.6	3.2	4.7	3.9	3.8	3.7	3	4.5	3.3	5.8	5.8
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	5.2	3.2	4.05	3.2	4.7	3.55	3.8	3.7	2.9	4.5	3.3	5.1	5.2
Total Ammonia	MG/L	# of Samples	14	15	15	14	14	15	14	14	15	15	13	16	174
Total Ammonia	MG/L	Maximum	1.5	1.3	1.9	1.8	1.9	1.2	1.2	0.9	0.7	1	1.3	1.7	1.9
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0.79	0.55	0.89	0.69	0.50	0.75	0.67	0.57	0.47	0.67	0.92	1.07	1.07
Nitrate	MG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Nitrate	MG/L	Maximum	1.8	0.52	0.32	1.2	1.6	1.2	1.2	1	0.93	2.7	0.47	0.47	2.7
Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate	MG/L	Monthly Average	1.8	0.52	0.31	1.2	1.6	0.76	1.2	1	0.645	2.7	0.47	0.46	2.7
Orthophosphate	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	<0.010	0	0	<0.010	0	0	0.019	0	0	0.015	0.019
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0.005	0	0	0.005	0	0	0.019	0	0	0.015	0.019
Total Lead	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Lead	UG/L	Maximum	1.5	0.87	1.4	0.53	<0.50	3.7	<0.50	0.75	1.3	<0.50	0.67	1.4	3.7
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	1.5	0.87	1.3	0.53	0.25	2.21	0.25	0.75	0.775	0.25	0.67	1.13	2.21
pH	PH UNITS	# of Samples	32	30	33	31	32	32	32	32	32	32	31	33	382
pH	PH UNITS	Maximum	7.8	7.8	7.7	7.8	8.2	7.9	8	8.2	8.3	8.3	8.1	8	8.3
pH	PH UNITS	Minimum	7.1	6.8	7.1	6.1	7.1	7.2	6.3	7.5	7.77	7.7	7.8	7.5	6.1
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	14	15	15	14	14	15	14	14	15	15	13	16	174
Phenolics	MG/L	Maximum	0.02	0.02	0.03	0.02	0.02	0.05	0.02	0.02	0.02	0.02	0.03	0.03	0.05
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.019	0.019	0.018	0.019	0.018	0.019	0.019	0.019	0.017	0.019	0.019	0.018	0.019
Total Phosphates as P2O5	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	2	13
Total Phosphates as P2O5	MG/L	Maximum	0.14	0.075	0.062	0.13	0.23	0.3	0.51	0.25	0.12	0.43	0.2	2.2	2.2
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Phosphates as P2O5	MG/L	Monthly Average	0.14	0.075	0.062	0.13	0.23	0.3	0.51	0.25	0.12	0.43	0.2	1.22	1.22
Total Selenium	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Selenium	UG/L	Maximum	0.81	<0.50	<0.50	0.52	1.5	1.1	1.9	1.3	0.85	2.8	0.79	1.2	2.8
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0.81	0.25	0.25	0.52	1.50	0.68	1.90	1.30	0.55	2.80	0.79	1.07	2.80

TABLE 2 CONTINUED: Braya Renewable Fuels 2024 Outfall to Sea

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Sulphide	MG/L	# of Samples	14	15	15	14	14	15	14	14	15	15	13	16	174
Sulphide	MG/L	Maximum	0.04	0.07	0.03	0.03	0.08	0.05	0.04	0.03	0.03	0.06	0.04	0.07	0.08
Sulphide	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulphide	MG/L	Monthly Average	0.024	0.030	0.019	0.019	0.021	0.027	0.021	0.020	0.019	0.023	0.014	0.020	0.030
Calculated TDS	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Calculated TDS	MG/L	Maximum	0	0	480	0	0	280	0	0	420	0	0	190	480
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	480	0	0	280	0	0	420	0	0	190	480
TDS Measured	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TDS Measured	MG/L	Maximum	420	700	490	320	240	240	180	310	370	230	240	230	700
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	420	700	490	320	240	240	180	310	370	230	240	230	700
Total Oil and Grease	MG/L	# of Samples	13	14	13	13	13	13	13	13	13	14	12	14	158
Total Oil and Grease	MG/L	Maximum	3.4	1.8	2.9	3.2	9	4.3	4.4	4.9	3	2.2	2.3	3.7	9
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	1.29	0.99	1.37	1.56	2.49	1.55	1.74	2.2	1.41	1.24	1.43	2.04	2.49
TPH (Atlantic PIRI)	MG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
TPH (Atlantic PIRI)	MG/L	Maximum	0.35	0.44	0.32	<0.090	<0.090	0.39	0.11	0.48	0.24	<0.090	<0.090	0.72	0.72
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.35	0.44	0.26	0.05	0.05	0.30	0.11	0.48	0.14	0.05	0.05	0.56	0.56
Total Suspended Solids	MG/L	# of Samples	14	15	15	14	14	15	14	14	15	15	13	16	174
Total Suspended Solids	MG/L	Maximum	34	60	50	36	38	26	15	28	14	19	14	35	60
Total Suspended Solids	MG/L	Exceedance(>30)	2	2	2	2	1	0	0	0	0	0	0	1	10
Total Suspended Solids	MG/L	Monthly Average	13.57	15.27	17.67	14.43	10.36	12.33	6.10	7.64	6.05	7.73	9.00	9.43	17.67
Total Zinc	UG/L	# of Samples	1	1	2	1	1	2	1	1	2	1	1	2	16
Total Zinc	UG/L	Maximum	17	17	16	5.9	<5.0	21	<5.0	<5.0	<5.0	<5.0	9	14	21
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	17	17	14	5.9	2.5	14	2.5	2.5	2.5	2.5	9	13	17

TABLE 3: Canada Fluorspar Incorporated 2024 WQ STA 11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Silver	MG/L	Maximum	0	0	0	<0.00025	<0.0001	<0.00025	<0.0001	0	<0.00025	<0.0001	<0.0001	<0.00025	<0.00025
Total Silver	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	MG/L	Monthly Average	0	0	0	0.00009	0.00005	0.00007	0.00005	0	0.00009	0.00005	0.00005	0.00006	0.00009
Total Arsenic	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Arsenic	MG/L	Maximum	0	0	0	0.003	0.003	0.003	0.003	0	<0.002	0.003	0.003	0.005	0.005
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0.002	0.003	0.003	0.003	0	0.001	0.003	0.003	0.004	0.004
Total Barium	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Barium	MG/L	Maximum	0	0	0	0.089	0.093	0.088	0.083	0	0.032	0.082	0.077	0.104	0.104
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0	0	0	0.059	0.092	0.084	0.078	0	0.030	0.082	0.077	0.078	0.092
Total Boron	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Boron	MG/L	Maximum	0	0	0	0.026	0.017	0.02	0.024	0	0.02	0.019	0.023	0.058	0.058
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0	0	0	0.017	0.010	0.013	0.013	0	0.018	0.019	0.023	0.023	0.023
Total Cadmium	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Cadmium	MG/L	Maximum	0	0	0	0.00209	0.00239	0.00240	0.00225	0	0.00058	0.00219	0.00210	0.00281	0.00281
Total Cadmium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	MG/L	Monthly Average	0	0	0	0.00130	0.00232	0.00229	0.00210	0	0.00054	0.00219	0.00210	0.00220	0.00232
Total Chromium	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Chromium	MG/L	Maximum	0	0	0	<0.002	<0.001	<0.002	<0.001	0	<0.002	<0.001	<0.001	<0.003	<0.003
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0	0.00075	0.0005	0.0006	0.0005	0	0.0008	0.0005	0.0005	0.00075	0.0008
Total Copper	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Copper	MG/L	Maximum	0	0	0	0.002	0.002	0.007	0.002	0	0.006	0.003	0.002	0.006	0.007
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0.0015	0.0010	0.0023	0.0015	0	0.0050	0.0030	0.0020	0.0026	0.0050
Total Iron	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Iron	MG/L	Maximum	0	0	0	0.11	0.05	0.11	0.12	0	0.3	<0.05	0.07	0.06	0.3
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0	0	0	0.085	0.03	0.05	0.09	0	0.29	0.03	0.07	0.04	0.29
Total Mercury	UG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Total Mercury	UG/L	Maximum	0	0	0	<0.026	0	<0.026	0	0	<0.026	0	0	<0.026	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.013	0	0.013	0	0	0.013	0	0	0.013	0.013
Total Nickel	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Nickel	MG/L	Maximum	0	0	0	<0.002	<0.002	<0.002	<0.002	0	<0.002	<0.002	<0.002	<0.003	<0.003
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0.001	0.001	0.001	0.001	0	0.0010	0.0010	0.0010	0.0011	0.0011

TABLE 3 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Ammonia	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Ammonia	MG/L	Maximum	0	0	0	<0.03	<0.03	<0.03	<0.03	0	<0.03	<0.03	<0.03	<0.03	<0.03
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0.015	0.015	0.015	0.015	0	0.015	0.015	0.015	0.015	0.015
Total Nitrate	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	7	24
Total Nitrate	MG/L	Maximum	0	0	0	4.34	5.02	5.19	4.61	0	1.78	2.94	3.96	4.74	5.19
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0	0	0	3.29	4.61	4.55	4.30	0	1.77	2.94	3.96	3.76	4.61
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	0	<0.01	0	<0.01	0	0	<0.01	0	0	0.02	0.02
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.005	0	0.005	0	0	0.005	0	0	0.02	0.02
Total Lead	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Lead	MG/L	Maximum	0	0	0	0.0061	0.0065	0.0073	0.0077	0	0.0062	0.0048	0.0057	0.009	0.009
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0	0.0042	0.0062	0.0060	0.0073	0	0.0059	0.0048	0.0057	0.0055	0.0073
pH	PH UNITS	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
pH	PH UNITS	Maximum	0	0	0	7.51	7.5	7.56	7.67	0	7.46	7.94	7.83	7.91	7.94
pH	PH UNITS	Minimum	0	0	0	6.53	6.61	6.54	7.33	0	7.46	7.94	7.83	7.63	6.53
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Phenolics	MG/L	Maximum	0	0	0	<0.001	0	<0.001	0	0	<0.001	0	0	0.002	0.002
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0005	0	0.0005	0	0	0.0005	0	0	0.002	0.002
Radium-226	BQ/L	# of Samples	0	0	0	0	1	1	1	0	1	0	1	1	6
Radium-226	BQ/L	Maximum	0	0	0	0	0.02	0.007	0.007	0	0.005	0	0.01	0.009	0.02
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0	0.02	0.007	0.007	0	0.005	0	0.01	0.009	0.02
Total Selenium	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Selenium	MG/L	Maximum	0	0	0	<0.001	<0.001	0.001	<0.001	0	<0.001	<0.001	<0.001	<0.002	<0.002
Total Selenium	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	MG/L	Monthly Average	0	0	0	0.0005	0.0005	0.0006	0.0005	0	0.0005	0.0005	0.0005	0.0008	0.0008
Sulphide	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Sulphide	MG/L	Maximum	0	0	0	<0.05	0	<0.05	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	0.025	0	0.025	0	0	0.025	0	0	0.025	0.025
Calculated TDS	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Calculated TDS	MG/L	Maximum	0	0	0	191	0	179	0	0	167	0	0	177	191
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	191	0	179	0	0	167	0	0	177	191

TABLE 3 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TDS Measured	MG/L	# of Samples	0	0	0	1	3	4	3	0	1	1	1	5	19
TDS Measured	MG/L	Maximum	0	0	0	182	184	228	198	0	220	374	190	232	374
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	0	0	0	182	163	186	187	0	220	374	190	190	374
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	0	1	1	1	0	1	0	1	1	6
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0	<0.1	<0.1	<0.1	0	<0.1	0	<0.1	<0.1	<0.1
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0	0.05	0.05	0.05	0	0.05	0	0.05	0.05	0.05
TSS	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
TSS	MG/L	Maximum	0	0	0	<5	<5	<5	<5	0	<5	<5	<5	14	14
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	2.5	2.5	2.5	2.5	0	2.5	2.5	2.5	4.4	4.4
Total Zinc	MG/L	# of Samples	0	0	0	2	3	5	3	0	2	1	1	6	23
Total Zinc	MG/L	Maximum	0	0	0	0.082	0.103	0.105	0.100	0	0.078	0.083	0.086	0.125	0.125
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0.072	0.096	0.102	0.094	0	0.071	0.083	0.086	0.101	0.102

TABLE 4: Canada Fluorspar Incorporated 2024 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Silver	MG/L	Maximum	<0.0001	<0.0001	<0.0001	<0.00025	<0.0001	<0.00025	<0.0001	<0.001	<0.00025	0.0002	<0.0001	0.0004	<0.001
Total Silver	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	MG/L	Monthly Average	0.00005	0.00005	0.00005	0.00007	0.00005	0.00007	0.00005	0.00016	0.00007	0.00008	0.00005	0.00012	0.00016
Total Arsenic	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Arsenic	MG/L	Maximum	0.008	0.002	<0.002	<0.002	0.002	<0.002	0.002	0.002	<0.002	0.009	0.008	0.004	0.009
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0038	0.0015	0.0010	0.0010	0.0012	0.0010	0.0012	0.0013	0.0010	0.0030	0.0033	0.0029	0.0038
Total Barium	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Barium	MG/L	Maximum	0.045	0.042	0.038	0.035	0.041	0.044	0.042	0.04	0.041	0.067	0.045	0.057	0.067
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0.043	0.039	0.036	0.035	0.038	0.039	0.038	0.036	0.038	0.045	0.041	0.049	0.049
Total Boron	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Boron	MG/L	Maximum	0.052	0.013	0.015	0.022	0.012	0.015	0.019	0.014	0.016	0.019	0.026	0.17	0.17
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0.030	0.008	0.010	0.014	0.007	0.010	0.009	0.009	0.009	0.012	0.017	0.038	0.038
Total Cadmium	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Cadmium	MG/L	Maximum	0.00053	0.0006	0.00049	0.00043	0.00069	0.0005	0.0007	<0.001	0.00026	0.00089	0.00058	0.00101	0.00101
Total Cadmium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	MG/L	Monthly Average	0.00051	0.00053	0.00044	0.00040	0.00047	0.00044	0.00047	0.00029	0.00022	0.00051	0.00046	0.00063	0.00063

TABLE 4 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Chromium	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Chromium	MG/L	Maximum	<0.001	<0.001	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.002	<0.001	<0.001	0.002	0.002
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0006	0.0005	0.0006	0.0005	0.0005	0.0006	0.0005	0.0005	0.0011	0.0011
Total Copper	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Copper	MG/L	Maximum	0.005	0.004	0.003	0.006	0.003	0.005	0.005	0.007	0.006	0.035	0.005	0.009	0.035
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0040	0.0035	0.0018	0.0036	0.0024	0.0033	0.0022	0.0041	0.0046	0.0106	0.0040	0.0054	0.0106
Total Iron	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Iron	MG/L	Maximum	1.85	0.36	0.19	0.21	0.38	0.24	0.16	0.247	0.23	0.44	0.23	0.58	1.85
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.70	0.30	0.17	0.17	0.21	0.18	0.14	0.21	0.21	0.25	0.20	0.25	0.70
Total Mercury	UG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Total Mercury	UG/L	Maximum	0	0	0	<0.026	0	<0.026	0	0	<0.026	0	0	<0.026	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.013	0	0.013	0	0	0.013	0	0	0.013	0.013
Total Nickel	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Nickel	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.012	<0.002	<0.002	<0.003	0.012
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0032	0.0010	0.0010	0.0011	0.0032
Total Ammonia	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Ammonia	MG/L	Maximum	<0.03	<0.03	<0.03	<0.03	0.33	<0.03	<0.03	<0.03	<0.03	<0.03	0.19	<0.03	0.33
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0.015	0.015	0.015	0.015	0.127	0.015	0.015	0.015	0.015	0.015	0.059	0.015	0.127
Total Nitrate	MG/L	# of Samples	4	2	3	6	5	5	5	4	5	5	4	7	55
Total Nitrate	MG/L	Maximum	0.53	0.61	0.46	0.46	0.42	0.44	0.43	0.19	0.36	0.37	1.29	0.54	1.29
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0.44	0.49	0.42	0.41	0.32	0.35	0.33	0.18	0.26	0.15	0.61	0.37	0.61
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	0	<0.01	0	<0.01	0	0	<0.01	0	0	0.01	0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.005	0	0.005	0	0	0.005	0	0	0.01	0.01
Total Lead	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Lead	MG/L	Maximum	0.0114	0.0105	0.0061	0.0079	0.0259	0.0122	0.0076	0.0110	0.0115	0.1240	0.0112	0.0311	0.1240
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0098	0.0090	0.0060	0.0064	0.0102	0.0076	0.0053	0.0082	0.0092	0.0317	0.0094	0.0133	0.0317
pH	PH UNITS	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
pH	PH UNITS	Maximum	7.37	7.47	7.41	7.5	7.22	7.73	8.02	8.05	8.07	7.84	8.05	7.8	8.07
pH	PH UNITS	Minimum	6.72	6.85	6.77	6.72	6.8	6.67	6.72	8	7.77	7.41	7.45	7.41	6.67
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 23

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Phenolics	MG/L	# of Samples	0	0	0	1	0	2	0	0	1	0	0	1	5
Phenolics	MG/L	Maximum	0	0	0	<0.001	0	<0.004	0	0	<0.001	0	0	0.002	0.002
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0005	0	0.0013	0	0	0.0005	0	0	0.0020	0.0020
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Radium-226	BQ/L	Maximum	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	0.01	0.008	0.01	0.006	0.01
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0100	0.0025	0.0100	0.0080	0.0100	0.0060	0.0100
Total Selenium	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Selenium	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.004	0.004
Total Selenium	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0008	0.0005	0.0011	0.0011
Sulphide	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Sulphide	MG/L	Maximum	0	0	0	<0.05	0	<0.05	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	0.025	0	0.025	0	0	0.025	0	0	0.025	0.025
Calculated TDS	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Calculated TDS	MG/L	Maximum	0	0	0	146	0	136	0	0	154	0	0	173	173
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	146	0	136	0	0	154	0	0	173	173
TDS Measured	MG/L	# of Samples	4	2	3	4	5	4	5	4	4	5	4	5	49
TDS Measured	MG/L	Maximum	216	170	156	156	176	166	158	190	376	184	196	222	376
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	188	144	140	150	160	149	147	163	216	173	164	175	216
TPH (Atlantic PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TPH (Atlantic PIRI)	MG/L	Maximum	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	0.2
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.20	0.05	0.05	0.05	0.05	0.20
TSS	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
TSS	MG/L	Maximum	<5	<5	<5	6	<5	<5	<5	6	<5	<5	9	<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	3.2	2.5	2.5	2.5	3.4	2.5	2.5	4.1	2.5	4.1
Total Zinc	MG/L	# of Samples	4	2	3	5	5	5	5	4	5	5	4	6	53
Total Zinc	MG/L	Maximum	0.084	0.088	0.08	0.063	0.094	0.073	0.069	0.037	0.044	0.113	0.072	0.148	0.148
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.077	0.075	0.071	0.059	0.060	0.058	0.050	0.032	0.038	0.064	0.062	0.082	0.082

TABLE 5: Canada Fluorspar Incorporated 2024 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Silver	MG/L	Maximum	0	0	<0.0001	<0.00025	<0.0001	<0.00025	<0.0001	<0.001	<0.00025	0.0002	0.0002	0.0003	<0.001
Total Silver	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	MG/L	Monthly Average	0	0	0.00005	0.00007	0.00005	0.00007	0.00005	0.00016	0.00007	0.00011	0.00010	0.00012	0.00016
Total Arsenic	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Arsenic	MG/L	Maximum	0	0	<0.002	<0.002	0.003	0.003	0.003	0.003	0.004	0.008	0.015	0.017	0.017
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0.001	0.001	0.002	0.002	0.003	0.003	0.003	0.006	0.009	0.012	0.012
Total Barium	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Barium	MG/L	Maximum	0	0	0.047	0.050	0.070	0.070	0.073	0.080	0.081	0.091	0.086	0.067	0.091
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0	0	0.047	0.047	0.058	0.059	0.061	0.069	0.073	0.068	0.081	0.047	0.081
Total Boron	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Boron	MG/L	Maximum	0	0	0.009	0.023	0.011	0.016	0.02	0.011	0.018	0.026	0.028	0.026	0.028
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0	0	0.006	0.013	0.006	0.009	0.008	0.006	0.009	0.015	0.022	0.018	0.022
Total Cadmium	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Cadmium	MG/L	Maximum	0	0	0.0003	0.0004	0.0048	0.0037	0.0044	0.0027	0.0009	0.0012	0.0013	0.0007	0.0048
Total Cadmium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	MG/L	Monthly Average	0	0	0.0002	0.0004	0.0031	0.0023	0.0037	0.0020	0.0008	0.0007	0.0010	0.0004	0.0037
Total Chromium	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Chromium	MG/L	Maximum	0	0	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	0.002	0.001	0.002	<0.005	<0.005
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0.0005	0.0006	0.0005	0.0006	0.0005	0.0005	0.0011	0.0006	0.0009	0.0015	0.0015
Total Copper	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Copper	MG/L	Maximum	0	0	0.001	0.009	0.005	0.019	0.006	0.008	0.014	0.036	0.046	0.067	0.067
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0.0008	0.0046	0.0026	0.0092	0.0036	0.0041	0.0100	0.0214	0.0288	0.0314	0.0314
Total Iron	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Iron	MG/L	Maximum	0	0	0.12	0.29	0.40	0.83	0.75	0.74	1.44	0.69	1.16	0.66	1.44
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0	0	0.120	0.244	0.224	0.344	0.428	0.449	0.750	0.354	0.550	0.568	0.750
Total Mercury	UG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Total Mercury	UG/L	Maximum	0	0	0	<0.026	0	<0.026	0	0	<0.026	0	0	0.042	0.042
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.013	0	0.013	0	0	0.013	0	0	0.042	0.042
Total Nickel	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Nickel	MG/L	Maximum	0	0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.003	0.003
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.002

TABLE 5 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Ammonia	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Ammonia	MG/L	Maximum	0	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Total Nitrate	MG/L	# of Samples	0	0	2	6	5	5	4	4	5	5	4	5	45
Total Nitrate	MG/L	Maximum	0	0	0.66	0.69	0.60	0.90	0.26	0.36	0.42	0.13	0.33	0.23	0.90
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0	0	0.66	0.51	0.27	0.46	0.19	0.25	0.28	0.07	0.18	0.07	0.66
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	0	<0.01	0	<0.01	0	0	<0.01	0	0	<0.01	<0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.005	0	0.005	0	0	0.005	0	0	0.005	0.005
Total Lead	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Lead	MG/L	Maximum	0	0	0.0065	0.0188	0.0625	0.1290	0.0987	0.0886	0.1060	0.1400	0.2180	0.1770	0.2180
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	1	0	1
Total Lead	MG/L	Monthly Average	0	0	0.0059	0.0157	0.0411	0.0567	0.0768	0.0585	0.0661	0.0755	0.1189	0.0999	0.1189
pH	PH UNITS	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
pH	PH UNITS	Maximum	0	0	7.53	7.55	7.39	7.51	7.64	8.01	8.07	8.18	8.25	8.89	8.89
pH	PH UNITS	Minimum	0	0	7.18	6.80	7.01	6.52	6.99	7.88	7.95	8.03	7.85	8.12	6.52
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	1	0	2	0	0	1	0	0	1	5
Phenolics	MG/L	Maximum	0	0	0	<0.001	0	<0.004	0	0	<0.001	0	0	0.002	0.002
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0005	0	0.00125	0	0	0.0005	0	0	0.0020	0.0020
Radium-226	BQ/L	# of Samples	0	0	1	1	1	1	1	1	1	1	1	1	10
Radium-226	BQ/L	Maximum	0	0	0.006	<0.005	0.008	0.007	0.02	<0.005	0.009	0.006	0.01	<0.005	0.02
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0.006	0.0025	0.008	0.007	0.02	0.0025	0.0090	0.0060	0.0100	0.0025	0.0200
Total Selenium	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Selenium	MG/L	Maximum	0	0	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.008	0.008
Total Selenium	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	MG/L	Monthly Average	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0020	0.0020
Sulphide	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Sulphide	MG/L	Maximum	0	0	0	<0.05	0	<0.05	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	0.025	0	0.025	0	0	0.025	0	0	0.025	0.025
Calculated TDS	MG/L	# of Samples	0	0	0	1	0	1	0	0	1	0	0	1	4
Calculated TDS	MG/L	Maximum	0	0	0	115	0	159	0	0	167	0	0	210	210
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	115	0	159	0	0	167	0	0	210	210

TABLE 5 CONTINUED: Canada Fluorspar Incorporated 2024 WQ STA 24

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TDS Measured	MG/L	# of Samples	0	0	2	4	5	4	4	4	4	5	4	4	40
TDS Measured	MG/L	Maximum	0	0	136	148	188	156	180	198	206	282	300	380	380
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	0	0	125	129	155	146	167	174	187	236	254	296	296
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	1	1	1	1	1	1	1	1	1	1	10
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.2
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0.00	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.20	0.05	0.05	0.20
TSS	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
TSS	MG/L	Maximum	0	0	<5	10	6	8	9	20	<5	16	23	22	23
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	2.5	4.0	3.2	5.0	7.3	10.9	2.5	10.0	11.1	9.0	11.1
Total Zinc	MG/L	# of Samples	0	0	2	5	5	5	4	4	5	5	4	5	44
Total Zinc	MG/L	Maximum	0	0	0.027	0.056	0.528	0.371	0.399	0.195	0.173	0.169	0.217	0.144	0.528
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Zinc	MG/L	Monthly Average	0	0	0.026	0.043	0.339	0.254	0.320	0.147	0.110	0.090	0.128	0.106	0.339

TABLE 6: Canada Fluorspar Incorporated 2024 WQ STA 25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Silver	MG/L	Maximum	<0.0001	<0.0001	<0.0001	<0.00025	<0.0001	<0.00025	<0.0001	0	0	<0.00025	0	0	<0.00025
Total Silver	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	MG/L	Monthly Average	0.00005	0.00005	0.00005	0.00007	0.00005	0.00008	0.00005	0	0	0.00008	0	0	0.00008
Total Arsenic	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Arsenic	MG/L	Maximum	0.015	0.015	0.014	0.013	0.012	0.020	0.016	0	0	0.016	0	0	0.020
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0135	0.0140	0.0127	0.0125	0.0120	0.0150	0.0138	0	0	0.0150	0	0	0.0150
Total Barium	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Barium	MG/L	Maximum	0.086	0.084	0.067	0.068	0.066	0.075	0.077	0	0	0.078	0	0	0.086
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0.084	0.082	0.065	0.064	0.066	0.073	0.071	0	0	0.076	0	0	0.084
Total Boron	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Boron	MG/L	Maximum	0.052	0.019	0.015	0.053	0.020	0.014	0.020	0	0	0.020	0	0	0.053
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0.029	0.011	0.011	0.022	0.020	0.011	0.011	0	0	0.016	0	0	0.029
Total Cadmium	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Cadmium	MG/L	Maximum	0.00099	0.00056	0.00065	0.00066	0.00055	0.00069	0.00079	0	0	0.00040	0	0	0.00099
Total Cadmium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	MG/L	Monthly Average	0.00078	0.00055	0.00061	0.00061	0.00055	0.00058	0.00067	0	0	0.00039	0	0	0.00078

TABLE 6 CONTINUED : Canada Fluorspar Incorporated 2024 WQ STA 25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Chromium	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Chromium	MG/L	Maximum	<0.001	0.002	<0.001	<0.002	<0.001	<0.002	<0.001	0	0	<0.002	0	0	0.002
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0.0005	0.0015	0.0005	0.0006	0.0005	0.0007	0.0005	0	0	0.0007	0	0	0.0015
Total Copper	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Copper	MG/L	Maximum	0.006	0.004	0.003	0.008	0.004	0.008	0.010	0	0	0.005	0	0	0.010
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0040	0.0025	0.0018	0.0048	0.0040	0.0050	0.0049	0	0	0.0037	0	0	0.0050
Total Iron	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Iron	MG/L	Maximum	0.37	0.15	0.11	0.74	0.11	0.50	0.49	0	0	0.16	0	0	0.74
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.26	0.11	0.09	0.30	0.11	0.33	0.29	0	0	0.15	0	0	0.33
Total Mercury	UG/L	# of Samples	0	0	0	1	0	1	0	0	0	1	0	0	3
Total Mercury	UG/L	Maximum	0	0	0	<0.026	0	<0.026	0	0	0	<0.026	0	0	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.013	0	0.013	0	0	0	0.013	0	0	0.013
Total Nickel	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Nickel	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0	0	<0.002	0	0	<0.002
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0	0	0.001	0	0	0.001
Total Ammonia	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Ammonia	MG/L	Maximum	<0.03	0.05	<0.03	<0.03	0.11	<0.03	<0.03	0	0	<0.03	0	0	0.11
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0.015	0.033	0.015	0.015	0.110	0.015	0.015	0	0	0.015	0	0	0.110
Total Nitrate	MG/L	# of Samples	4	2	3	5	1	3	5	0	0	3	0	0	26
Total Nitrate	MG/L	Maximum	2.09	1.08	0.83	0.62	0.55	0.56	0.75	0	0	0.41	0	0	2.09
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	1.74	0.82	0.66	0.56	0.55	0.54	0.65	0	0	0.39	0	0	1.74
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	1	0	0	0	1	0	0	3
Orthophosphate	MG/L	Maximum	0	0	0	<0.01	0	<0.01	0	0	0	<0.01	0	0	<0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.005	0	0.005	0	0	0	0.005	0	0	0.005
Total Lead	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Lead	MG/L	Maximum	0.0196	0.0193	0.0079	0.0345	0.0097	0.0256	0.0246	0	0	0.0116	0	0	0.0345
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0138	0.0120	0.0068	0.0151	0.0097	0.0184	0.0172	0	0	0.0106	0	0	0.0184
pH	PH UNITS	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
pH	PH UNITS	Maximum	6.97	7.39	7.50	7.45	6.74	7.62	7.84	0	0	8.05	0	0	8.05
pH	PH UNITS	Minimum	6.58	7.28	6.93	6.82	6.74	6.70	6.83	0	0	7.82	0	0	6.58
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6 CONTINUED : Canada Fluorspar Incorporated 2024 WQ STA 25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Phenolics	MG/L	# of Samples	0	0	0	1	0	2	0	0	0	1	0	0	4
Phenolics	MG/L	Maximum	0	0	0	<0.001	0	<0.004	0	0	0	<0.001	0	0	<0.004
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0005	0	0.0013	0	0	0	0.0005	0	0	0.0013
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	0	0	1	0	0	8
Radium-226	BQ/L	Maximum	0.020	0.007	<0.005	0.009	0.020	0.006	0.020	0	0	0.008	0	0	0.020
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.020	0.007	0.003	0.009	0.020	0.006	0.020	0	0	0.008	0	0	0.020
Total Selenium	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Selenium	MG/L	Maximum	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	0.001	0	0	<0.001	0	0	0.001
Total Selenium	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0010	0.0005	0.0006	0	0	0.0005	0	0	0.0010
Sulphide	MG/L	# of Samples	0	0	0	1	0	1	0	0	0	1	0	0	3
Sulphide	MG/L	Maximum	0	0	0	<0.05	0	<0.05	0	0	0	<0.05	0	0	<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	0.025	0	0.025	0	0	0	0.025	0	0	0.025
Calculated TDS	MG/L	# of Samples	0	0	0	1	0	1	0	0	0	1	0	0	3
Calculated TDS	MG/L	Maximum	0	0	0	128	0	136	0	0	0	149	0	0	149
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	128	0	136	0	0	0	149	0	0	149
TDS Measured	MG/L	# of Samples	4	2	3	3	1	2	5	0	0	2	0	0	22
TDS Measured	MG/L	Maximum	186	190	150	144	134	146	140	0	0	148	0	0	190
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	168	183	133	134	134	131	131	0	0	145	0	0	183
TPH (Atlantic PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	0	0	1	0	0	8
TPH (Atlantic PIRI)	MG/L	Maximum	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0	0	<0.1	0	0	<0.1
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0	0	0.05	0	0	0.05
TSS	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
TSS	MG/L	Maximum	10	5	<5	9	<5	<5	8	0	0	<5	0	0	10
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	5.3	3.8	2.5	4.1	2.5	2.5	4.1	0	0	2.5	0	0	5.3
Total Zinc	MG/L	# of Samples	4	2	3	4	1	3	5	0	0	3	0	0	25
Total Zinc	MG/L	Maximum	0.087	0.065	0.056	0.088	0.045	0.097	0.098	0	0	0.037	0	0	0.098
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.075	0.057	0.055	0.064	0.045	0.065	0.073	0	0	0.033	0	0	0.075

TABLE 7: Carino 2024 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	2	2	0	1	1	1	0	2	0	2	1	1	13
Total Silver	UG/L	Maximum	<1.0	<1.0	0	<1.0	<0.10	<1.0	0	<1.0	0	<1.0	<0.10	<0.10	<1.0
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0.28	0.50	0	0.50	0.05	0.50	0	0.50	0	0.28	0.05	0.05	0.50
Total Arsenic	UG/L	# of Samples	2	2	0	1	1	1	0	2	0	2	1	1	13
Total Arsenic	UG/L	Maximum	16	<10	0	<10	5.4	<10	0	<10	0	<10	<1.0	<1.0	16
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	13.5	5.0	0	5.0	5.4	5.0	0	5.0	0	2.8	0.5	0.5	13.5
Total Barium	UG/L	# of Samples	2	2	0	1	1	1	0	2	0	2	1	1	13
Total Barium	UG/L	Maximum	7.3	<10	0	<10	3.5	<10	0	<10	0	<10	4.3	2.8	7.3
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	6.2	5.0	0	5.0	3.5	5.0	0	5.0	0	2.8	4.3	2.8	6.2
Total Boron	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Boron	UG/L	Maximum	<500	<500	<500	<500	<500	<500	0	<500	<500	<500	<500	<500	<500
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	172	250	175	175	175	250	0	250	175	115	194	100	250
BOD	MG/L	# of Samples	4	4	3	2	5	4	0	2	3	3	3	2	35
BOD	MG/L	Maximum	6300	4800	5800	570	<2600	22000	0	8100	<4400	<4500	<3900	<3300	22000
BOD	MG/L	Exceedance(>20)	4	4	3	2	5	4	0	2	3	3	3	2	35
BOD	MG/L	Monthly Average	4025	3275	2997	340	793	6925	0	4925	1933	1550	1683	1550	6925
Cyanide (SAD)	MG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Cyanide (SAD)	MG/L	Maximum	<0.0050	<0.0050	0	<0.0050	<0.0050	<0.0050	0	<0.0050	0	<0.0050	<0.0050	<0.0050	<0.0050
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0025	0	0.0025	0.0025	0.0025	0	0.0025	0	0.0025	0.0025	0.0025	0.0025
Total Cadmium	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Cadmium	UG/L	Maximum	<0.10	<0.10	<0.10	<0.10	0.075	0.21	0	0.1	0.083	<0.10	<0.10	<0.10	0.21
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.03	0.05	0.04	0.04	0.05	0.12	0	0.07	0.06	0.02	0.04	0.02	0.12
Total Chromium	UG/L	# of Samples	6	5	3	3	6	5	0	3	3	5	4	3	46
Total Chromium	UG/L	Maximum	<10	<10	11	<10	110	21	0	42	49	480	200	18	480
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	3.4	5.0	5.7	3.5	65.3	17.6	0	33.3	37.0	210.0	66.0	15.3	210.0
Total Hexavalent Chromium	MG/L	# of Samples	5	4	3	2	5	5	0	3	3	5	4	3	28
Total Hexavalent Chromium	MG/L	Maximum	<0.0005	0.0018	<0.0025	0.0011	<0.0020	<0.0099	0	<0.0050	<0.0050	<0.0099	<0.0050	<0.00099	<0.0099
Total Hexavalent Chromium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hexavalent Chromium	MG/L	Monthly Average	0.00025	0.00064	0.00167	0.00068	0.00060	0.00179	0	0.00250	0.00183	0.00299	0.00150	0.00050	0.00299
Total Copper	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Copper	UG/L	Maximum	6.1	7.1	12	1500	12	13	0	11	12	18	40	2.7	1500
Total Copper	UG/L	Exceedance(>300)	0	0	0	2	0	0	0	0	0	0	0	0	2
Total Copper	UG/L	Monthly Average	3.53	4.02	8.90	1002.30	5.70	7.08	0	9.47	7.83	13.40	24.25	2.57	1002.30

TABLE 7 CONTINUED: Carino 2024 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Iron	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Iron	UG/L	Maximum	39000	32000	60000	2700	8000	7200	0	5100	5600	12000	23000	2100	60000
Total Iron	UG/L	Exceedance(>10000)	4	3	2	0	0	0	0	0	0	1	2	0	12
Total Iron	UG/L	Monthly Average	17517	14523	25467	2333	5750	4640	0	4533	3733	7060	11625	1700	25467
Total Mercury	UG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Total Mercury	UG/L	Maximum	<0.013	0.022	0	0.048	0.02	0.018	0	0.09	0	0.078	<0.013	<0.013	0.09
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.007	0.020	0	0.048	0.020	0.018	0	0.090	0	0.042	0.007	0.007	0.090
Total Nickel	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Nickel	UG/L	Maximum	340	140	100	67	110	68	0	63	53	26	69	<20	340
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	202	53	67	46	54	49	0	57	39	17	47	8	202
Total Ammonia	MG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Ammonia	MG/L	Maximum	1500	880	860	19	16	6.6	0	4.4	8.5	34	24	4	1500
Total Ammonia	MG/L	Exceedance(>2)	6	6	3	3	6	4	0	3	3	5	2	3	44
Total Ammonia	MG/L	Monthly Average	823.3	490.0	436.7	14.8	8.3	4.7	0	4.2	5.8	20.5	8.1	3.4	823.3
Nitrate	MG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Nitrate	MG/L	Maximum	0.49	0.1	0	<0.050	<0.050	<0.050	0	0.06	0	<0.050	<0.050	<0.050	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	0.490	0.063	0	0.025	0.025	0.025	0	0.060	0	0.025	0.025	0.025	0.490
Orthophosphate	MG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Orthophosphate	MG/L	Maximum	0.19	0.048	0	0.039	<0.010	<0.010	0	0.015	0	0.016	<0.010	<0.010	0.19
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.190	0.034	0	0.039	0.005	0.005	0	0.015	0	0.015	0.005	0.005	0.190
Total Lead	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Lead	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	110	7.7	0	<5.0	8.80	<5.0	<5.0	<5.0	110.00
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	1.7	2.5	2.3	1.8	21.8	3.5	0	2.5	4.6	1.3	2.1	1.0	21.8
pH	PH UNITS	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
pH	PH UNITS	Maximum	7.68	8.93	8.03	9.67	7.64	7.88	0	9.13	8.04	8.63	9.58	8.81	9.67
pH	PH UNITS	Minimum	6.11	6.48	7.47	6.91	6.92	6.48	0	8.61	6.73	7.82	7.21	7.08	6.11
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	2	0	0	0	1	0	0	2	0	5
Phenolics	MG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Phenolics	MG/L	Maximum	23.00	1.20	10.00	0.04	6.70	5.20	0	11.00	4.90	5.90	4.70	0.40	23.00
Phenolics	MG/L	Exceedance(>0.1)	6	6	3	0	6	5	0	3	3	5	4	3	44
Phenolics	MG/L	Monthly Average	8.26	0.56	3.80	0.03	4.32	4.12	0	8.37	4.03	4.32	3.10	0.37	8.37
Total Selenium	UG/L	# of Samples	2	2	0	1	1	1	0	2	0	2	1	1	13
Total Selenium	UG/L	Maximum	41	8.5	0	6.2	0.98	<5.0	0	<5.0	0	<5.0	2.2	<0.50	41
Total Selenium	UG/L	Exceedance(>10)	2	0	0	0	0	0	0	0	0	0	0	0	2
Total Selenium	UG/L	Monthly Average	31.00	5.50	0	6.20	0.98	2.50	0	2.50	0	2.15	2.20	0.25	31.00

TABLE 7 CONTINUED: Carino 2024 Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Sulphide	MG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Sulphide	MG/L	Maximum	0.32	0.37	0	<0.020	0.051	0.046	0	0.068	0	0.31	<0.020	0.038	0.37
Sulphide	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulphide	MG/L	Monthly Average	0.32	0.295	0	0.01	0.051	0.046	0	0.068	0	0.16	0.01	0.038	0.32
Calculated TDS	MG/L	# of Samples	1	2	0	1	1	1	0	1	0	2	1	1	11
Calculated TDS	MG/L	Maximum	13000	6300	0	3500	4500	5100	0	7600	0	6100	5200	2000	13000
Calculated TDS	MG/L	Exceedance(>1000)	1	2	0	1	1	1	0	1	0	2	1	1	11
Calculated TDS	MG/L	Monthly Average	13000	5650	0	3500	4500	5100	0	7600	0	5350	5200	2000	13000
Total Oil and Grease	MG/L	# of Samples	5	4	3	2	5	4	0	2	3	3	3	2	36
Total Oil and Grease	MG/L	Maximum	13	12	41	2.8	92	31	0	67	35	27	51	5.8	92
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	2	0	4	4	0	2	3	2	3	0	20
Total Oil and Grease	MG/L	Monthly Average	9.4	5.5	21.9	2.1	36.8	24.5	0	59.0	25.0	20.0	37.0	5.5	59.0
TSS	MG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
TSS	MG/L	Maximum	470	63	210	23	47	37	0	44	23	92	160	12	470
TSS	MG/L	Exceedance(>30)	6	5	2	0	2	1	0	3	0	3	2	0	24
TSS	MG/L	Monthly Average	156	44	84	19	24	21	0	39	20	46	61	8	156
Total Zinc	UG/L	# of Samples	6	6	3	3	6	5	0	3	3	5	4	3	47
Total Zinc	UG/L	Maximum	88	78	110	<50	150	96	0	73	120	160	330	<50	330
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	37	46	75	17.5	84	60	0	54	82	85	195	13	195

TABLE 8: CEMEX 2024 DL Quarry 1 (Goose Pond)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Silver	UG/L	Maximum	0	0	0	0	<0.10	0	<0.10	<0.10	0	0	0	0	<0.10
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0.05	0	0.05	0.05	0	0	0	0	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Arsenic	UG/L	Maximum	0	0	0	0	<1.0	0	<1.0	2.3	0	0	0	0	2.3
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0.5	0	0.5	2.3	0	0	0	0	2.3
Total Barium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Barium	UG/L	Maximum	0	0	0	0	250	0	220	530	0	0	0	0	530
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	250	0	220	530	0	0	0	0	530
Total Boron	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Boron	UG/L	Maximum	0	0	0	0	<50	0	<50	<50	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	25	0	25	25	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Cadmium	UG/L	Maximum	0	0	0	0	0.011	0	<0.010	0.015	0	0	0	0	0.015
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0.011	0	0.005	0.015	0	0	0	0	0.015
Total Chromium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Chromium	UG/L	Maximum	0	0	0	0	<1.0	0	<1.0	<1.0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Copper	UG/L	Maximum	0	0	0	0	1.4	0	1.2	1	0	0	0	0	1.4
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	1.4	0	1.2	1	0	0	0	0	1.4
Total Iron	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Iron	UG/L	Maximum	0	0	0	0	1100	0	320	2200	0	0	0	0	2200
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	1100	0	320	2200	0	0	0	0	2200
Total Nickel	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Nickel	UG/L	Maximum	0	0	0	0	<2.0	0	<2.0	2.1	0	0	0	0	2.1
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	1	0	1	2.1	0	0	0	0	2.1
Total Ammonia	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Ammonia	MG/L	Maximum	0	0	0	0	0.096	0	<0.050	0.17	0	0	0	0	0.17
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0.096	0	0.025	0.17	0	0	0	0	0.17

TABLE 8 CONTINUED: CEMEX 2024 DL Quarry 1 (Goose Pond)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Nitrate, filtered, reactive	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Nitrate, filtered, reactive	MG/L	Maximum	0	0	0	0	1.5	0	0.58	0.058	0	0	0	0	1.5
Nitrate, filtered, reactive	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate, filtered, reactive	MG/L	Monthly Average	0	0	0	0	1.5	0	0.58	0.058	0	0	0	0	1.5
Orthophosphate	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Orthophosphate	MG/L	Maximum	0	0	0	0	<0.010	0	<0.010	<0.010	0	0	0	0	<0.010
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0.005	0	0.005	0.005	0	0	0	0	0.005
Total Lead	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Lead	UG/L	Maximum	0	0	0	0	6.2	0	4.1	5.3	0	0	0	0	6.2
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	6.2	0	4.1	5.3	0	0	0	0	6.2
pH	PH UNITS	# of Samples	0	0	0	0	2	1	1	1	1	0	0	0	6
pH	PH UNITS	Maximum	0	0	0	0	8.15	8.25	8.25	7.97	7.86	0	0	0	8.25
pH	PH UNITS	Minimum	0	0	0	0	7.91	8.25	8.25	7.97	7.86	0	0	0	7.86
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Phenolics	MG/L	Maximum	0	0	0	0	<0.0010	0	<0.0010	<0.0010	0	0	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0.0005	0	0.0005	0.0005	0	0	0	0	0.0005
Total Selenium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Selenium	UG/L	Maximum	0	0	0	0	<0.50	0	<0.50	<0.50	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0.25	0	0.25	0.25	0	0	0	0	0.25
Sulphide	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Sulphide	MG/L	Maximum	0	0	0	0	<0.0018	0	<0.0018	0.0033	0	0	0	0	0.0033
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	0.0009	0	0.0009	0.0033	0	0	0	0	0.0033
Calculated TDS	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Calculated TDS	MG/L	Maximum	0	0	0	0	190	0	190	230	0	0	0	0	230
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	190	0	190	230	0	0	0	0	230
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0	<0.090	0	<0.090	<0.090	0	0	0	0	<0.090
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0	0.045	0	0.045	0.045	0	0	0	0	0.045
Total Suspended Solids	MG/L	# of Samples	0	0	0	0	2	1	1	1	1	0	0	0	6
Total Suspended Solids	MG/L	Maximum	0	0	0	0	6	4	10	12	<1.0	0	0	0	12
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	0	0	5.6	4	10	12	0.5	0	0	0	12
Total Zinc	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Zinc	UG/L	Maximum	0	0	0	0	11	0	<5.0	15	0	0	0	0	15
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	11	0	2.5	15	0	0	0	0	15

TABLE 9: CEMEX 2024 DL Quarry 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Silver	UG/L	Maximum	0	0	0	0	<0.10	0	0	0	0	0	0	0	<0.10
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	<1.0	0	0	0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	150	0	0	0	0	0	0	0	150
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	150	0	0	0	0	0	0	0	150
Total Boron	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	<50	0	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	25	0	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	<0.010	0	0	0	0	0	0	0	<0.010
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0.005	0	0	0	0	0	0	0	0.005
Total Chromium	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	<1.0	0	0	0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0.57	0	0	0	0	0	0	0	0.57
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0.57	0	0	0	0	0	0	0	0.57
Total Iron	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	<50	0	0	0	0	0	0	0	<50
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	25	0	0	0	0	0	0	0	25
Total Nickel	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	<2.0	0	0	0	0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Ammonia	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	<0.050	0	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0.025	0	0	0	0	0	0	0	0.025

TABLE 9 CONTINUED: CEMEX 2024 DL Quarry 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Nitrate, filtered, reactive	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Nitrate, filtered, reactive	MG/L	Maximum	0	0	0	0	0.64	0	0	0	0	0	0	0	0.64
Nitrate, filtered, reactive	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate, filtered, reactive	MG/L	Monthly Average	0	0	0	0	0.64	0	0	0	0	0	0	0	0.64
Orthophosphate	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Orthophosphate	MG/L	Maximum	0	0	0	0	<0.010	0	0	0	0	0	0	0	<0.010
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0.005	0	0	0	0	0	0	0	0.005
Total Lead	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	5.2	0	0	0	0	0	0	0	5.2
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	5.2	0	0	0	0	0	0	0	5.2
pH	PH UNITS	# of Samples	0	0	0	0	1	1	0	0	0	0	0	0	2
pH	PH UNITS	Maximum	0	0	0	0	8.17	8.25	0	0	0	0	0	0	8.25
pH	PH UNITS	Minimum	0	0	0	0	8.17	8.25	0	0	0	0	0	0	8.17
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Phenolics	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0	0	0	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0	0	0	0	0	0.0005
Total Selenium	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0.57	0	0	0	0	0	0	0	0.57
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0.57	0	0	0	0	0	0	0	0.57
Sulphide	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Sulphide	MG/L	Maximum	0	0	0	0	<0.0018	0	0	0	0	0	0	0	<0.0018
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	0.0009	0	0	0	0	0	0	0	0.0009
Calculated TDS	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	180	0	0	0	0	0	0	0	180
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	180	0	0	0	0	0	0	0	180
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0	<0.090	0	0	0	0	0	0	0	<0.090
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0	0.045	0	0	0	0	0	0	0	0.045
Total Suspended Solids	MG/L	# of Samples	0	0	0	0	1	1	0	0	0	0	0	0	2
Total Suspended Solids	MG/L	Maximum	0	0	0	0	2.8	1.2	0	0	0	0	0	0	2.8
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	0	0	2.8	1.2	0	0	0	0	0	0	2.8
Total Zinc	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	<5.0	0	0	0	0	0	0	0	<5.0
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	2.5	0	0	0	0	0	0	0	2.5

TABLE 10: CEMEX 2024 Hi-Cal Sampling Point #1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Silver	UG/L	Maximum	0	0	0	0	<0.10	0	<0.10	<0.10	0	0	0	0	<0.10
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0.05	0	0.05	0.05	0	0	0	0	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Arsenic	UG/L	Maximum	0	0	0	0	<1.0	0	<1.0	<1.0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Barium	UG/L	Maximum	0	0	0	0	120	0	210	160	0	0	0	0	210
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	120	0	210	160	0	0	0	0	210
Total Boron	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Boron	UG/L	Maximum	0	0	0	0	<50	0	60	100	0	0	0	0	100
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	25	0	60	100	0	0	0	0	100
Total Cadmium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Cadmium	UG/L	Maximum	0	0	0	0	<0.010	0	0.03	<0.010	0	0	0	0	0.03
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0.005	0	0.03	0.005	0	0	0	0	0.03
Total Chromium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Chromium	UG/L	Maximum	0	0	0	0	<1.0	0	<1.0	<1.0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0.5	0	0.5	0.5	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Copper	UG/L	Maximum	0	0	0	0	0.54	0	0.65	0.59	0	0	0	0	0.65
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0.54	0	0.65	0.59	0	0	0	0	0.65
Total Iron	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Iron	UG/L	Maximum	0	0	0	0	<50	0	89	<50	0	0	0	0	89
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	25	0	89	25	0	0	0	0	89
Total Nickel	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Nickel	UG/L	Maximum	0	0	0	0	<2.0	0	<2.0	2.1	0	0	0	0	2.1
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	1	0	1	2.1	0	0	0	0	2.1
Total Ammonia	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Ammonia	MG/L	Maximum	0	0	0	0	0.072	0	<0.050	0.1	0	0	0	0	0.1
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0.072	0	0.025	0.1	0	0	0	0	0.1

TABLE 10 CONTINUED: CEMEX 2024 Hi-Cal Sampling Point #1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Nitrate, filtered, reactive	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Nitrate, filtered, reactive	MG/L	Maximum	0	0	0	0	2	0	3.9	5.6	0	0	0	0	5.6
Nitrate, filtered, reactive	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate, filtered, reactive	MG/L	Monthly Average	0	0	0	0	2	0	3.9	5.6	0	0	0	0	5.6
Orthophosphate	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Orthophosphate	MG/L	Maximum	0	0	0	0	<0.010	0	<0.010	<0.010	0	0	0	0	<0.010
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0.005	0	0.005	0.005	0	0	0	0	0.005
Total Lead	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Lead	UG/L	Maximum	0	0	0	0	2.1	0	4.1	2.7	0	0	0	0	4.1
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	2.1	0	4.1	2.7	0	0	0	0	4.1
pH	PH UNITS	# of Samples	0	0	1	0	2	1	1	1	1	0	0	0	7
pH	PH UNITS	Maximum	0	0	8.15	0	8.13	8.14	8.1	8.14	8.21	0	0	0	8.21
pH	PH UNITS	Minimum	0	0	8.15	0	8.02	8.14	8.1	8.14	8.21	0	0	0	8.02
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Phenolics	MG/L	Maximum	0	0	0	0	<0.0010	0	<0.0010	<0.0010	0	0	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0.0005	0	0.0005	0.0005	0	0	0	0	0.0005
Total Selenium	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Selenium	UG/L	Maximum	0	0	0	0	0.77	0	1	1.5	0	0	0	0	1.5
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0.77	0	1	1.5	0	0	0	0	1.5
Sulphide	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Sulphide	MG/L	Maximum	0	0	0	0	<0.0018	0	0.0028	<0.0018	0	0	0	0	0.0028
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	0.0009	0	0.0028	0.0009	0	0	0	0	0.0028
Calculated TDS	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Calculated TDS	MG/L	Maximum	0	0	0	0	170	0	290	280	0	0	0	0	290
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	170	0	290	280	0	0	0	0	290
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0	<0.090	0	<0.090	<0.090	0	0	0	0	<0.090
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0	0.045	0	0.045	0.045	0	0	0	0	0.045
Total Suspended Solids	MG/L	# of Samples	0	0	1	0	2	1	1	1	1	0	0	0	7
Total Suspended Solids	MG/L	Maximum	0	0	2	0	2.8	15	2.6	5	2.8	0	0	0	15
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	2	0	2.7	15	2.6	5	2.8	0	0	0	15
Total Zinc	UG/L	# of Samples	0	0	0	0	1	0	1	1	0	0	0	0	3
Total Zinc	UG/L	Maximum	0	0	0	0	9.9	0	56	9.8	0	0	0	0	56
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	9.9	0	56	9.8	0	0	0	0	56

TABLE 11: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Silver	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	<1.0
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0.5
Total Arsenic	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Arsenic	UG/L	Maximum	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0	0	<10
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	5	5	5	5	5	5	5	5	5	5	0	0	5
Total Barium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Barium	UG/L	Maximum	45	52	46	49	46	45	57	42	40	42	0	0	57
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	45	52	46	49	46	45	57	42	40	42	0	0	57
Total Boron	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Boron	UG/L	Maximum	3800	3400	3600	3400	3600	3900	2800	3300	3300	3700	0	0	3900
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	3800	3400	3600	3400	3600	3900	2800	3300	3300	3700	0	0	3900
Cyanide (SAD)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Cyanide (SAD)	MG/L	Maximum	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0	0	<0.0050
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0	0	0.0025
Total Cadmium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Cadmium	UG/L	Maximum	0.7	0.6	0.6	0.6	0.6	0.7	0.5	0.6	0.6	0.6	0	0	0.7
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.7	0.6	0.6	0.6	0.6	0.7	0.5	0.6	0.6	0.6	0	0	0.7
Total Chromium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Chromium	UG/L	Maximum	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0	0	<10
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	5	5	5	5	5	5	5	5	5	5	0	0	5
Total Copper	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Copper	UG/L	Maximum	6.5	5.6	6.1	<5.0	<5.0	<5.0	7.6	<5.0	<5.0	<5.0	0	0	7.6
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	6.5	5.6	6.1	2.5	2.5	2.5	7.6	2.5	2.5	2.5	0	0	7.6
Total Iron	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Iron	UG/L	Maximum	<500	<500	<500	<500	<500	<500	1600	<500	<500	<500	0	0	1600
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	250	250	250	250	250	250	1600	250	250	250	0	0	1600

TABLE 11 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Mercury	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total 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	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0	0	0.0065
Total Nickel	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Nickel	UG/L	Maximum	37	<20	<20	<20	<20	<20	<20	<20	<20	<20	0	0	37
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	37	10	10	10	10	10	10	10	10	10	0	0	37
Total Ammonia	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Ammonia	MG/L	Maximum	3.4	3.5	3.8	3.5	3.3	2.9	2.8	3.3	3.1	3.5	0	0	3.8
Total Ammonia	MG/L	Exceedance(>2)	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Ammonia	MG/L	Monthly Average	3.4	3.5	3.8	3.5	3.3	2.9	2.8	3.3	3.1	3.5	0	0	3.8
Nitrate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Nitrate	MG/L	Maximum	0.43	0.11	0.095	0.13	0.1	0.14	0.18	0.18	0.14	0.19	0	0	0.43
Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate	MG/L	Monthly Average	0.43	0.11	0.10	0.13	0.10	0.14	0.18	0.18	0.14	0.19	0	0	0.43
Orthophosphate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Orthophosphate	MG/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.011	<0.010	<0.010	<0.010	0	0	0.011
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.005	0.011	0.005	0.005	0.005	0	0	0.011
Total Lead	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Lead	UG/L	Maximum	<5.0	<5.0	<5.0	14	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0	0	14
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	2.5	2.5	2.5	14	2.5	2.5	2.5	2.5	2.5	2.5	0	0	14
pH	PH UNITS	# of Samples	5	4	4	4	4	4	3	4	4	4	0	0	40
pH	PH UNITS	Maximum	8.00	7.76	7.8	7.83	7.8	7.8	7.88	7.81	7.74	7.92	0	0	8.00
pH	PH UNITS	Minimum	7.64	7.69	7.56	7.69	7.47	7.61	7.67	7.53	7.62	7.6	0	0	7.47
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Phenolics	MG/L	Maximum	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	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	0	0.0005
Total Phosphates as P2O5	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Phosphates as P2O5	MG/L	Maximum	0.15	0.18	0.058	<0.050	<0.050	<0.050	0.16	<0.050	<0.050	<0.050	0	0	0.18
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	0.15	0.18	0.058	0.025	0.025	0.025	0.16	0.025	0.025	0.025	0	0	0.18

TABLE 11 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #1 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	1	0	1	0	0	9
Radium-226	BQ/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0	0.017	0	0	0.017
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0	0.017	0	0	0.017
Total Selenium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Selenium	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0	0	<5.0
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0	0	2.5
Sulphide	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
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	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	0	0.01
Calculated TDS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Calculated TDS	MG/L	Maximum	0	0	0	1000	0	0	0	0	0	0	0	0	1000
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	1000	0	0	0	0	0	0	0	0	1000
TPH (Atlantic PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
TPH (Atlantic PIRI)	MG/L	Maximum	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	0	0	<0.090
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0	0	0.045
TSS	MG/L	# of Samples	5	4	4	4	4	4	3	4	4	4	0	0	40
TSS	MG/L	Maximum	13	15	62	13	4.8	3.2	41	9.8	3.5	4	0	0	62
TSS	MG/L	Exceedance(>30)	0	0	1	0	0	0	1	0	0	0	0	0	2
TSS	MG/L	Monthly Average	5.1	8.0	19.4	5.7	2.4	2.2	16.2	7.6	2.5	3.4	0	0	19.4
Total Zinc	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Zinc	UG/L	Maximum	170	<50	<50	70	<50	<50	<50	<50	<50	<50	0	0	170
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	170	25	25	70	25	25	25	25	25	25	0	0	170

*Note 1 in the ECWSR is applied to determine TDS at this location.

TABLE 12: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Silver	UG/L	Maximum	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0	0	<1.0
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0	0.5
Total Arsenic	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Arsenic	UG/L	Maximum	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0	0	<10
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	5	5	5	5	5	5	5	5	5	5	0	0	5
Total Barium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Barium	UG/L	Maximum	110	120	110	110	120	110	110	100	100	100	0	0	120
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	110	120	110	110	120	110	110	100	100	100	0	0	120
Total Boron	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Boron	UG/L	Maximum	2200	2300	2300	2200	2200	2400	2100	2000	2200	2300	0	0	2400
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	2200	2300	2300	2200	2200	2400	2100	2000	2200	2300	0	0	2400
Cyanide (SAD)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Cyanide (SAD)	MG/L	Maximum	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0	0	<0.0050
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0	0	0.0025
Total Cadmium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Cadmium	UG/L	Maximum	1.1	1.3	1.2	1.2	1.2	1.2	1.2	1.0	1.1	1.1	0	0	1.3
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	1.1	1.3	1.2	1.2	1.2	1.2	1.2	1.0	1.1	1.1	0	0	1.3
Total Chromium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Chromium	UG/L	Maximum	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0	0	<10
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	5	5	5	5	5	5	5	5	5	5	0	0	5
Total Copper	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Copper	UG/L	Maximum	7.8	7.8	7.8	7.8	6.9	7.5	8.2	6.8	7.3	7.2	0	0	8.2
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	7.8	7.8	7.8	7.8	6.9	7.5	8.2	6.8	7.3	7.2	0	0	8.2
Total Iron	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Iron	UG/L	Maximum	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	0	0	<500
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	250	250	250	250	250	250	250	250	250	250	0	0	250

TABLE 12 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Mercury	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Mercury	UG/L	Maximum	<0.013	<0.013	0.017	<0.013	<0.013	<0.013	0.017	<0.013	<0.013	<0.013	0	0	0.017
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0065	0.0065	0.017	0.0065	0.0065	0.0065	0.017	0.0065	0.0065	0.0065	0	0	0.017
Total Nickel	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Nickel	UG/L	Maximum	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	0	0	<20
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	10	10	10	10	10	10	10	10	10	10	0	0	10
Total Ammonia	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Ammonia	MG/L	Maximum	6.3	6.0	6.5	5.5	5.9	6.0	5.7	5.7	5.7	6.5	0	0	6.5
Total Ammonia	MG/L	Exceedance(>2)	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Ammonia	MG/L	Monthly Average	6.3	6.0	6.5	5.5	5.9	6.0	5.7	5.7	5.7	6.5	0	0	6.5
Nitrate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Nitrate	MG/L	Maximum	0.14	0.17	0.17	0.13	0.15	0.21	0.15	0.18	0.15	0.16	0	0	0.21
Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate	MG/L	Monthly Average	0.14	0.17	0.17	0.13	0.15	0.21	0.15	0.18	0.15	0.16	0	0	0.21
Orthophosphate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Orthophosphate	MG/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0	0	<0.010
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0	0	0.005
Total Lead	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Lead	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0	0	<5.0
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0	0	2.5
pH	PH UNITS	# of Samples	4	4	4	4	4	4	3	4	4	4	0	0	39
pH	PH UNITS	Maximum	8.08	7.79	7.82	7.8	7.84	7.79	7.55	7.77	7.77	7.83	0	0	8.08
pH	PH UNITS	Minimum	7.59	7.63	7.47	7.61	7.43	7.51	7.55	7.49	7.49	7.53	0	0	7.43
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Phenolics	MG/L	Maximum	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	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	0	0.0005
Total Phosphates as P2O5	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Phosphates as P2O5	MG/L	Maximum	<0.050	0.075	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0	0	0.075
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	0.025	0.075	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0	0	0.075

TABLE 12 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Settlement Pond #2 Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Radium-226	BQ/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0	0	<0.010
Radium-226	BQ/L	Exceedance(>0.37)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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	0	0.005
Total Selenium	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Selenium	UG/L	Maximum	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0	0	<5.0
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0	0	2.5
Sulphide	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
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	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	0	0.01
Calculated TDS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Calculated TDS	MG/L	Maximum	3000	2000	1000	3000	3000	3000	3000	2000	4000	3000	0	0	4000
Calculated TDS	MG/L	Exceedance(>1000)	1	1	1	1	1	1	1	1	1	1	0	0	10
Calculated TDS	MG/L	Monthly Average	3000	2000	1000	3000	3000	3000	3000	2000	4000	3000	0	0	4000
TPH (Atlantic PIRI)	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
TPH (Atlantic PIRI)	MG/L	Maximum	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	0.1	<0.090	<0.090	0	0	0.1
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.1	0.045	0.045	0	0	0.1
TSS	MG/L	# of Samples	4	4	4	4	4	4	3	4	4	4	0	0	39
TSS	MG/L	Maximum	10	2.4	13	1.8	6	2	1.6	4.6	2.4	3.7	0	0	13
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	5.4	1.4	4.6	1.5	2.6	1.5	1.3	3.9	1.6	1.6	0	0	5.4
Total Zinc	UG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	0	10
Total Zinc	UG/L	Maximum	<50	<50	<50	76	<50	<50	<50	<50	<50	<50	0	0	76
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	25	25	25	76	25	25	25	25	25	25	0	0	76

*Note 1 in the ECWSR is applied to determine TDS at this location.

TABLE 13: Cenovus Energy Incorporated (Argentina) 2024 Pond Overflow Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Silver	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.1	<0.1
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<2	<2
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Barium	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Barium	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	49	49
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	49	49
Total Boron	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Boron	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	6120	6120
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Boron	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	6120	6120
Cyanide (SAD)	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Cyanide (SAD)	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.002	<0.002
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.001	0.001
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.09	<0.09
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.045	0.045
Total Chromium	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<1	<1
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Copper	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	3	3
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	3	3
Total Iron	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Iron	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	1270	1270
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	1270	1270

TABLE 13 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Pond Overflow Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Mercury	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.026	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.013	0.013
Total Nickel	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	3	3
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	3	3
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	0.03	0.03
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.03	0.03
Total Nitrate	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Nitrate	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.05	<0.05
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.025	0.025
Orthophosphate	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Orthophosphate	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	0.01	0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.01	0.01
Total Lead	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Lead	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	2.9	2.9
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	2.9	2.9
pH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	0	0	0	3	3
pH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	0	0	0	8.12	8.12
pH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	0	0	0	7.72	7.72
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Phenolics	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.001	<0.001
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.0005	0.0005
Total Phosphates as P2O5	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Phosphates as P2O5	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	0.11	0.11
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.11	0.11

TABLE 13 CONTINUED: Cenovus Energy Incorporated (Argentina) 2024 Pond Overflow Weir

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Selenium	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<1	<1
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5
Sulphide	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Sulphide	MG/L	Maximum	0	0	0	0	0	0	0	0	0	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	0	0	0.025	0.025
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	27100	27100
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	1	1
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	27100	27100
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	<0.1	<0.1
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	5	5
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	62	62
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	2	2
TSS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	34.8	34.8
Total Zinc	UG/L	# of Samples	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	0	0	0	0	0	0	27	27
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	0	0	0	0	0	0	27	27

TABLE 14: Central Regional Waste Services Board 2024 SW9

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Silver	UG/L	Maximum	0	0	0	0	<0.10	0	0	<0.10	0	<0.10	0	<0.10	<0.10
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0.05	0	0	0.05	0	0.05	0	0.05	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Arsenic	UG/L	Maximum	0	0	0	0	8	0	0	19	0	21	0	1.2	21
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	8	0	0	19	0	21	0	1.2	21
Total Barium	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Barium	UG/L	Maximum	0	0	0	0	200	0	0	260	0	230	0	130	260
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	200	0	0	260	0	230	0	130	260
Total Boron	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Boron	UG/L	Maximum	0	0	0	0	780	0	0	2000	0	2000	0	82	2000
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	780	0	0	2000	0	2000	0	82	2000
BOD	MG/L	# of Samples	0	1	0	1	1	0	0	1	0	0	0	0	4
BOD	MG/L	Maximum	0	<10	0	10	33	0	0	57	0	0	0	0	57
BOD	MG/L	Exceedance(>20)	0	0	0	0	1	0	0	1	0	0	0	0	2
BOD	MG/L	Monthly Average	0	5	0	10	33	0	0	57	0	0	0	0	57
Total Cadmium	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Cadmium	UG/L	Maximum	0	0	0	0	<0.010	0	0	0.028	0	0.026	0	<0.010	0.028
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0.005	0	0	0.028	0	0.026	0	0.005	0.028
Total Chromium	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Chromium	UG/L	Maximum	0	0	0	0	7.3	0	0	11	0	9.6	0	1.1	11
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	7.3	0	0	11	0	9.6	0	1.1	11
Total Copper	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Copper	UG/L	Maximum	0	0	0	0	1.9	0	0	4.5	0	3.8	0	1.1	4.5
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	1.9	0	0	4.5	0	3.8	0	1.1	4.5
Total Iron	UG/L	# of Samples	0	1	0	1	2	0	0	2	1	2	0	1	10
Total Iron	UG/L	Maximum	0	760	0	1200	360	0	0	390	<500	190	0	97	1200
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	760	0	1200	330	0	0	390	250	160	0	97	1200
Total Mercury	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Mercury	UG/L	Maximum	0	0	0	0	0.02	0	0	<0.013	0	<0.013	0	<0.013	0.02
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0.02	0	0	0.0065	0	0.0065	0	0.0065	0.02
Total Nickel	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Nickel	UG/L	Maximum	0	0	0	0	16	0	0	43	0	45	0	2.4	45
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	16	0	0	43	0	45	0	2.4	45

TABLE 14 CONTINUED: Central Regional Waste Services Board 2024 SW9

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Ammonia	MG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Ammonia	MG/L	Maximum	0	0	0	0	71	0	0	47	0	6.3	0	1.1	71
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	1	0	0	1	0	1	0	0	3
Total Ammonia	MG/L	Monthly Average	0	0	0	0	71	0	0	47	0	6.3	0	1.1	71
Nitrate	MG/L	# of Samples	0	1	0	1	2	0	0	2	1	2	0	1	10
Nitrate	MG/L	Maximum	0	11	0	7.1	10	0	0	20	6.8	31	0	2.4	31
Nitrate	MG/L	Exceedance(>10)	0	1	0	0	0	0	0	2	0	2	0	0	5
Nitrate	MG/L	Monthly Average	0	11	0	7.1	9.75	0	0	19	6.8	22	0	2.4	22
Orthophosphate	MG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Orthophosphate	MG/L	Maximum	0	0	0	0	0.011	0	0	<0.010	0	<0.010	0	0.019	0.019
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0.011	0	0	0.005	0	0.005	0	0.019	0.019
Total Lead	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Lead	UG/L	Maximum	0	0	0	0	<0.50	0	0	<0.50	0	<0.50	0	<0.50	<0.50
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0.25	0	0	0.25	0	0.25	0	0.25	0.25
pH	PH UNITS	# of Samples	0	1	0	1	2	0	0	2	1	2	0	1	10
pH	PH UNITS	Maximum	0	8.27	0	8.27	8.12	0	0	8.65	8.93	8.73	0	8.06	8.93
pH	PH UNITS	Minimum	0	8.27	0	8.27	8.05	0	0	8.6	8.93	8.01	0	8.06	8.01
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Phenolics	MG/L	Maximum	0	0	0	0	<0.0010	0	0	0.0017	0	0.001	0	<0.0010	0.0017
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0.0005	0	0	0.0017	0	0.001	0	0.0005	0.0017
Total Selenium	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Selenium	UG/L	Maximum	0	0	0	0	<0.50	0	0	<0.50	0	<0.50	0	<0.50	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0.25	0	0	0.25	0	0.25	0	0.25	0.25
Sulphide	MG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Sulphide	MG/L	Maximum	0	0	0	0	<0.020	0	0	0.021	0	<0.020	0	<0.020	0.021
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	0.021	0	0.01	0	0.01	0.021
Calculated TDS	MG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Calculated TDS	MG/L	Maximum	0	0	0	0	990	0	0	2000	0	1800	0	230	2000
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	1	0	1	0	0	2
Calculated TDS	MG/L	Monthly Average	0	0	0	0	990	0	0	2000	0	1800	0	230	2000
TSS	MG/L	# of Samples	0	1	0	1	2	0	0	2	1	2	0	1	10
TSS	MG/L	Maximum	0	3.6	0	19	11	0	0	66	24	19	0	1.4	66
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	2	0	0	0	0	2
TSS	MG/L	Monthly Average	0	3.6	0	19	9.2	0	0.0	63	24	15.5	0	1.4	63
Total Zinc	UG/L	# of Samples	0	0	0	0	1	0	0	1	0	1	0	1	4
Total Zinc	UG/L	Maximum	0	0	0	0	7	0	0	11	0	8.8	0	<5.0	11
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	7	0	0	11	0	8.8	0	2.5	11

TABLE 15: City of St. John's - Robin Hood Bay Landfill 2024 LW2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Boron	UG/L	Maximum	2100	0	0	1900	0	0	2300	0	0	2500	0	0	2500
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	2100	0	0	1900	0	0	2300	0	0	2500	0	0	2500
BOD	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
BOD	MG/L	Maximum	<45	0	0	78	0	0	<90	0	0	110	0	0	110
BOD	MG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	22.5	0	0	78	0	0	45	0	0	110	0	0	110
Cyanide (SAD)	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Cyanide (SAD)	MG/L	Maximum	0.0078	0	0	<0.0050	0	0	0.0078	0	0	0.0057	0	0	0.0078
Cyanide (SAD)	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0078	0	0	0.0025	0	0	0.0078	0	0	0.0057	0	0	0.0078
Total Cadmium	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Cadmium	UG/L	Maximum	0.032	0	0	0.032	0	0	0.11	0	0	0.17	0	0	0.17
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.032	0	0	0.032	0	0	0.11	0	0	0.17	0	0	0.17
Total Chromium	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Chromium	UG/L	Maximum	13	0	0	11	0	0	24	0	0	11	0	0	24
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	13	0	0	11	0	0	24	0	0	11	0	0	24
Total Hexavalent Chromium	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Hexavalent Chromium	MG/L	Maximum	<0.0050	0	0	<0.00099	0	0	<0.0099	0	0	<0.0050	0	0	<0.0099
Total Hexavalent Chromium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hexavalent Chromium	MG/L	Monthly Average	0.00250	0	0	0.00050	0	0	0.00495	0	0	0.00250	0	0	0.00495
Total Copper	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Copper	UG/L	Maximum	12	0	0	4.6	0	0	14	0	0	18	0	0	18
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	12	0	0	4.6	0	0	14	0	0	18	0	0	18
Total Iron	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Iron	UG/L	Maximum	26000	0	0	35000	0	0	45000	0	0	9900	0	0	45000
Total Iron	UG/L	Exceedance(>15000)	1	0	0	1	0	0	1	0	0	0	0	0	3
Total Iron	UG/L	Monthly Average	26000	0	0	35000	0	0	45000	0	0	9900	0	0	45000
Total Mercury	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Mercury	UG/L	Maximum	<0.013	0	0	<0.013	0	0	<0.013	0	0	<0.013	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0065	0	0	0.0065	0	0	0.0065	0	0	0.0065	0	0	0.0065
Total Nickel	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Nickel	UG/L	Maximum	24	0	0	17	0	0	32	0	0	24	0	0	32
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	24	0	0	17	0	0	32	0	0	24	0	0	32

TABLE 15 CONTINUED: City of St. John's - Robin Hood Bay Landfill 2024 LW2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Orthophosphate	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Orthophosphate	MG/L	Maximum	<0.010	0	0	<0.010	0	0	0.033	0	0	0.034	0	0	0.034
Orthophosphate	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.005	0	0	0.005	0	0	0.033	0	0	0.034	0	0	0.034
Total Lead	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Lead	UG/L	Maximum	2.8	0	0	1.2	0	0	<5.0	0	0	6.1	0	0	6.1
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	2.8	0	0	1.2	0	0	2.5	0	0	6.1	0	0	6.1
pH	PH UNITS	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	7.39	0	0	7.29	0	0	7.3	0	0	7.22	0	0	7.39
pH	PH UNITS	Minimum	7.39	0	0	7.29	0	0	7.3	0	0	7.22	0	0	7.22
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Phenolics	MG/L	Maximum	0.0063	0	0	0.036	0	0	0.088	0	0	0.1200	0	0	0.1200
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.0063	0	0	0.036	0	0	0.088	0	0	0.1200	0	0	0.1200
TPH (Atlantic PIRI)	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TPH (Atlantic PIRI)	MG/L	Maximum	0.68	0	0	0.36	0	0	0.88	0	0	0.68	0	0	0.88
TPH (Atlantic PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.68	0	0	0.36	0	0	0.88	0	0	0.68	0	0	0.88
TSS	MG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	83	0	0	89	0	0	55	0	0	22	0	0	89
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	83	0	0	89	0	0	55	0	0	22	0	0	89
Total Zinc	UG/L	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
Total Zinc	UG/L	Maximum	48	0	0	120	0	0	710	0	0	150	0	0	710
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	1	0	0	0	0	0	1
Total Zinc	UG/L	Monthly Average	48	0	0	120	0	0	710	0	0	150	0	0	710

TABLE 16: Corner Brook Pulp and Paper 2024 East Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	5	4	4	5	0	8	5	4	5	4	4	5	53
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	5	4	4	5	0	8	5	4	5	4	4	5	53
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	0	2	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	0	2	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	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	1	0	0	4
pH	PH UNITS	Maximum	7.71	0	0	7.84	0	0	7.60	0	0	7.66	0	0	7.84
pH	PH UNITS	Minimum	7.71	0	0	7.84	0	0	7.60	0	0	7.66	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

TABLE 17: Corner Brook Pulp and Paper 2024 Effluent Treatment

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	5	4	4	5	0	8	5	4	5	4	4	5	53
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	5	4	4	5	0	8	5	4	5	4	4	5	53
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	0	2	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	0	2	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	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	1	0	0	4
pH	PH UNITS	Maximum	7.30	0	0	7.17	0	0	7.54	0	0	7.52	0	0	7.54
pH	PH UNITS	Minimum	7.30	0	0	7.17	0	0	7.54	0	0	7.52	0	0	7.17
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 18: Corner Brook Pulp and Paper 2024 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	29	31	30	31	30	31	31	30	31	30	31	366
TSS	Tonnes/ Day	Maximum	2.0341	1.0823	3.0616	3.7270	4.9925	2.7451	3.2872	3.0309	2.2950	1.9830	2.4128	1.6627	4.9925
TSS	Tonnes/ Day	Exceedance (>14.61)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	Tonnes/ Day	Average	0.9158	0.6033	1.9173	1.5658	1.8285	1.5183	1.9672	1.5715	1.1970	1.0156	0.7365	0.8337	1.3059
TSS	Tonnes/ Day	Exceedance (>9.06)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	Tonnes/ Day	# of Samples	14	13	12	13	14	12	14	13	12	15	12	13	157
BOD	Tonnes/ Day	Maximum	0.5657	0.4438	0.8285	0.7773	0.9052	0.7955	0.6674	0.5747	0.4191	0.5117	0.3288	0.3554	0.9052
BOD	Tonnes/ Day	Exceedance (>9.74)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	Tonnes/ Day	Average	0.3298	0.2936	0.6828	0.4360	0.5211	0.4065	0.4229	0.4537	0.2984	0.2960	0.1630	0.1974	0.3751
BOD	Tonnes/ Day	Exceedance (>6.04)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 19: Country Ribbon Incorporated (White Hills Road) 2024 Post DAF Sampling

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Boron	UG/L	Maximum	0	0	<50	0	0	0	0	0	0	0	<50	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	25	0	0	0	0	0	0	0	25	0	25
BOD	MG/L	# of Samples	2	5	4	0	5	3	4	5	3	5	3	3	42
BOD	MG/L	Maximum	280	330	360	0	520	690	260	760	460	460	380	560	760
BOD	MG/L	Exceedance(>300)	0	2	1	0	2	2	0	4	2	3	1	2	19
BOD	MG/L	Monthly Average	265	252	243	0	312	433	180	428	313	334	257	367	433
Total Cadmium	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Cadmium	UG/L	Maximum	0	0	0.04	0	0	0	0	0	0	0	0.039	0	0.04
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0.04	0	0	0	0	0	0	0	0.039	0	0.04
Total Chromium	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Chromium	UG/L	Maximum	0	0	<1.0	0	0	0	0	0	0	0	1.5	0	1.5
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0.5	0	0	0	0	0	0	0	1.5	0	1.5
Total Copper	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Copper	UG/L	Maximum	0	0	77	0	0	0	0	0	0	0	67	0	77
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	77	0	0	0	0	0	0	0	67	0	77
Total Iron	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Iron	UG/L	Maximum	0	0	410	0	0	0	0	0	0	0	380	0	410
Total Iron	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	410	0	0	0	0	0	0	0	380	0	410
Total Mercury	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Mercury	UG/L	Maximum	0	0	<0.013	0	0	0	0	0	0	0	<0.013	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0.0065	0	0	0	0	0	0	0	0.0065	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Nickel	UG/L	Maximum	0	0	<2.0	0	0	0	0	0	0	0	<2.0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	1	0	0	0	0	0	0	0	1	0	1
Orthophosphate	MG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Orthophosphate	MG/L	Maximum	0	0	2.4	0	0	0	0	0	0	0	4.5	0	4.5
Orthophosphate	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	1	0	1
Orthophosphate	MG/L	Monthly Average	0	0	2.4	0	0	0	0	0	0	0	4.5	0	4.5
Total Lead	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Lead	UG/L	Maximum	0	0	0.91	0	0	0	0	0	0	0	<0.50	0	0.91
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0.91	0	0	0	0	0	0	0	0.25	0	0.91

TABLE 19 CONTINUED: Country Ribbon Incorporated (White Hills Road) 2024 Post DAF Sampling

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	4	5	5	0	5	3	4	5	3	5	4	3	46
pH	PH UNITS	Maximum	6.91	7.10	7.20	0	7.05	7.07	6.99	6.92	6.82	7.10	7.09	6.89	7.20
pH	PH UNITS	Minimum	6.8	6.91	6.66	0	6.68	6.62	6.75	6.67	6.73	6.84	6.75	6.65	6.62
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Phenolics	MG/L	Maximum	0	0	0.0057	0	0	0	0	0	0	0	0.021	0	0.021
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0.0057	0	0	0	0	0	0	0	0.021	0	0.021
Total Oil and Grease	MG/L	# of Samples	4	5	4	0	5	3	4	5	3	5	3	3	44
Total Oil and Grease	MG/L	Maximum	330	65	170	0	280	180	230	93	65	55	23	97	330
Total Oil and Grease	MG/L	Exceedance(>100)	1	0	1	0	4	1	1	0	0	0	0	0	8
Total Oil and Grease	MG/L	Monthly Average	110	32	63	0	173	86	70	36	42	40	18	57	173
TSS	MG/L	# of Samples	4	5	4	0	5	3	4	5	3	5	3	3	44
TSS	MG/L	Maximum	230	130	120	0	250	640	330	180	200	360	210	400	640
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	1	0	0	0	1	0	1	3
TSS	MG/L	Monthly Average	165	120	98	0	172	307	183	126	160	184	132	223	307
Total Zinc	UG/L	# of Samples	0	0	1	0	0	0	0	0	0	0	1	0	2
Total Zinc	UG/L	Maximum	0	0	100	0	0	0	0	0	0	0	400	0	400
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	100	0	0	0	0	0	0	0	400	0	400

TABLE 20: Department of Industry, Energy and Technology (Buchans) 2024 PH1 & PH2 Combined

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	0	32	0	0	0	0	0	0	32
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	32	0	0	0	0	0	0	32
Total Boron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	0	<50	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	0	25	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	32	0	0	0	0	0	0	32
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	32	0	0	0	0	0	0	32
Total Chromium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	1.3	0	0	0	0	0	0	1.3
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	1.3	0	0	0	0	0	0	1.3
Total Copper	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0	84	0	0	0	0	0	0	84
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0	84	0	0	0	0	0	0	84
Total Iron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	0	76	0	0	0	0	0	0	76
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	76	0	0	0	0	0	0	76
Total Mercury	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	<0.013	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0.0065	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	3.6	0	0	0	0	0	0	3.6
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	3.6	0	0	0	0	0	0	3.6
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	<0.050	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0	0	0	0	0.025

TABLE 20 CONTINUED: Department of Industry, Energy and Technology (Buchans) 2024 PH1 & PH2 Combined

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	0	1	0	0	0	0	0	0	1
Nitrate	MG/L	Maximum	0	0	0	0	0	0.8	0	0	0	0	0	0	0.8
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	0.8	0	0	0	0	0	0	0.8
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	0	2.3	0	0	0	0	0	0	2.3
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0	2.3	0	0	0	0	0	0	2.3
pH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	0	6.93	0	0	0	0	0	0	6.93
pH	PH UNITS	Minimum	0	0	0	0	0	6.93	0	0	0	0	0	0	6.93
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	220	0	0	0	0	0	0	220
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	220	0	0	0	0	0	0	220
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
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	0	0.5	0	0	0	0	0	0	0.5
Total Zinc	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	12000	0	0	0	0	0	0	12000
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	12000	0	0	0	0	0	0	12000

TABLE 21: Department of Industry, Energy and Technology (Buchans) 2024 Site 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	1.8	0	0	0	0	0	0	1.8
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	1.8	0	0	0	0	0	0	1.8
Total Barium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	0	100	0	0	0	0	0	0	100
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	100	0	0	0	0	0	0	100
Total Boron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	0	<50	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	0	25	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	150	0	0	0	0	0	0	150
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	150	0	0	0	0	0	0	150
Total Chromium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	1.7	0	0	0	0	0	0	1.7
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	1.7	0	0	0	0	0	0	1.7
Total Copper	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0	2000	0	0	0	0	0	0	2000
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Monthly Average	0	0	0	0	0	2000	0	0	0	0	0	0	2000
Total Iron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	0	260	0	0	0	0	0	0	260
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	260	0	0	0	0	0	0	260
Total Mercury	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	<0.013	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0.0065	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	8	0	0	0	0	0	0	8
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	8	0	0	0	0	0	0	8
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	<0.050	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0	0	0	0	0.025

TABLE 21 CONTINUED: Department of Industry, Energy and Technology (Buchans) 2024 Site 1

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	0	1	0	0	0	0	0	0	1
Nitrate	MG/L	Maximum	0	0	0	0	0	0.064	0	0	0	0	0	0	0.064
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	0.064	0	0	0	0	0	0	0.064
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	0	1900	0	0	0	0	0	0	1900
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Monthly Average	0	0	0	0	0	1900	0	0	0	0	0	0	1900
pH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	0	4.85	0	0	0	0	0	0	4.85
pH	PH UNITS	Minimum	0	0	0	0	0	4.85	0	0	0	0	0	0	4.85
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	200	0	0	0	0	0	0	200
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	200	0	0	0	0	0	0	200
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	2.6	0	0	0	0	0	0	2.6
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	2.6	0	0	0	0	0	0	2.6
Total Zinc	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	37000	0	0	0	0	0	0	37000
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	37000	0	0	0	0	0	0	37000

TABLE 22: Department of Industry, Energy and Technology (Buchans) 2024 Site 12

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	0	180	0	0	0	0	0	0	180
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	180	0	0	0	0	0	0	180
Total Boron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	0	<50	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	0	25	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	28	0	0	0	0	0	0	28
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	28	0	0	0	0	0	0	28
Total Chromium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0	350	0	0	0	0	0	0	350
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Monthly Average	0	0	0	0	0	350	0	0	0	0	0	0	350
Total Iron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	0	300	0	0	0	0	0	0	300
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	300	0	0	0	0	0	0	300
Total Mercury	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	<0.013	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0.0065	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	4.3	0	0	0	0	0	0	4.3
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	4.3	0	0	0	0	0	0	4.3
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	<0.050	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0	0	0	0	0.025

TABLE 22 CONTINUED: Department of Industry, Energy and Technology (Buchans) 2024 Site 12

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	0	1	0	0	0	0	0	0	1
Nitrate	MG/L	Maximum	0	0	0	0	0	0.18	0	0	0	0	0	0	0.18
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	0.18	0	0	0	0	0	0	0.18
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	0	380	0	0	0	0	0	0	380
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Monthly Average	0	0	0	0	0	380	0	0	0	0	0	0	380
pH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	0	6.76	0	0	0	0	0	0	6.76
pH	PH UNITS	Minimum	0	0	0	0	0	6.76	0	0	0	0	0	0	6.76
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	130	0	0	0	0	0	0	130
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	130	0	0	0	0	0	0	130
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	5.6	0	0	0	0	0	0	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	0	0	0	0	0	5.6	0	0	0	0	0	0	5.6
Total Zinc	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	8000	0	0	0	0	0	0	8000
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	8000	0	0	0	0	0	0	8000

TABLE 23: Department of Industry, Energy and Technology (Buchans) 2024 Site 17

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	0	23	0	0	0	0	0	0	23
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	23	0	0	0	0	0	0	23
Total Boron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	0	<50	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	0	25	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	0.51	0	0	0	0	0	0	0.51
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	0.51	0	0	0	0	0	0	0.51
Total Chromium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	5.2	0	0	0	0	0	0	5.2
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	5.2	0	0	0	0	0	0	5.2
Total Copper	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0	3.2	0	0	0	0	0	0	3.2
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0	3.2	0	0	0	0	0	0	3.2
Total Iron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	0	270	0	0	0	0	0	0	270
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	270	0	0	0	0	0	0	270
Total Mercury	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	<0.013	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0.0065	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	<2.0	0	0	0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	<0.050	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0	0	0	0	0.025

TABLE 23 CONTINUED: Department of Industry, Energy and Technology (Buchans) 2024 Site 17

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	0	1	0	0	0	0	0	0	1
Nitrate	MG/L	Maximum	0	0	0	0	0	<0.050	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	0.025	0	0	0	0	0	0	0.025
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	0	0.88	0	0	0	0	0	0	0.88
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0	0.88	0	0	0	0	0	0	0.88
pH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	0	8.15	0	0	0	0	0	0	8.15
pH	PH UNITS	Minimum	0	0	0	0	0	8.15	0	0	0	0	0	0	8.15
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	530	0	0	0	0	0	0	530
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	530	0	0	0	0	0	0	530
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	1.2	0	0	0	0	0	0	1.2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	0	0	0	0	1.2	0	0	0	0	0	0	1.2
Total Zinc	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	1300	0	0	0	0	0	0	1300
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	1300	0	0	0	0	0	0	1300

TABLE 24: Department of Industry, Energy and Technology (Buchans) 2024 Site 2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	0	1.1	0	0	0	0	0	0	1.1
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0	1.1	0	0	0	0	0	0	1.1
Total Barium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Barium	UG/L	Maximum	0	0	0	0	0	890	0	0	0	0	0	0	890
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	0	0	890	0	0	0	0	0	0	890
Total Boron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	0	0	<50	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	0	0	25	0	0	0	0	0	0	25
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	0	0	1.8	0	0	0	0	0	0	1.8
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	1.8	0	0	0	0	0	0	1.8
Total Chromium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	0	0	<1.0	0	0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0	0	0.5	0	0	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	0	19	0	0	0	0	0	0	19
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0	19	0	0	0	0	0	0	19
Total Iron	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	0	0	310	0	0	0	0	0	0	310
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	0	0	310	0	0	0	0	0	0	310
Total Mercury	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	0	0	<0.013	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0	0	0.0065	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	0	<2.0	0	0	0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Ammonia	MG/L	Maximum	0	0	0	0	0	<0.050	0	0	0	0	0	0	<0.050
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.025	0	0	0	0	0	0	0.025

TABLE 24 CONTINUED: Department of Industry, Energy and Technology (Buchans) 2024 Site

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	0	1	0	0	0	0	0	0	1
Nitrate	MG/L	Maximum	0	0	0	0	0	<0.050	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	0.025	0	0	0	0	0	0	0.025
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	0	120	0	0	0	0	0	0	120
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0	120	0	0	0	0	0	0	120
pH	PH UNITS	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	0	7.37	0	0	0	0	0	0	7.37
pH	PH UNITS	Minimum	0	0	0	0	0	7.37	0	0	0	0	0	0	7.37
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	0	0	31	0	0	0	0	0	0	31
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	31	0	0	0	0	0	0	31
TSS	MG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0	14	0	0	0	0	0	0	14
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	14	0	0	0	0	0	0	14
Total Zinc	UG/L	# of Samples	0	0	0	0	0	1	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	0	480	0	0	0	0	0	0	480
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	0	480	0	0	0	0	0	0	480

TABLE 25: Department of Transportation and Infrastructure (Grand Falls) 2024 North Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Silver	UG/L	Maximum	0	0	<0.1	0	0	<0.1	0	0	<0.1	0	0	0.1	0.1
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.1	0.1
Total Arsenic	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Arsenic	UG/L	Maximum	0	0	<2	0	0	<2	0	0	3	0	0	3	3
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	1	0	0	1	0	0	3	0	0	3	3
Total Barium	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Barium	UG/L	Maximum	0	0	38	0	0	48	0	0	67	0	0	63	67
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	38	0	0	48	0	0	67	0	0	63	67
Total Boron	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Boron	UG/L	Maximum	0	0	121	0	0	214	0	0	165	0	0	199	214
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	121	0	0	214	0	0	165	0	0	199	214
Total Cadmium	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Cadmium	UG/L	Maximum	0	0	0.33	0	0	0.23	0	0	<0.09	0	0	0.72	0.72
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0.33	0	0	0.23	0	0	0.045	0	0	0.72	0.72
Total Chromium	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Chromium	UG/L	Maximum	0	0	5	0	0	5	0	0	1	0	0	15	15
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	5	0	0	5	0	0	1	0	0	15	15
Total Copper	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Copper	UG/L	Maximum	0	0	53	0	0	73	0	0	15	0	0	195	195
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	53	0	0	73	0	0	15	0	0	195	195
Total Iron	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Iron	UG/L	Maximum	0	0	3980	0	0	2940	0	0	4790	0	0	10200	10200
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Iron	UG/L	Monthly Average	0	0	3980	0	0	2940	0	0	4790	0	0	10200	10200
Total Mercury	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Mercury	UG/L	Maximum	0	0	<0.026	0	0	<0.026	0	0	<0.026	0	0	<0.026	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0.013	0	0	0.013	0	0	0.013	0	0	0.013	0.013
Total Nickel	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Nickel	UG/L	Maximum	0	0	10	0	0	10	0	0	3	0	0	30	30
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	10	0	0	10	0	0	3	0	0	30	30
Total Ammonia	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Ammonia	MG/L	Maximum	0	0	0.1	0	0	<0.03	0	0	0.06	0	0	0.03	0.1
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0.1	0	0	0.015	0	0	0.06	0	0	0.03	0.1

TABLE 25 CONTINUED: Department of Transportation and Infrastructure (Grand Falls) 2024 North Sewer

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Nitrate	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Nitrate	MG/L	Maximum	0	0	0.33	0	0	0.34	0	0	0.27	0	0	0.33	0.34
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0	0	0.33	0	0	0.34	0	0	0.27	0	0	0.33	0.34
Orthophosphate	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	<0.01	0	0	<0.01	0	0	<0.01	0	0	<0.01	<0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0.005	0	0	0.005	0	0	0.005	0	0	0.005	0.005
Total Lead	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Lead	UG/L	Maximum	0	0	1.7	0	0	1	0	0	1.3	0	0	4.1	4.1
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	1.7	0	0	1	0	0	1.3	0	0	4.1	4.1
pH	PH UNITS	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
pH	PH UNITS	Maximum	0	0	6.80	0	0	7.37	0	0	8.11	0	0	7.16	8.11
pH	PH UNITS	Minimum	0	0	6.80	0	0	7.37	0	0	8.11	0	0	7.16	6.80
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Phenolics	MG/L	Maximum	0	0	0.003	0	0	<0.001	0	0	<0.001	0	0	0.002	0.003
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0.003	0	0	0.0005	0	0	0.0005	0	0	0.002	0.003
Total Selenium	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Selenium	UG/L	Maximum	0	0	<1	0	0	<1	0	0	<1	0	0	1	1
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0.5	0	0	0.5	0	0	0.5	0	0	1	1
Sulphide	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Sulphide	MG/L	Maximum	0	0	<0.05	0	0	<0.05	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	0.025	0	0	0.025	0	0	0.025	0	0	0.025	0.025
TDS Measured	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
TDS Measured	MG/L	Maximum	0	0	414	0	0	358	0	0	458	0	0	593	593
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
TDS Measured	MG/L	Monthly Average	0	0	414	0	0	358	0	0	458	0	0	593	593
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	<0.1	0	0	<0.1	0	0	<0.1	0	0	<0.1	<0.1
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0.05
TSS	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
TSS	MG/L	Maximum	0	0	12	0	0	17	0	0	20	0	0	24	24
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	12	0	0	17	0	0	20	0	0	24	24
Total Zinc	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Zinc	UG/L	Maximum	0	0	96	0	0	88	0	0	27	0	0	317	317
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	96	0	0	88	0	0	27	0	0	317	317

TABLE 26: Firefly Metals Limited 2024 No. 2 Polishing Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	1	1	1	1	1	0	0	0	1	1	0	7
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	1	1	1	1	1	0	0	0	1	1	0	7
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	1	1	1	1	1	0	0	0	1	1	0	7
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	1	1	1	1	1	0	0	0	1	1	0	7
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Total Arsenic	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0	0	<0.002	0.0020	0	0.0020
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0	0	0.0010	0.0013	0	0.0013
Cyanide (SAD)	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Cyanide (SAD)	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0	0	<0.002	<0.002	0	<0.002
Cyanide (SAD)	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0	0	0.001	0.001	0	0.001
Total Copper	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Total Copper	MG/L	Maximum	0.1210	0.1410	0.1210	0.1500	0.1290	0.1090	0.0710	0	0	0.056	0.0940	0	0.1500
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.1146	0.1390	0.1153	0.0763	0.0853	0.0983	0.0697	0	0	0.0425	0.0715	0	0.1390
Un-ionized Ammonia	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Un-ionized Ammonia	MG/L	Maximum	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0	0	<0.05	<0.05	0	<0.05
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0	0	0.025	0.025	0	0.025
Total Nickel	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Total Nickel	MG/L	Maximum	0.0040	<0.009	0.0040	<0.009	0.0040	<0.002	<0.009	0	0	<0.009	0.0040	0	<0.009
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0038	0.0043	0.0038	0.0026	0.0018	0.0010	0.0022	0	0	0.0019	0.0020	0	0.0043
Total Lead	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Total Lead	MG/L	Maximum	0.0059	0.0049	0.0046	0.0035	0.0020	0.0007	0.0018	0	0	0.0009	0.0060	0	0.0060
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0042	0.0048	0.0040	0.0013	0.0012	0.0004	0.0017	0	0	0.0007	0.0029	0	0.0048
pH	PH UNITS	# of Samples	7	2	4	4	4	4	3	0	0	4	5	0	37
pH	PH UNITS	Maximum	7.23	6.54	7.29	7.68	7.60	7.56	7.24	0	0	8.17	7.23	0	8.17
pH	PH UNITS	Minimum	6.23	6.16	6.17	6.72	7.18	6.13	6.15	0	0	6.72	6.47	0	6.13
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Radium-226	BQ/L	Maximum	0.007	<0.005	<0.005	0.020	0.009	<0.04	0.008	0	0	0.006	<0.005	0	<0.040
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.003	0.003	0.003	0.009	0.004	0.009	0.004	0	0	0.004	0.003	0	0.009

TABLE 26 CONTINUED: Firefly Metals Limited 2024 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	5	2	4	4	4	4	3	0	0	4	4	0	34
TSS	MG/L	Maximum	<2	<2	<2	<5	<2	<2	<2	0	0	<2	<2	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	1.0	1.0	1.0	1.4	1.0	1.0	1.0	0	0	1.0	1.0	0	1.4
Total Zinc	MG/L	# of Samples	5	2	4	4	4	4	3	0	0	4	4	0	34
Total Zinc	MG/L	Maximum	0.184	0.213	0.202	0.457	0.479	0.016	0.112	0	0	0.100	0.138	0	0.479
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.172	0.209	0.191	0.177	0.168	0.015	0.111	0	0	0.073	0.111	0	0.209

TABLE 27: Firefly Metals Limited 2024 Treated Mine Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	1	1	1	1	1	1	1	1	1	2	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	1	1	1	1	1	1	1	1	1	2	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	1	1	1	1	1	1	1	1	1	1	1	11
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	1	1	1	1	1	1	1	1	1	1	1	11
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Total Arsenic	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	<0.003	<0.003
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0011
Cyanide	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Cyanide	MG/L	Maximum	<0.002	0.0090	0.0030	<0.002	<0.002	<0.002	0.0020	<0.002	<0.002	<0.002	<0.002	<0.002	0.0090
Cyanide	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide	MG/L	Monthly Average	0.0010	0.0026	0.0015	0.0010	0.0010	0.0010	0.0013	0.0010	0.0010	0.0010	0.0010	0.0010	0.0026
Total Copper	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Total Copper	MG/L	Maximum	0.0190	0.0480	<0.001	<0.001	<0.001	<0.001	0.0540	<0.001	0.0010	0.0520	0.0040	0.0240	0.0540
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0080	0.0109	0.0005	0.0005	0.0005	0.0005	0.0139	0.0005	0.0008	0.0185	0.0033	0.0054	0.0185
Un-ionized Ammonia	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Un-ionized Ammonia	MG/L	Maximum	<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
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	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	0.025	0.025

TABLE 27 CONTINUED: Firefly Metals Limited 2024 Treated Mine Effluent

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Nickel	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Total Nickel	MG/L	Maximum	<0.002	<0.009	<0.002	<0.009	<0.002	<0.002	<0.009	<0.002	<0.002	<0.009	<0.002	0.005	0.005
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0010	0.0017	0.0010	0.0019	0.0010	0.0010	0.0019	0.0010	0.0010	0.0019	0.0010	0.0018	0.0019
Total Lead	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
			<0.000		<0.000	<0.000		<0.000	<0.000		<0.000		<0.000		
Total Lead	MG/L	Maximum	5	0.0017	5	5	0.0007	5	5	<0.001	5	0.0009	5	0.001	0.0017
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
			0.0002	0.0006	0.0002	0.0002	0.0003	0.0002	0.0002	0.0003	0.0002	0.0004	0.0002	0.0004	0.0006
Total Lead	MG/L	Monthly Average	5	1	5	5	4	5	5	8	5	1	5	0	1
pH	PH UNITS	# of Samples	7	5	4	3	5	4	4	4	4	4	6	6	56
pH	PH UNITS	Maximum	8.24	7.91	7.99	8.10	8.16	7.87	8.06	8.19	8.25	7.69	7.52	8.22	8.25
pH	PH UNITS	Minimum	6.47	6.87	7.52	7.52	7.22	6.96	6.32	8.14	7.60	6.71	6.77	7.18	6.32
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Radium-226	BQ/L	Maximum	0.010	0.020	0.020	0.020	0.020	0.050	0.010	0.030	0.020	0.006	<0.005	0.020	0.050
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.007	0.013	0.014	0.018	0.010	0.019	0.009	0.013	0.015	0.003	0.003	0.010	0.019
TSS	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
TSS	MG/L	Maximum	5.0	<2	<2	<5	<2	<2	3.0	<2	<2	<2	<2	<2	5.0
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.8	1.0	1.0	1.4	1.0	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.8
Total Zinc	MG/L	# of Samples	5	5	4	4	5	4	4	4	4	4	4	5	52
Total Zinc	MG/L	Maximum	0.141	0.082	<0.005	0.005	0.013	0.006	0.276	0.015	0.007	0.099	<0.005	0.040	0.276
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.054	0.021	0.003	0.003	0.007	0.003	0.071	0.007	0.004	0.051	0.003	0.014	0.071

TABLE 28: GFL Environmental Services 2024 Waste Water Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Boron	UG/L	Maximum	580	<50	530	430	290	180	160	300	230	230	270	200	580
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	467	25	445	264	180	131	98	250	220	170	240	195	467
Cyanide (SAD)	MG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Cyanide (SAD)	MG/L	Maximum	<0.0050	<0.0050	<0.0050	<0.0050	0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.01
Cyanide (SAD)	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0025	0.0025	0.0025	0.005	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.005
Total Cadmium	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Cadmium	UG/L	Maximum	0.21	0.036	2.1	0.53	4.8	<0.10	0.1	0.067	<0.10	<0.10	0.13	0.054	4.8
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.1033	0.0360	1.0750	0.2810	1.6687	0.0297	0.0533	0.0500	0.0500	0.0365	0.0900	0.0520	1.6687
Total Chromium	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Chromium	UG/L	Maximum	1.3	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	1.7
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	1.2	0.5	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.2
Total Copper	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Copper	UG/L	Maximum	1.8	0.61	0.62	0.96	55	2.4	1.5	2.3	1.6	2.2	1.7	2.2	55
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	1.19	0.61	0.44	0.95	19.00	1.73	1.00	2.00	1.09	1.95	1.18	2.00	19.00
Total Iron	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Iron	UG/L	Maximum	1900	1400	480	1100	390	120	2100	1700	820	430	880	890	2100
Total Iron	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	1033	1400	375	584	257	97	1007	907	780	360	481	585	1400
Total Mercury	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Mercury	UG/L	Maximum	<0.013	<0.013	<0.013	<0.013	0.21	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	<0.013	0.21
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0065	0.0065	0.0065	0.0065	0.0743	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0065	0.0743
Total Nickel	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Nickel	UG/L	Maximum	23	3.5	25	17	6.1	6.5	6.1	11	7.1	6.4	9.8	7.8	25
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	21.0	3.5	21.0	10.4	4.0	4.7	3.4	8.1	7.0	5.1	8.4	6.9	21.0
Total Lead	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Lead	UG/L	Maximum	3.6	<0.50	1.3	1.2	25	<0.50	0.52	0.64	<0.50	0.93	0.75	0.61	25
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	1.68	0.25	0.78	0.73	8.59	0.25	0.34	0.38	0.25	0.59	0.50	0.43	8.59
pH	PH UNITS	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
pH	PH UNITS	Maximum	7.05	7.08	7.38	7.59	7.93	7.62	7.46	7.36	7.55	7.1	7.06	7.01	7.93
pH	PH UNITS	Minimum	6.66	7.08	6.87	7.09	6.85	7.3	6.78	7.21	7.34	6.8	6.93	6.87	6.66
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 28 CONTINUED: GFL Environmental Services 2024 Waste Water Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Phenolics	MG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Phenolics	MG/L	Maximum	0.25	0.0051	0.03	0.058	0.019	0.021	0.013	0.033	0.024	0.019	0.013	0.023	0.25
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.1353	0.0051	0.0260	0.0340	0.0160	0.0163	0.0084	0.0243	0.0207	0.0131	0.0120	0.0225	0.1353
Total Phosphates as P2O5	MG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Phosphates as P2O5	MG/L	Maximum	1.3	<0.050	1	0.97	2.2	0.61	0.63	0.9	0.86	0.82	0.69	0.66	2.2
Total Phosphates as P2O5	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	1.02	0.03	0.98	0.69	0.96	0.45	0.36	0.71	0.66	0.61	0.66	0.63	1.02
TPH (Atlantic PIRI)	MG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
TPH (Atlantic PIRI)	MG/L	Maximum	0.31	0.42	0.5	0.36	3	0.95	0.45	1.1	1.1	1.5	0.32	0.46	3
TPH (Atlantic PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.22	0.42	0.27	0.20	1.24	0.83	0.18	0.81	0.95	1.02	0.18	0.43	1.24
TSS	MG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
TSS	MG/L	Maximum	9	4	21	8	9.4	1.4	9	8.4	4	2.4	3.1	4	21
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	5.9	4.0	12.3	4.6	4.4	1.1	4.2	5.2	3.4	1.5	2.3	2.3	12.3
Total Zinc	UG/L	# of Samples	3	1	2	2	3	3	3	3	3	2	2	2	29
Total Zinc	UG/L	Maximum	110	120	410	97	280	55	55	78	61	74	120	110	410
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	84.0	120.0	230.0	66.0	117.7	43.7	36.6	67.7	56.3	56.5	94.0	85.0	230.0

TABLE 29: Halifax C&D 2024 Collection Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Silver	UG/L	Maximum	0	0	0	<0.10	0	0	0	0	<0.10	0	0	0	<0.10
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05
Total Arsenic	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Arsenic	UG/L	Maximum	0	0	0	<1.0	0	0	0	0	<1.0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0.5	0	0	0	0	0.5	0	0	0	0.5
Total Barium	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Barium	UG/L	Maximum	0	0	0	23	0	0	0	0	13	0	0	0	23
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	0	0	0	23	0	0	0	0	13	0	0	0	23
Total Boron	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Boron	UG/L	Maximum	0	0	0	<50	0	0	0	0	<50	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	25	0	0	0	0	25	0	0	0	25
CBOD	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
CBOD	MG/L	Maximum	0	0	0	<10	0	0	0	0	<5.0	0	0	0	<10
CBOD	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
CBOD	MG/L	Monthly Average	0	0	0	5	0	0	0	0	2.5	0	0	0	5
Cyanide (SAD)	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Cyanide (SAD)	MG/L	Maximum	0	0	0	<0.0050	0	0	0	0	<0.0050	0	0	0	<0.0050
Cyanide (SAD)	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0	0	0	0.0025	0	0	0	0	0.0025	0	0	0	0.0025
Total Cadmium	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Cadmium	UG/L	Maximum	0	0	0	0.025	0	0	0	0	<0.010	0	0	0	0.025
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0.025	0	0	0	0	0.005	0	0	0	0.025
Total Chromium	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Chromium	UG/L	Maximum	0	0	0	<1.0	0	0	0	0	<1.0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0.5	0	0	0	0	0.5	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Copper	UG/L	Maximum	0	0	0	3.7	0	0	0	0	8.6	0	0	0	8.6
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	3.7	0	0	0	0	8.6	0	0	0	8.6
Total Iron	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Iron	UG/L	Maximum	0	0	0	300	0	0	0	0	250	0	0	0	300
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	300	0	0	0	0	250	0	0	0	300

TABLE 29 CONTINUED: Halifax C&D 2024 Collection Pond

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Mercury	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Mercury	UG/L	Maximum	0	0	0	<0.013	0	0	0	0	<0.013	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.0065	0	0	0	0	0.0065	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Nickel	UG/L	Maximum	0	0	0	<2.0	0	0	0	0	<2.0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	1	0	0	0	0	1	0	0	0	1
Total Lead	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Lead	UG/L	Maximum	0	0	0	0.56	0	0	0	0	<0.50	0	0	0	0.56
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0.56	0	0	0	0	0.25	0	0	0	0.56
pH	PH UNITS	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
pH	PH UNITS	Maximum	0	0	0	7.05	0	0	0	0	7.50	0	0	0	7.50
pH	PH UNITS	Minimum	0	0	0	7.05	0	0	0	0	7.50	0	0	0	7.05
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Phenolics	MG/L	Maximum	0	0	0	0.001	0	0	0	0	0.0013	0	0	0	0.0013
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.001	0	0	0	0	0.0013	0	0	0	0.0013
Total Phosphates as P2O5	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Phosphates as P2O5	MG/L	Maximum	0	0	0	<0.050	0	0	0	0	<0.050	0	0	0	<0.050
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	0	0	0	0.025	0	0	0	0	0.025	0	0	0	0.025
Total Selenium	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Selenium	UG/L	Maximum	0	0	0	<0.50	0	0	0	0	<0.50	0	0	0	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0.25	0	0	0	0	0.25	0	0	0	0.25
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0.13	0	0	0	0	<0.090	0	0	0	0.13
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0.13	0	0	0	0	0.045	0	0	0	0.13
Total Suspended Solids	MG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Suspended Solids	MG/L	Maximum	0	0	0	2.6	0	0	0	0	2.2	0	0	0	2.6
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	0	2.6	0	0	0	0	2.2	0	0	0	2.6
Total Zinc	UG/L	# of Samples	0	0	0	1	0	0	0	0	1	0	0	0	2
Total Zinc	UG/L	Maximum	0	0	0	100	0	0	0	0	77	0	0	0	100
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	100	0	0	0	0	77	0	0	0	100

TABLE 30: Iron Ore Company of Canada (Labrador City) 2024 FDP-DW25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Total Arsenic	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0005	0.0005	0.0005	0.0005	0.0005
Total Copper	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Total Copper	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.00025	0.00025	0.00025	0.00025	0.00025
Un-ionized Ammonia	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Un-ionized Ammonia	MG/L	Maximum	0	0	0	0	0	0	0	0	0.0063	0.0740	0.0040	0.0045	0.0740
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0048	0.0223	0.0037	0.0026	0.0223
Total Nickel	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Total Nickel	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.001	0.001	0.001	0.001	0.001
Total Lead	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Total Lead	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
pH	PH UNITS	Maximum	0	0	0	0	0	0	0	0	7.75	7.71	8.00	7.76	8.00
pH	PH UNITS	Minimum	0	0	0	0	0	0	0	0	7.41	7.47	7.51	7.36	7.36
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Radium-226	BQ/L	Maximum	0	0	0	0	0	0	0	0	<0.010	<0.010	<0.010	<0.010	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0	0	0	0	0	0.005	0.005	0.005	0.005	0.005
TSS	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
TSS	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.50	0.7	<0.51	0.7	0.7
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	0.25	0.39	0.25	0.37	0.39
Total Zinc	MG/L	# of Samples	0	0	0	0	0	0	0	0	3	5	4	6	18
Total Zinc	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0050	<0.0050	0.0074	<0.0050	0.0074
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0025	0.0025	0.0037	0.0025	0.0037

TABLE 31: Iron Ore Company of Canada (Labrador City) 2024 FDP-HC

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Total Arsenic	MG/L	Maximum	<0.0010	0.002	<0.0010	0.0012	0.0018	0.0025	0.0025	0.0024	<0.0010	<0.0010	<0.0010	<0.0010	0.0025
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0.0009	0.0005	0.0006	0.0012	0.0019	0.0023	0.0014	0.0005	0.0005	0.0005	0.0005	0.0023
Total Copper	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Total Copper	MG/L	Maximum	0.0006	0.0007	0.0017	0.0013	0.0011	0.0015	0.0010	<0.0005	0.0007	0.0007	<0.0005	<0.0005	0.0017
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0003	0.0004	0.0006	0.0006	0.0008	0.0009	0.0007	0.0003	0.0005	0.0004	0.0003	0.0003	0.0009
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Un-ionized Ammonia	MG/L	Maximum	0.0330	0.0330	0.0250	0.0430	0.0440	0.0650	0.0550	0.0930	0.0480	0.0290	0.0008	0.0005	0.0930
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0127	0.0097	0.0083	0.0204	0.0395	0.0475	0.0442	0.0575	0.0266	0.0161	0.0005	0.0003	0.0575
Total Nickel	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Total 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
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Lead	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Total 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
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
pH	PH UNITS	Maximum	8.32	8.14	8.22	8.17	8.04	8.20	8.50	8.09	8.06	8.02	8.13	8.23	8.50
pH	PH UNITS	Minimum	8.04	8.08	8.01	8.04	8.00	7.89	7.71	7.95	7.91	7.80	7.98	7.94	7.71
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Radium-226	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
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
TSS	MG/L	Maximum	0.9	0.8	1	19	18	7.3	1.3	2.9	1.5	0.9	0.5	0.6	19
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.50	0.39	0.61	6.87	7.88	2.30	0.65	1.73	0.98	0.47	0.31	0.37	7.88
Total Zinc	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	3	51
Total Zinc	MG/L	Maximum	0.0075	<0.0050	<0.0050	0.0051	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0075
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0035	0.0025	0.0025	0.0030	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0035

TABLE 32: Iron Ore Company of Canada (Labrador City) 2024 FDP-JN

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total 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	<0.0010	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Copper	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Copper	MG/L	Maximum	0.00077	0.00077	0.00062	0.00059	0.00058	0.00064	0.0017	0.00069	0.00095	<0.0005	<0.0005	0.00063	0.0017
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00043	0.00057	0.00041	0.00048	0.00049	0.00049	0.00067	0.00043	0.00053	0.00025	0.00025	0.00046	0.00067
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Un-ionized Ammonia	MG/L	Maximum	<0.0004	<0.0004	<0.0005	0.0005	<0.0004	<0.0017	0.0022	0.0100	<0.0100	0.0040	0.0006	0.0005	0.0100
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0002	0.0002	0.0002	0.0004	0.0002	0.0004	0.0010	0.0043	0.0024	0.0012	0.0003	0.0003	0.0043
Total Nickel	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total 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
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Lead	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total 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
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
pH	PH UNITS	Maximum	8.08	8.09	8.05	8.02	7.92	7.91	8.17	8.46	8.50	8.14	8.00	8.21	8.50
pH	PH UNITS	Minimum	7.87	7.94	7.96	7.87	7.74	7.58	7.93	7.94	7.74	7.87	7.91	7.94	7.58
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Radium-226	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
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
TSS	MG/L	Maximum	0.8	0.6	2	1.8	4.6	5.7	4.5	11	3.9	3.7	1.7	1.3	11
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.50	0.49	1.01	0.90	3.28	3.05	2.09	4.45	2.05	2.54	1.35	0.94	4.45
Total Zinc	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Zinc	MG/L	Maximum	<0.0050	<0.0050	<0.0050	0.0088	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0088
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0025	0.0025	0.0025	0.0038	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0038

TABLE 33: Iron Ore Company of Canada (Labrador City) 2024 FDP-LLN

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	1	1	0	0	0	0	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	0	1	1	0	0	0	0	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	1	1	0	0	0	0	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	0	1	1	0	0	0	0	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Total Arsenic	MG/L	Maximum	0	0	0	0	0	<0.0010	<0.0010	<0.0010	0	0	0	0	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0	0	0.0005	0.0005	0.0005	0	0	0	0	0.0005
Total Copper	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Total Copper	MG/L	Maximum	0	0	0	0	0	0.0011	0.00085	0.00056	0	0	0	0	0.0011
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0	0	0.00110	0.00042	0.00035	0	0	0	0	0.00110
Un-ionized Ammonia	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Un-ionized Ammonia	MG/L	Maximum	0	0	0	0	0	0.0052	0.008	<0.0063	0	0	0	0	0.008
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0	0	0	0	0	0.0052	0.0039	0.0024	0	0	0	0	0.0052
Total Nickel	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Total Nickel	MG/L	Maximum	0	0	0	0	0	<0.002	<0.002	<0.002	0	0	0	0	<0.002
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0	0	0.001	0.001	0.001	0	0	0	0	0.001
Total Lead	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Total Lead	MG/L	Maximum	0	0	0	0	0	<0.0005	<0.0005	<0.0005	0	0	0	0	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0	0	0	0.00025	0.00025	0.00025	0	0	0	0	0.00025
pH	PH UNITS	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
pH	PH UNITS	Maximum	0	0	0	0	0	8.52	8.64	8.66	0	0	0	0	8.66
pH	PH UNITS	Minimum	0	0	0	0	0	8.52	8.5	8.28	0	0	0	0	8.28
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Radium-226	BQ/L	Maximum	0	0	0	0	0	<0.010	<0.010	<0.010	0	0	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0	0	0.005	0.005	0.005	0	0	0	0	0.005
TSS	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
TSS	MG/L	Maximum	0	0	0	0	0	4	4.1	8.6	0	0	0	0	8.6
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	4.0	1.7	4.1	0	0	0	0	4.1
Total Zinc	MG/L	# of Samples	0	0	0	0	0	1	5	3	0	0	0	0	9
Total Zinc	MG/L	Maximum	0	0	0	0	0	0.0120	0.0063	<0.0050	0	0	0	0	0.0120
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0	0	0.0120	0.0033	0.0025	0	0	0	0	0.0120

TABLE 34: Iron Ore Company of Canada (Labrador City) 2024 FDP-MD30

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total 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	<0.0010	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Copper	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Copper	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0008	<0.0005	<0.0005	<0.0005	<0.0005	0.0008
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00038	0.00025	0.00025	0.00025	0.00025	0.00038
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Un-ionized Ammonia	MG/L	Maximum	0.0021	0.0011	0.0014	0.00093	0.0005	<0.0010	<0.0039	0.0065	0.0076	0.004	<0.0017	0.0022	0.0076
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0012	0.0006	0.0007	0.0005	0.0003	0.0004	0.0012	0.0033	0.0036	0.0024	0.0005	0.0010	0.0036
Total Nickel	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total 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
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Lead	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Lead	MG/L	Maximum	<0.0005	<0.0005	<0.0005	0.0035	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0035
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00090	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00090
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
pH	PH UNITS	Maximum	8.47	8.31	8.3	8.23	8.17	8.36	8.52	8.5	8.48	8.43	8.33	8.35	8.52
pH	PH UNITS	Minimum	8.18	8.17	8.11	8.13	7.23	8.13	8.22	8.4	8.38	8.17	7.67	8.27	7.23
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Radium-226	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
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
TSS	MG/L	Maximum	4.9	1.4	0.9	1.8	1.2	1.3	1	1.5	0.9	0.7	1.3	0.8	4.9
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.69	0.60	0.61	0.95	0.60	0.81	0.63	1.10	0.48	0.48	0.60	0.41	1.69
Total Zinc	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Zinc	MG/L	Maximum	0.0098	0.018	<0.0050	0.0068	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.018
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0054	0.0064	0.0025	0.0040	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0064

TABLE 35: Iron Ore Company of Canada (Labrador City) 2024 FDP-MP-06

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	1	1	0	0	0	0	0	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	1	1	0	0	0	0	0	0	2
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	1	1	0	0	0	0	0	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	1	1	0	0	0	0	0	0	2
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Total Arsenic	MG/L	Maximum	0	0	0	0	<0.0010	<0.0010	0	0	0	0	0	0	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0	0.0005	0.0005	0	0	0	0	0	0	0.0005
Total Copper	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Total Copper	MG/L	Maximum	0	0	0	0	0.0014	0.001	0	0	0	0	0	0	0.0014
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0	0.0013	0.0010	0	0	0	0	0	0	0.0013
Un-ionized Ammonia	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Un-ionized Ammonia	MG/L	Maximum	0	0	0	0	0.0004	<0.0004	0	0	0	0	0	0	0.0004
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0	0	0	0	0.0003	0.0002	0	0	0	0	0	0	0.0003
Total Nickel	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Total Nickel	MG/L	Maximum	0	0	0	0	0.0029	0.0023	0	0	0	0	0	0	0.0029
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0	0.0028	0.0023	0	0	0	0	0	0	0.0028
Total Lead	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Total Lead	MG/L	Maximum	0	0	0	0	<0.0005	<0.0005	0	0	0	0	0	0	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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	7.69	7.79	0	0	0	0	0	0	7.79
pH	PH UNITS	Minimum	0	0	0	0	7.63	7.79	0	0	0	0	0	0	7.63
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Radium-226	BQ/L	Maximum	0	0	0	0	<0.010	<0.010	0	0	0	0	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0	0.005	0.005	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	10	5.4	0	0	0	0	0	0	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	0	0	0	8.2	5.4	0	0	0	0	0	0	8.2
Total Zinc	MG/L	# of Samples	0	0	0	0	3	1	0	0	0	0	0	0	4
Total Zinc	MG/L	Maximum	0	0	0	0	0.0063	<0.0050	0	0	0	0	0	0	0.0063
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0	0.0048	0.0025	0	0	0	0	0	0	0.0048

TABLE 36: Iron Ore Company of Canada (Labrador City) 2024 FDP-SL

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	0	0	0	0	1	1	1	1	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Total Arsenic	MG/L	Maximum	0	0	0	0	0	0	0	0	0.0021	0.0020	0.0019	0.0019	0.0021
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0017	0.0017	0.0018	0.0017	0.0018
Total Copper	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Total Copper	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.00050	0.00082	<0.00050	0.00063	0.0008
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0003	0.0004	0.0003	0.0003	0.0004
Un-ionized Ammonia	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Un-ionized Ammonia	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.00097	0.0058	0.0010	0.0004	0.0058
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0003	0.0018	0.0005	0.0002	0.0018
Total Nickel	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Total Nickel	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0010	0.001	0.001	0.001	0.0010
Total Lead	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Total Lead	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	0	0	0	0	1	0	1	1	4	5	3	5	20
pH	PH UNITS	Maximum	0	0	0	0	7.63	0	8.29	7.92	7.99	8.11	8.26	8.15	8.29
pH	PH UNITS	Minimum	0	0	0	0	7.63	0	8.29	7.92	7.91	7.90	7.94	7.96	7.63
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Radium-226	BQ/L	Maximum	0	0	0	0	0	0	0	0	<0.010	<0.010	<0.010	<0.010	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0	0	0	0	0	0	0	0	0.0050	0.005	0.005	0.005	0.0050
TSS	MG/L	# of Samples	0	0	0	0	1	0	1	1	4	5	3	5	20
TSS	MG/L	Maximum	0	0	0	0	0.6	0	0.8	1.3	4.6	1.6	<0.50	<0.50	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	0.6	0	0.8	1.3	1.6	0.9	0.3	0.3	1.6
Total Zinc	MG/L	# of Samples	0	0	0	0	0	0	0	0	4	5	3	5	17
Total Zinc	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0050	0.0090	<0.0050	<0.0050	0.0090
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0025	0.0038	0.0025	0.0025	0.0038

TABLE 37: Iron Ore Company of Canada (Labrador City) 2024 FDP-W3-02

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	1	1	3	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	1	1	3	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	1	1	3	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	1	1	3	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Total Arsenic	MG/L	Maximum	<0.0010	0	0	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0	0	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Total Copper	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Total Copper	MG/L	Maximum	0.00073	0	0	0.0021	0.0034	0.0033	0.0011	0.0012	0.002	0.0025	0.002	0.0021	0.0034
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00072	0	0	0.00195	0.00263	0.00252	0.00090	0.00113	0.00134	0.00206	0.00185	0.00170	0.00263
Un-ionized Ammonia	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Un-ionized Ammonia	MG/L	Maximum	0.024	0	0	0.025	0.07	0.4	0.26	0.26	0.46	0.34	0.11	0.095	0.46
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0235	0	0	0.0165	0.0378	0.2717	0.1558	0.1520	0.2643	0.2228	0.0805	0.0668	0.2717
Total Nickel	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Total Nickel	MG/L	Maximum	<0.0020	0	0	<0.0020	0.0023	0.0042	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0042
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0	0	0.001	0.0016	0.00212	0.001	0.001	0.001	0.001	0.001	0.001	0.00212
Total Lead	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Total Lead	MG/L	Maximum	<0.0005	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0	0	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
pH	PH UNITS	Maximum	7.97	0	0	7.91	7.82	8.10	7.95	7.93	7.94	7.96	7.94	8.03	8.10
pH	PH UNITS	Minimum	7.93	0	0	7.85	7.60	7.83	7.81	7.69	7.81	7.78	7.86	7.93	7.60
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Radium-226	BQ/L	Maximum	<0.010	0	0	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0	0	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
TSS	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
TSS	MG/L	Maximum	0.9	0	0	3.7	16	4.8	2.2	6.9	1.4	1.2	1.3	0.7	16
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0.575	0	0	3	9.05	2.6	1.18	3.3875	0.8125	0.94	0.8125	0.425	9.05
Total Zinc	MG/L	# of Samples	2	0	0	2	4	6	5	4	4	5	4	4	40
Total Zinc	MG/L	Maximum	0.0057	0	0	<0.0050	0.0068	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0068
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0041	0	0	0.0025	0.0036	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0041

TABLE 38: Iron Ore Company of Canada (Labrador City) 2024 MD5

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	0	0	1
pH	PH UNITS	Maximum	0	0	0	0	7.37	0	0	0	0	0	0	0	7.37
pH	PH UNITS	Minimum	0	0	0	0	7.37	0	0	0	0	0	0	0	7.37
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	1	0	0	0	0	0	0	0	1
TSS	MG/L	Maximum	0	0	0	0	0.9	0	0	0	0	0	0	0	0.9
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	0.9	0	0	0	0	0	0	0	0.9

TABLE 39: Iron Ore Company of Canada (Labrador City) 2024 PD19

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	0	0	0	4
pH	PH UNITS	Maximum	0	0	0	0	7.94	0	8.53	8	8.05	0	0	0	8.53
pH	PH UNITS	Minimum	0	0	0	0	7.94	0	8.53	8	8.05	0	0	0	7.94
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	1	0	1	1	1	0	0	0	4
TSS	MG/L	Maximum	0	0	0	0	3.9	0	0.6	8.2	1	0	0	0	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	0	0	0	0	3.9	0	0.6	8.2	1	0	0	0	8.2

TABLE 40: Iron Ore Company of Canada (Labrador City) 2024 PD25

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	0	0	0	4
pH	PH UNITS	Maximum	0	0	0	0	8.26	0	8.54	8.10	8.22	0	0	0	8.54
pH	PH UNITS	Minimum	0	0	0	0	8.26	0	8.54	8.10	8.22	0	0	0	8.10
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	1	0	1	1	1	0	0	0	4
TSS	MG/L	Maximum	0	0	0	0	4	0	2.6	0.5	0.9	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	4	0	2.6	0.5	0.9	0	0	0	4

TABLE 41: Iron Ore Company of Canada (Labrador City) 2024 PD35

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	0	0	0	4
pH	PH UNITS	Maximum	0	0	0	0	6.39	0	7.08	6.11	6.88	0	0	0	7.08
pH	PH UNITS	Minimum	0	0	0	0	6.39	0	7.08	6.11	6.88	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
Total Suspended Solids	MG/L	# of Samples	0	0	0	0	1	0	1	1	1	0	0	0	4
Total Suspended Solids	MG/L	Maximum	0	0	0	0	0.6	0	<0.50	<0.50	<0.50	0	0	0	0.6
Total Suspended Solids	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Suspended Solids	MG/L	Monthly Average	0	0	0	0	0.6	0	0.25	0.25	0.25	0	0	0	0.6

TABLE 42: Labatt Breweries Newfoundland (St. John's) 2024 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Boron	UG/L	Maximum	29	0	0	0	31	15	0	0	11	0	0	<5	31
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	29	0	0	0	31	15	0	0	11	0	0	2.5	31
BOD	MG/L	# of Samples	4	2	4	4	5	4	5	5	4	3	4	4	48
BOD	MG/L	Maximum	2760	2420	3560	3070	1960	1910	2190	3690	2360	4390	5030	2210	5030
BOD	MG/L	Exceedance(>300)	4	2	4	4	5	4	5	5	4	3	3	4	47
BOD	MG/L	Monthly Average	1362	2015	1938	1725	1225	1290	1090	2044	1348	3563	2479	1327	3563
Total Cadmium	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Cadmium	UG/L	Maximum	<0.090	0	0	0	<0.09	<0.09	0	0	<0.09	0	0	<0.09	<0.09
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.045	0	0	0	0.045	0.045	0	0	0.045	0	0	0.045	0.045
Total Chromium	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Chromium	UG/L	Maximum	<2	0	0	0	4	2	0	0	11	0	0	5	11
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	1	0	0	0	4	2	0	0	11	0	0	5	11
Total Copper	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Copper	UG/L	Maximum	15	0	0	0	46	37	0	0	162	0	0	56	162
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	15	0	0	0	46	37	0	0	162.0	0	0	56	162
Total Iron	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Iron	UG/L	Maximum	277	0	0	0	560	629	0	0	1260	0	0	437	1260
Total Iron	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	277	0	0	0	560	629	0	0	1260	0	0	437	1260
Total Mercury	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Mercury	UG/L	Maximum	<0.026	0	0	0	0.038	<0.026	0	0	0.038	0	0	<0.026	0.038
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.013	0	0	0	0.038	0.013	0	0	0.04	0	0	0.013	0.04
Total Nickel	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Nickel	UG/L	Maximum	2	0	0	0	5	3	0	0	8	0	0	4	8
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	2	0	0	0	5	3	0	0	8	0	0	4	8
Orthophosphate	MG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Orthophosphate	MG/L	Maximum	<0.01	0	0	0	1.85	1.25	0	0	3.07	0	0	4.19	4.19
Orthophosphate	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.005	0	0	0	1.85	1.25	0	0	3.07	0	0	4.19	4.19
Total Lead	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Lead	UG/L	Maximum	0.9	0	0	0	1.9	4.2	0	0	7.2	0	0	2.1	7.2
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0.9	0	0	0	1.9	4.2	0	0	7.2	0	0	2.1	7.2

TABLE 42 CONTINUED: Labatt Breweries Newfoundland (St. John's) 2024 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	6	3	4	4	6	5	5	5	5	3	4	6	56
pH	PH UNITS	Maximum	11.44	7.01	6.79	11.1	7.33	5.81	10.6	10.55	10.3	7.28	5.8	10.5	11.44
pH	PH UNITS	Minimum	6.14	5.89	6.13	6.25	4.87	4.87	5.12	5.29	5.75	4.39	3.8	6.16	3.8
pH	PH UNITS	Exceedance(<5.5,>9.0)	1	0	0	2	1	3	3	3	2	2	3	1	21
Phenolics	MG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Phenolics	MG/L	Maximum	0.002	0	0	0	0.006	0.008	0	0	0.013	0	0	0.012	0.013
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.002	0	0	0	0.006	0.008	0	0	0.013	0	0	0.012	0.013
Phosphates (total)	MG/L	# of Samples	4	3	4	4	5	3	5	4	0	3	1	5	41
Phosphates (total)	MG/L	Maximum	7.86	11.7	21.3	10.8	6.28	10	9.11	6.26	0	18.5	11	13.4	21.3
Phosphates (total)	MG/L	Exceedance(>13.5)	0	0	1	0	0	0	0	0	0	1	0	0	2
Phosphates (total)	MG/L	Monthly Average	4	7	12	10	5	5	7	5	0	11	11	11	12
Total Phosphates as P2O5	MG/L	# of Samples	4	3	4	4	5	4	5	5	4	3	4	5	50
Total Phosphates as P2O5	MG/L	Maximum	18	26.8	48.8	24.7	14.4	22.9	20.9	36.5	46.3	42.4	25.7	30.7	48.8
Total Phosphates as P2O5	MG/L	Exceedance(>10)	1	2	4	4	4	2	4	4	4	2	3	5	39
Total Phosphates as P2O5	MG/L	Monthly Average	9.6	16.8	27.9	22.5	11.3	12.9	15.2	16.0	20.8	24.4	17.1	24.1	27.9
TSS	MG/L	# of Samples	6	3	4	4	6	5	5	5	5	3	4	6	56
TSS	MG/L	Maximum	1330	222	288	240	176	192	202	790	258	81	712	530	1330
TSS	MG/L	Exceedance(>350)	1	0	0	0	0	0	0	1	0	0	1	1	4
TSS	MG/L	Monthly Average	271.2	130.7	182.3	143.5	95.0	94.4	131.2	256.4	122.2	64.0	289.5	216.0	289.5
Total Zinc	UG/L	# of Samples	2	0	0	0	1	1	0	0	1	0	0	1	6
Total Zinc	UG/L	Maximum	298	0	0	0	257	106	0	0	271	0	0	142	298
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	298	0	0	0	257	106	0	0	271	0	0	142	298

TABLE 43: Marine Contractors Incorporated (Stephenville) 2024 Lagoon

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Silver	UG/L	Maximum	<0.1	0	0	0	0	0	<0.1	0	0	0	0	0	<0.1
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0.05
Total Arsenic	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Arsenic	UG/L	Maximum	<2	0	0	0	0	0	<2	0	0	0	0	0	<2
Total Arsenic	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	1	0	0	0	0	0	1	0	0	0	0	0	1
Total Barium	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Barium	UG/L	Maximum	227	0	0	0	0	0	171	0	0	0	0	0	227
Total Barium	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	UG/L	Monthly Average	227	0	0	0	0	0	171	0	0	0	0	0	227
Total Boron	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Boron	UG/L	Maximum	22	0	0	0	0	0	11	0	0	0	0	0	22
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	22	0	0	0	0	0	11	0	0	0	0	0	22

TABLE 43 CONTINUED: Marine Contractors Incorporated (Stephenville) 2024 Lagoon

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
BOD	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
BOD	MG/L	Maximum	2	0	0	0	0	0	<2	0	0	0	0	0	2
BOD	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	2	0	0	0	0	0	1	0	0	0	0	0	2
Total Cyanide	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Cyanide	MG/L	Maximum	<0.002	0	0	0	0	0	<0.002	0	0	0	0	0	<0.002
Total Cyanide	MG/L	Exceedance(>0.025)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cyanide	MG/L	Monthly Average	0.001	0	0	0	0	0	0.001	0	0	0	0	0	0.001
Total Cadmium	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Cadmium	UG/L	Maximum	<0.09	0	0	0	0	0	<0.09	0	0	0	0	0	<0.09
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.045	0	0	0	0	0	0.045	0	0	0	0	0	0.045
Total Chromium	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Chromium	UG/L	Maximum	<2	0	0	0	0	0	2	0	0	0	0	0	2
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	1	0	0	0	0	0	2	0	0	0	0	0	2
Total Copper	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Copper	UG/L	Maximum	<2	0	0	0	0	0	<1	0	0	0	0	0	<2
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	1	0	0	0	0	0	0.5	0	0	0	0	0	1
Total Iron	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Iron	UG/L	Maximum	<50	0	0	0	0	0	1420	0	0	0	0	0	1420
Total Iron	UG/L	Exceedance(>10000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	25	0	0	0	0	0	1420	0	0	0	0	0	1420
Total Mercury	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Mercury	UG/L	Maximum	<0.026	0	0	0	0	0	<0.026	0	0	0	0	0	<0.026
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.013	0	0	0	0	0	0.013	0	0	0	0	0	0.013
Total Nickel	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Nickel	UG/L	Maximum	<2	0	0	0	0	0	2	0	0	0	0	0	2
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	1	0	0	0	0	0	2	0	0	0	0	0	2
Total Ammonia	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Ammonia	MG/L	Maximum	<0.03	0	0	0	0	0	<0.03	0	0	0	0	0	<0.03
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0.015	0	0	0	0	0	0.015	0	0	0	0	0	0.015
Total Nitrate	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Nitrate	MG/L	Maximum	0.08	0	0	0	0	0	<0.05	0	0	0	0	0	0.08
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0.08	0	0	0	0	0	0.025	0	0	0	0	0	0.08

TABLE 43 CONTINUED: Marine Contractors Incorporated (Stephenville) 2024 Lagoon

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Orthophosphate	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Orthophosphate	MG/L	Maximum	<0.01	0	0	0	0	0	<0.01	0	0	0	0	0	<0.01
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.005	0	0	0	0	0	0.005	0	0	0	0	0	0.005
Total Lead	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Lead	UG/L	Maximum	<0.5	0	0	0	0	0	1.1	0	0	0	0	0	1.1
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0.25	0	0	0	0	0	1.1	0	0	0	0	0	1.1
pH	PH UNITS	# of Samples	2	0	0	0	0	0	1	0	0	0	0	0	3
pH	PH UNITS	Maximum	7.26	0	0	0	0	0	6.79	0	0	0	0	0	7.26
pH	PH UNITS	Minimum	7.26	0	0	0	0	0	6.79	0	0	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
Phenolics	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Phenolics	MG/L	Maximum	0.002	0	0	0	0	0	0.001	0	0	0	0	0	0.002
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.002	0	0	0	0	0	0.001	0	0	0	0	0	0.002
Total Selenium	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Selenium	UG/L	Maximum	<1	0	0	0	0	0	<1	0	0	0	0	0	<1
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0.5
Sulphide	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Sulphide	MG/L	Maximum	<0.05	0	0	0	0	0	<0.05	0	0	0	0	0	<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	0.025	0	0	0	0	0	0.025	0	0	0	0	0	0.025
Calculated TDS	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Calculated TDS	MG/L	Maximum	304	0	0	0	0	0	310	0	0	0	0	0	310
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	304	0	0	0	0	0	310	0	0	0	0	0	310
TPH (Atlantic PIRI)	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
TPH (Atlantic PIRI)	MG/L	Maximum	<0.1	0	0	0	0	0	1.5	0	0	0	0	0	1.5
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.05	0	0	0	0	0	1.5	0	0	0	0	0	1.5
TSS	MG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
TSS	MG/L	Maximum	<5	0	0	0	0	0	<5	0	0	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	2.5	0	0	0	0	0	2.5	0	0	0	0	0	2.5
Total Zinc	UG/L	# of Samples	1	0	0	0	0	0	1	0	0	0	0	0	2
Total Zinc	UG/L	Maximum	<5	0	0	0	0	0	6	0	0	0	0	0	6
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	2.5	0	0	0	0	0	6	0	0	0	0	0	6

TABLE 44: Maritime Resources Corporation 2024 Polishing Pond (FDP)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Total 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	<0.0010	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Cyanide	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Cyanide	MG/L	Maximum	<0.0050	0.0220	0.0150	0.0099	0.0850	0.0130	0.0120	0.0073	<0.0050	0.0095	0.0074	0.0077	0.0850
Cyanide	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide	MG/L	Monthly Average	0.0025	0.0220	0.0140	0.0063	0.0563	0.0072	0.0053	0.0035	0.0025	0.0039	0.0037	0.0063	0.0563
Total Copper	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Total Copper	MG/L	Maximum	0.0071	0.0098	0.0112	0.0141	0.0100	0.0093	0.0779	0.0092	0.0081	0.0204	0.0158	0.0085	0.0779
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0071	0.0098	0.0092	0.0107	0.0091	0.0073	0.0210	0.0063	0.0062	0.0085	0.0086	0.0062	0.0210
Total Nickel	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Total Nickel	MG/L	Maximum	<0.0020	<0.0020	0.0023	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0.0023
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
Total Lead	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Total Lead	MG/L	Maximum	<0.0005	<0.0005	<0.0005	0.0011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0011
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00054	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00054
pH	PH UNITS	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
pH	PH UNITS	Maximum	8.05	8.01	8.22	8.12	8.23	8.24	8.17	8.31	8.29	8.38	8.23	8.90	8.90
pH	PH UNITS	Minimum	8.05	8.01	7.84	7.93	8.04	8.23	8.11	8.06	8.15	8.21	8.15	7.87	7.84
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Radium-226	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
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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
TSS	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
TSS	MG/L	Maximum	1.2	<1.0	<1.0	10	2	2.2	3.2	2.8	3.2	5	5.6	6	10
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	1.2	0.5	0.5	5.4	1.1	1.4	1.7	1.7	2.2	3.7	4.1	5.6	5.6
Total Zinc	MG/L	# of Samples	1	1	2	5	4	3	5	5	5	5	4	5	45
Total Zinc	MG/L	Maximum	0.0378	<0.0050	0.0318	<0.0050	0.0106	<0.0050	0.271	0.0276	0.0763	<0.0050	0.0978	0.0051	0.271
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0378	0.0025	0.0172	0.0025	0.0061	0.0025	0.0889	0.0091	0.0173	0.0025	0.0504	0.0030	0.0889

TABLE 45: Molson Coors Canada (St. John's) 2024 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Boron	UG/L	Maximum	0	0	0	<50	0	0	0	0	0	0	0	0	<50
Total Boron	UG/L	Exceedance(>5000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	UG/L	Monthly Average	0	0	0	25	0	0	0	0	0	0	0	0	25
BOD	MG/L	# of Samples	3	3	4	5	5	4	4	4	4	3	2	2	43
BOD	MG/L	Maximum	<10	<5.0	<10	1000	270	310	230	3000	2700	11000	<140	<15	11000
BOD	MG/L	Exceedance(>300)	0	0	0	2	0	1	0	4	4	3	0	0	14
BOD	MG/L	Monthly Average	4	3	4	269	87	87	65	2025	1925	5033	38	6	5033
Total Cadmium	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Cadmium	UG/L	Maximum	0	0	0	<0.010	0	0	0	0	0	0	0	0	<0.010
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0.005	0	0	0	0	0	0	0	0	0.005
Total Chromium	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Chromium	UG/L	Maximum	0	0	0	<1.0	0	0	0	0	0	0	0	0	<1.0
Total Chromium	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	UG/L	Monthly Average	0	0	0	0.5	0	0	0	0	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	4.8	0	0	0	0	0	0	0	0	4.8
Total Copper	UG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	4.8	0	0	0	0	0	0	0	0	4.8
Total Iron	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Iron	UG/L	Maximum	0	0	0	<50	0	0	0	0	0	0	0	0	<50
Total Iron	UG/L	Exceedance(>15000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	UG/L	Monthly Average	0	0	0	25	0	0	0	0	0	0	0	0	25
Total Mercury	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Mercury	UG/L	Maximum	0	0	0	<0.013	0	0	0	0	0	0	0	0	<0.013
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.0065	0	0	0	0	0	0	0	0	0.0065
Total Nickel	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	<2.0	0	0	0	0	0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	1	0	0	0	0	0	0	0	0	1
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Orthophosphate	MG/L	Maximum	0	0	0	0.074	0	0	0	0	0	0	0	0	0.074
Orthophosphate	MG/L	Exceedance(>4.36)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.074	0	0	0	0	0	0	0	0	0.074
Total Lead	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	<0.50	0	0	0	0	0	0	0	0	<0.50
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0.25	0	0	0	0	0	0	0	0	0.25

TABLE 45 CONTINUED: Molson Coors Canada (St. John's) 2024 Water Chemistry

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	4	3	4	5	5	4	4	4	4	3	2	2	44
pH	PH UNITS	Maximum	7.75	7.39	7.56	10.3	7.44	7.48	7.33	11.6	10.8	6.65	8.23	7.11	11.6
pH	PH UNITS	Minimum	7.07	7.19	7.27	6.97	6.73	6.8	6.66	6.26	6.24	5.36	6.82	7.09	5.36
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	1	0	0	0	2	2	1	0	0	6
Phenolics	MG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Phenolics	MG/L	Maximum	0	0	0	<0.0010	0	0	0	0	0	0	0	0	<0.0010
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0005	0	0	0	0	0	0	0	0	0.0005
TSS	MG/L	# of Samples	4	3	4	5	5	4	4	4	4	3	2	2	44
TSS	MG/L	Maximum	3.7	3.4	8.1	45	390	74	490	350	830	1900	20	23	1900
TSS	MG/L	Exceedance(>350)	0	0	0	0	1	0	1	0	1	1	0	0	4
TSS	MG/L	Monthly Average	1.9	2.3	4.3	18.4	87.9	31.6	137.5	211.3	290.5	716.3	19.0	14.4	716.3
Total Zinc	UG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	8.7	0	0	0	0	0	0	0	0	8.7
Total Zinc	UG/L	Exceedance(>500)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	8.7	0	0	0	0	0	0	0	0	8.7

TABLE 46: Newfoundland and Labrador Hydro (Holyrood) 2024 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Silver	UG/L	Maximum	<0.010	0.019	<0.010	<0.010	<0.010	<0.010	<0.010	0.043	<0.010	<0.010	0	<0.010	0.043
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0.005	0.019	0.005	0.005	0.005	0.005	0.005	0.043	0.005	0.005	0	0.005	0.043
Total Arsenic	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Arsenic	MG/L	Maximum	0.00012	0.00024	0.00024	0.00014	<0.00010	0.00056	0.00011	0.00035	0.00049	0.00024	0	0.00021	0.00056
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.00012	0.00024	0.00024	0.00014	0.00005	0.00055	0.00011	0.00035	0.00049	0.00024	0	0.00021	0.00055
Total Barium	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Barium	MG/L	Maximum	0.0504	0.0179	0.0228	0.0421	0.057	0.0138	0.0643	0.012	0.0108	0.0244	0	0.0289	0.0643
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0.0504	0.0179	0.0222	0.0421	0.057	0.01345	0.0643	0.012	0.0108	0.0244	0	0.0289	0.0643
Total Boron	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Boron	MG/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	0.013	0.012	0.018	<0.010	<0.010	0	<0.010	0.018
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.0125	0.012	0.018	0.005	0.005	0	0.005	0.018
BOD	MG/L	# of Samples	4	6	5	6	5	5	6	5	5	6	4	4	61
BOD	MG/L	Maximum	2.7	5.7	<3.0	<2.0	<2.0	<2.0	<3.0	<2.0	<2.0	4.5	<2.0	<2.0	5.7
BOD	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	1.43	1.78	1.10	1.00	1.00	1.00	1.17	1.00	1.00	1.58	1.00	1.00	1.78

TABLE 46 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Cadmium	UG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Cadmium	UG/L	Maximum	0.0089	0.0262	0.0195	0.0096	0.0082	0.0198	0.0130	0.0279	0.0122	0.0087	0	0.0181	0.0279
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.0089	0.0262	0.0193	0.0096	0.0082	0.0158	0.0130	0.0279	0.0122	0.0087	0	0.0181	0.0279
Total Chromium	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Chromium	MG/L	Maximum	0.00119	0.00163	0.00066	0.00051	<0.0005	0.00056	0.00067	0.00092	0.00085	0.00054	0	<0.0005	0.00163
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0.00119	0.00163	0.00063	0.00051	0.00025	0.00056	0.00067	0.00092	0.00085	0.00054	0	0.00025	0.00163
Total Copper	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Copper	MG/L	Maximum	0.00156	0.00372	0.00221	0.00121	0.00074	0.0035	0.00147	0.00247	0.0024	0.00102	0	0.00144	0.00372
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00156	0.00372	0.00186	0.00121	0.00074	0.0034	0.00147	0.00247	0.0024	0.00102	0	0.00144	0.00372
Total Iron	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Iron	MG/L	Maximum	0.16	0.746	0.118	0.032	0.068	0.285	0.057	0.867	0.229	0.19	0	0.131	0.867
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.16	0.746	0.1035	0.032	0.068	0.256	0.057	0.867	0.229	0.19	0	0.131	0.867
Total Mercury	UG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Mercury	UG/L	Maximum	<0.0050	0.0073	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0	<0.0050	0.0073
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0025	0.0073	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0	0.0025	0.0073
Total Nickel	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Nickel	MG/L	Maximum	0.00086	0.00348	0.00218	<0.0005	0.00091	0.00054	0.00085	0.00179	0.00052	<0.0005	0	0.00075	0.00348
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.00086	0.00348	0.00209	0.00025	0.00091	0.00040	0.00085	0.00179	0.00052	0.00025	0	0.00075	0.00348
Total Ammonia	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	1	11
Total Ammonia	MG/L	Maximum	<0.0050	0.0077	0.0198	<0.0050	0.0101	0.0054	<0.0050	0.0163	0.039	0.0196	0	0.0238	0.039
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0.0025	0.0077	0.0198	0.0025	0.0101	0.0054	0.0025	0.0163	0.039	0.0196	0	0.0238	0.039
Nitrate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	1	11
Nitrate	MG/L	Maximum	0.393	0.212	0.128	0.421	0.362	0.068	0.368	0.032	0.101	0.221	0	0.083	0.421
Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Nitrate	MG/L	Monthly Average	0.393	0.212	0.128	0.421	0.362	0.068	0.368	0.032	0.101	0.221	0	0.083	0.421
Orthophosphate	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	1	11
Orthophosphate	MG/L	Maximum	0.0011	<0.0500	0.0052	0.0033	<0.0010	0.0074	0.0011	<0.0010	0.0021	0.003	0	0.006	<0.0500
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0.0011	0.025	0.0052	0.0033	0.0005	0.0074	0.0011	0.0005	0.0021	0.003	0	0.006	0.025
Total Lead	UG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Lead	UG/L	Maximum	0.17	1.42	0.50	0.14	0.10	0.96	0.11	0.46	0.13	0.18	0	0.57	1.42
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0.17	1.42	0.49	0.14	0.10	0.94	0.11	0.46	0.13	0.18	0	0.57	1.42

TABLE 46 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 CT-OS

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	5	6	5	11	5	5	6	5	5	6	4	4	67
pH	PH UNITS	Maximum	8.10	7.74	7.74	7.4	7.48	7.59	7.67	7.43	7.80	7.42	7.20	7.00	8.10
pH	PH UNITS	Minimum	6.40	5.50	6.80	6.70	6.60	6.70	6.60	6.50	6.60	6.40	6.70	6.50	5.50
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	1	11
Phenolics	MG/L	Maximum	<0.0010	0.004	<0.0010	0.0047	0.0026	0.0036	0.012	0.0049	0.0054	0.0079	0	0.0119	0.012
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.0005	0.004	0.0005	0.0047	0.0026	0.0036	0.012	0.0049	0.0054	0.0079	0	0.0119	0.012
Total Selenium	UG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Selenium	UG/L	Maximum	0.066	0.101	0.059	0.074	0.054	0.117	0.068	0.169	0.153	0.088	0	0.063	0.169
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0.066	0.101	0.042	0.074	0.054	0.116	0.068	0.169	0.153	0.088	0	0.063	0.169
Sulphide	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	0	1	11
Sulphide	MG/L	Maximum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.018	<0.018	0	<0.018	<0.018
Sulphide	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Sulphide	MG/L	Monthly Average	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.009	0.009	0	0.009	0.009
Calculated TDS	MG/L	# of Samples	5	6	5	6	5	5	6	5	5	6	4	4	62
Calculated TDS	MG/L	Maximum	118	3700	105	106	108	165	118	202	88	88	219	142	3700
Calculated TDS	MG/L	Exceedance(>1000)	0	1	0	0	0	0	0	0	0	0	0	0	1
Calculated TDS	MG/L	Monthly Average	112.6	693.3	75.0	82.7	89.0	85.8	103.2	170.4	75.4	66.5	110.8	96.0	693.3
TPH (Atlantic PIRI)	MG/L	# of Samples	4	5	4	5	4	4	5	4	4	5	4	3	51
TPH (Atlantic PIRI)	MG/L	Maximum	<0.090	0.177	<0.150	<0.090	0.582	<0.184	<0.218	<0.090	<0.090	0.199	0.1	<0.090	0.582
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.045	0.073	0.053	0.045	0.203	0.064	0.058	0.045	0.045	0.106	0.059	0.045	0.203
TSS	MG/L	# of Samples	4	5	4	10	4	4	5	4	4	5	4	3	56
TSS	MG/L	Maximum	8.8	13.6	4.3	4.6	2.0	2.0	2.9	1.8	10.6	1.3	4.2	2.2	13.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	4.8	5.3	2.7	2.5	2.0	2.0	2.2	1.5	3.7	0.9	1.8	1.3	5.3
Total Zinc	MG/L	# of Samples	1	1	2	1	1	2	1	1	1	1	0	1	13
Total Zinc	MG/L	Maximum	0.0141	0.0336	0.0083	0.0066	0.0257	0.0080	0.0054	0.0345	0.0057	0.0042	0	0.0447	0.0447
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0141	0.0336	0.0074	0.0066	0.0257	0.0080	0.0054	0.0345	0.0057	0.0042	0	0.0447	0.0447

TABLE 47: Newfoundland and Labrador Hydro (Holyrood) 2024 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Silver	UG/L	Maximum	0	0	<0.010	0	0	0	0	0	<0.010	0	0	<0.010	<0.010
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0.005	0	0	0	0	0	0.005	0	0	0.005	0.005
Total Arsenic	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Arsenic	MG/L	Maximum	0	0	0.00011	0	0	0	0	0	<0.0001	0	0	0.00011	0.00011
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0.00011	0	0	0	0	0	0.00005	0	0	0.00011	0.00011
Total Barium	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Barium	MG/L	Maximum	0	0	0.0084	0	0	0	0	0	0.0099	0	0	0.0178	0.0178
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0	0	0.0084	0	0	0	0	0	0.0099	0	0	0.0178	0.0178
Total Boron	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Boron	MG/L	Maximum	0	0	0.054	0	0	0	0	0	<0.010	0	0	0.011	0.054
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0	0	0.054	0	0	0	0	0	0.005	0	0	0.011	0.054
BOD	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
BOD	MG/L	Maximum	0	0	0	0	0	0	0	0	<2.0	0	0	<2.0	<2.0
BOD	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	0	0	0	0	0	0	0	0	1	0	0	1	1
Total Cadmium	UG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Cadmium	UG/L	Maximum	0	0	0.0759	0	0	0	0	0	0.0206	0	0	0.0416	0.0759
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0.0759	0	0	0	0	0	0.0206	0	0	0.0416	0.0759
Total Chromium	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Chromium	MG/L	Maximum	0	0	<0.0005	0	0	0	0	0	0.00543	0	0	<0.0005	0.00543
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0.00025	0	0	0	0	0	0.00543	0	0	0.00025	0.00543
Total Copper	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Copper	MG/L	Maximum	0	0	0.00194	0	0	0	0	0	0.00513	0	0	0.00106	0.00513
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0.00194	0	0	0	0	0	0.00513	0	0	0.00106	0.00513
Total Iron	MG/L	# of Samples	4	5	5	5	4	1	2	0	2	5	4	4	41
Total Iron	MG/L	Maximum	0.115	0.103	0.137	0.296	0.274	0.168	1.020	0	0.336	0.710	0.618	0.496	1.020
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.048	0.071	0.085	0.160	0.188	0.168	0.653	0	0.295	0.224	0.299	0.335	0.653
Total Mercury	UG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Mercury	UG/L	Maximum	0	0	0.0099	0	0	0	0	0	0.0182	0	0	<0.0050	0.0182
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0.0099	0	0	0	0	0	0.0182	0	0	0.0025	0.0182

TABLE 47 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Nickel	MG/L	# of Samples	4	5	5	5	4	1	2	0	2	5	4	4	41
Total Nickel	MG/L	Maximum	0.0025	0.0028	0.0041	<0.0050	0.0539	0.0026	0.3720	0	0.0066	0.0625	0.0842	0.0090	0.3720
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0018	0.0018	0.0021	0.0018	0.0143	0.0026	0.1872	0	0.0053	0.0173	0.0300	0.0066	0.1872
Total Ammonia	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
Total Ammonia	MG/L	Maximum	0	0	0	0	0	0	0	0	0.101	0	0	0.162	0.162
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Ammonia	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.101	0	0	0.162	0.162
Nitrate	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
Nitrate	MG/L	Maximum	0	0	0	0	0	0	0	0	0.054	0	0	0.034	0.054
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	0	0	0.054	0	0	0.034	0.054
Orthophosphate	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
Orthophosphate	MG/L	Maximum	0	0	0	0	0	0	0	0	<0.0010	0	0	<0.0010	<0.0010
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0005	0	0	0.0005	0.0005
Total Lead	UG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Lead	UG/L	Maximum	0	0	0.186	0	0	0	0	0	0.281	0	0	0.263	0.281
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0.186	0	0	0	0	0	0.281	0	0	0.263	0.281
pH	PH UNITS	# of Samples	4	5	4	10	4	0	2	0	2	5	4	4	44
pH	PH UNITS	Maximum	7.00	6.80	7.80	8.20	6.95	0	7.00	0	7.40	7.10	7.80	6.58	8.20
pH	PH UNITS	Minimum	6.37	6.40	6.50	6.30	6.40	0	5.70	0	6.90	6.30	6.30	6.20	5.70
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
Phenolics	MG/L	Maximum	0	0	0	0	0	0	0	0	0.0128	0	0	<0.0010	0.0128
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0	0	0	0	0	0.0128	0	0	0.0005	0.0128
Total Selenium	UG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Selenium	UG/L	Maximum	0	0	<0.050	0	0	0	0	0	<0.050	0	0	<0.050	<0.050
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0.025	0	0	0	0	0	0.025	0	0	0.025	0.025
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	<0.180	0	0	<0.018	<0.180
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	0.090	0	0	0.009	0.090
Calculated TDS	MG/L	# of Samples	0	0	0	0	0	0	0	0	1	0	0	1	2
Calculated TDS	MG/L	Maximum	0	0	0	0	0	0	0	0	38	0	0	100	100
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	0	0	0	0	0	38	0	0	100	100

TABLE 47 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 Continuous Basin

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TPH (Atlantic PIRI)	MG/L	# of Samples	4	5	4	5	4	1	2	0	1	5	4	3	38
TPH (Atlantic PIRI)	MG/L	Maximum	0.158	0.105	0.127	0.596	0.212	<0.090	0.114	0	<0.090	0.141	1.390	1.010	1.390
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.073	0.069	0.066	0.254	0.126	0.045	0.080	0	0.045	0.080	0.509	0.573	0.573
TSS	MG/L	# of Samples	4	5	4	10	4	0	2	0	1	5	4	3	42
TSS	MG/L	Maximum	8.0	9.5	8.6	24.0	20.4	0	5.8	0	7.3	7.3	3.8	22.0	24.0
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	3.5	6.2	4.6	9.2	8.7	0	4.6	0	7.3	3.4	1.5	20.7	20.7
Total Zinc	MG/L	# of Samples	0	0	1	0	0	0	0	0	1	0	0	1	3
Total Zinc	MG/L	Maximum	0	0	0.0163	0	0	0	0	0	0.0153	0	0	0.0099	0.0163
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0.0163	0	0	0	0	0	0.0153	0	0	0.0099	0.0163

TABLE 48: Newfoundland and Labrador Hydro (Holyrood) 2024 OS1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Silver	UG/L	Maximum	0	0	0	0	0	<0.100	0	0	<0.010	0	0	<0.010	<0.100
Total Silver	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	UG/L	Monthly Average	0	0	0	0	0	0.050	0	0	0.005	0	0	0.005	0.05
Total Arsenic	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Arsenic	MG/L	Maximum	0	0	0	0	0	<0.0010	0	0	0.00047	0	0	0.00023	<0.0010
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0	0	0.0005	0	0	0.00047	0	0	0.00023	0.0005
Total Barium	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Barium	MG/L	Maximum	0	0	0	0	0	0.0196	0	0	0.0109	0	0	0.0031	0.0196
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0	0	0	0	0	0.0196	0	0	0.0109	0	0	0.0031	0.0196
Total Boron	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Boron	MG/L	Maximum	0	0	0	0	0	0.280	0	0	<0.010	0	0	0.035	0.280
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0	0	0	0	0	0.280	0	0	0.005	0	0	0.035	0.280
BOD	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
BOD	MG/L	Maximum	0	0	0	0	0	<2.0	0	0	<2.0	0	0	17.6	17.6
BOD	MG/L	Exceedance(>20)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	0	0	0	0	0	1.0	0	0	1.0	0	0	17.6	17.6
Total Cadmium	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Cadmium	UG/L	Maximum	0	0	0	0	0	0.3030	0	0	0.0151	0	0	0.0226	0.3030
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0	0	0.3030	0	0	0.0151	0	0	0.0226	0.3030

TABLE 48 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 OS1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Chromium	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Chromium	MG/L	Maximum	0	0	0	0	0	<0.0050	0	0	0.00086	0	0	<0.0005	<0.0050
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0	0	0	0.00250	0	0	0.00086	0	0	0.00025	0.00250
Total Copper	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Copper	MG/L	Maximum	0	0	0	0	0	0.1210	0	0	0.0029	0	0	0.0160	0.1210
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0	0	0.1210	0	0	0.0029	0	0	0.0160	0.1210
Total Iron	MG/L	# of Samples	4	5	4	5	4	5	5	4	5	5	4	4	54
Total Iron	MG/L	Maximum	0.202	0.532	0.168	0.464	0.201	0.142	1.380	0.564	2.810	0.440	0.371	0.215	2.810
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.157	0.287	0.145	0.225	0.089	0.095	0.385	0.378	0.733	0.212	0.217	0.159	0.733
Total Mercury	UG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Mercury	UG/L	Maximum	0	0	0.0112	0	0	<0.0050	0	0	<0.0050	0	0	<0.0050	0.0112
Total Mercury	UG/L	Exceedance(5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0.0112	0	0	0.0025	0	0	0.0025	0	0	0.0025	0.0112
Total Nickel	MG/L	# of Samples	4	5	4	5	4	5	5	4	5	5	4	4	54
Total Nickel	MG/L	Maximum	0.0226	0.0254	0.0069	0.0125	0.0181	0.0358	0.0283	0.0126	0.0083	0.0674	0.0076	0.0021	0.0674
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0200	0.0110	0.0049	0.0075	0.0103	0.0295	0.0218	0.0080	0.0061	0.0193	0.0034	0.0021	0.0295
Total Lead	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Lead	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0.168	0	0	0.087	<0.50
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0	0.250	0	0	0.168	0	0	0.087	0.250
Total Ammonia	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Ammonia	MG/L	Maximum	0	0	7.49	0	0	0.79	0	0	0.03	0	0	7.29	7.49
Total Ammonia	MG/L	Exceedance(>2)	0	0	1	0	0	0	0	0	0	0	0	1	2
Total Ammonia	MG/L	Monthly Average	0	0	7.49	0	0	0.79	0	0	0.03	0	0	7.29	7.49
Total Nitrate	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Total Nitrate	MG/L	Maximum	0	0	0.391	0	0	0.958	0	0	0.112	0	0	0.870	0.958
Total Nitrate	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nitrate	MG/L	Monthly Average	0	0	0.391	0	0	0.958	0	0	0.112	0	0	0.870	0.958
Orthophosphate	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Orthophosphate	MG/L	Maximum	0	0	0.0014	0	0	<0.0010	0	0	0.0016	0	0	0.0020	0.0020
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0.0014	0	0	0.0005	0	0	0.0016	0	0	0.0020	0.0020
pH	PH UNITS	# of Samples	4	5	5	10	4	5	5	4	5	5	4	4	60
pH	PH UNITS	Maximum	7.40	7.50	7.59	7.16	6.50	7.20	6.90	6.90	7.44	8.20	7.20	7.34	8.20
pH	PH UNITS	Minimum	6.50	5.90	6.90	6.40	5.90	5.60	6.10	6.50	6.40	6.00	6.40	6.60	5.60
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 48 CONTINUED: Newfoundland and Labrador Hydro (Holyrood) 2024 OS1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Phenolics	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Phenolics	MG/L	Maximum	0	0	0.0033	0	0	0.0016	0	0	0.0246	0	0	0.0222	0.0246
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0.0033	0	0	0.0016	0	0	0.0246	0	0	0.0222	0.0246
Total Selenium	UG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Selenium	UG/L	Maximum	0	0	0	0	0	<0.50	0	0	0.169	0	0	<0.050	<0.50
Total Selenium	UG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	UG/L	Monthly Average	0	0	0	0	0	0.250	0	0	0.169	0	0	0.025	0.250
Sulphide	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Sulphide	MG/L	Maximum	0	0	<0.010	0	0	<0.010	0	0	<0.018	0	0	<0.018	<0.018
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	0.005	0	0	0.005	0	0	0.009	0	0	0.009	0.009
Calculated TDS	MG/L	# of Samples	0	0	1	0	0	1	0	0	1	0	0	1	4
Calculated TDS	MG/L	Maximum	0	0	184	0	0	2390	0	0	84	0	0	184	2390
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	1	0	0	0	0	0	0	1
Calculated TDS	MG/L	Monthly Average	0	0	184	0	0	2390	0	0	84	0	0	184	2390
TPH (Atlantic PIRI)	MG/L	# of Samples	4	5	4	5	4	4	5	4	4	5	4	3	51
TPH (Atlantic PIRI)	MG/L	Maximum	<0.103	0.113	<0.284	0.159	<0.150	<0.184	0.099	0.558	<0.090	0.390	3.910	4.040	4.040
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.047	0.077	0.073	0.082	0.053	0.064	0.062	0.173	0.045	0.123	1.368	1.623	1.623
TSS	MG/L	# of Samples	4	5	4	10	4	4	5	4	4	5	4	3	56
TSS	MG/L	Maximum	2	3.8	4.2	3.3	2	2	16.5	2.2	7.3	1.8	2.8	21.2	21.2
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	2.4	2.8	2.3	2.0	2.0	5.0	1.3	4.0	0.6	1.7	7.8	7.8
Total Zinc	MG/L	# of Samples	0	0	0	0	0	1	0	0	1	0	0	1	3
Total Zinc	MG/L	Maximum	0	0	0	0	0	0.273	0	0	0.01	0	0	0.017	0.273
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0	0	0.273	0	0	0.01	0	0	0.017	0.273

TABLE 49: Newfoundland and Labrador Hydro (Holyrood) 2024 OS2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Iron	MG/L	# of Samples	4	5	4	5	4	3	5	4	4	5	4	3	50
Total Iron	MG/L	Maximum	0.175	0.186	0.226	0.163	0.315	0.17	0.755	1	0.848	1.37	0.144	0.146	1.37
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.147	0.122	0.151	0.108	0.214	0.155	0.347	0.661	0.566	0.665	0.086	0.114	0.665
Total Nickel	MG/L	# of Samples	4	5	4	5	4	3	5	4	4	5	4	3	50
Total Nickel	MG/L	Maximum	0.0226	0.0173	0.0183	0.0179	0.0075	0.0368	0.1550	0.0225	0.0100	0.1080	0.0146	0.0130	0.1550
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0151	0.0159	0.0084	0.0058	0.0040	0.0133	0.0480	0.0141	0.0069	0.0607	0.0055	0.0053	0.0607
pH	PH UNITS	# of Samples	4	5	4	10	4	4	5	4	4	5	4	3	56
pH	PH UNITS	Maximum	7.30	6.50	7.04	6.80	6.70	7.00	7.00	7.10	7.30	7.30	7.60	6.80	7.60
pH	PH UNITS	Minimum	6.30	6.20	6.00	5.60	6.40	6.20	6.60	6.90	6.80	6.00	6.80	6.80	5.60
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	# of Samples	4	5	4	5	4	3	5	4	4	5	4	3	50
TPH (Atlantic PIRI)	MG/L	Maximum	0.104	0.116	<0.212	<0.090	<0.150	<0.150	<0.218	<0.090	0.101	6.180	1.110	0.520	6.180
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.071	0.080	0.065	0.045	0.053	0.055	0.067	0.045	0.059	1.664	0.594	0.271	1.664
TSS	MG/L	# of Samples	4	5	4	10	4	4	5	4	4	5	4	3	56
TSS	MG/L	Maximum	3.4	2.4	5.8	2.2	2.0	2.5	6.6	5.0	5.0	4.9	1.8	2.8	6.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.4	2.1	3.0	2.0	2.0	2.3	2.9	2.4	2.5	3.2	1.0	1.4	3.2

TABLE 50: Newfoundland and Labrador Hydro (Holyrood) 2024 WWTP

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Iron	MG/L	# of Samples	2	3	7	6	5	5	3	3	2	2	8	6	52
Total Iron	MG/L	Maximum	<1.00	0.488	0.485	2.160	3.770	1.020	0.695	0.547	0.575	0.960	2.310	0.663	3.770
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.304	0.259	0.283	0.869	1.556	0.410	0.616	0.516	0.538	0.736	1.564	0.514	1.564
Total Nickel	MG/L	# of Samples	2	3	7	6	5	5	3	3	2	2	8	6	52
Total Nickel	MG/L	Maximum	0.076	0.103	0.060	0.120	0.199	0.075	0.050	0.046	0.074	0.085	0.125	0.094	0.199
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.075	0.067	0.051	0.065	0.087	0.039	0.044	0.032	0.067	0.071	0.088	0.059	0.088
pH	PH UNITS	# of Samples	4	3	7	12	5	5	3	3	2	2	8	6	60
pH	PH UNITS	Maximum	8.66	8.80	8.70	8.84	8.50	8.80	8.70	8.70	8.70	8.45	8.70	8.75	8.84
pH	PH UNITS	Minimum	8.20	8.23	8.16	8.17	8.20	8.60	8.50	80	8.60	8.45	7.80	8.40	7.80
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	4	3	7	12	5	5	3	3	2	2	8	6	60
TSS	MG/L	Maximum	16.2	3.8	3.4	7.3	10.8	3.3	5.2	9.4	9.6	5.3	11.2	6.0	16.2
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	10.1	2.6	2.6	3.5	8.3	2.5	4.3	7.9	8.2	4.6	5.5	4.0	10.1

TABLE 51: Newfoundland Transshipment Limited 2024 Oily Water Separator

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	0	0	1	0	0	1	0	0	0	1	0	1	4
pH	PH UNITS	Maximum	0	0	6.9	0	0	6.6	0	0	0	6.6	0	6.4	6.9
pH	PH UNITS	Minimum	0	0	6.9	0	0	6.6	0	0	0	6.6	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
Calculated TDS	MG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	1	4
Calculated TDS	MG/L	Maximum	0	0	1922	0	0	594	0	0	0	140	0	94	1922
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	1922	0	0	594	0	0	0	140	0	94	1922
Total Oil and Grease	MG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	1	4
Total Oil and Grease	MG/L	Maximum	0	0	1.4	0	0	4.3	0	0	0	2.4	0	8.8	8.8
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	0	0	1.4	0	0	4.3	0	0	0	2.4	0	8.8	8.8
TSS	MG/L	# of Samples	0	0	1	0	0	1	0	0	0	1	0	1	4
TSS	MG/L	Maximum	0	0	<1.6	0	0	<1.6	0	0	0	1.8	0	<1.6	1.8
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	0.8	0	0	0.8	0	0	0	1.8	0	0.8	1.8

*Note 1 in the ECWSR is applied to determine TDS at this location. TDS limit is based on background levels in Placentia Bay.

TABLE 52: Newfoundland Transshipment Limited 2024 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	1	0	0	0	1	0	0	1	0	3
pH	PH UNITS	Maximum	0	0	0	6.5	0	0	0	6.3	0	0	6.4	0	6.5
pH	PH UNITS	Minimum	0	0	0	6.5	0	0	0	6.3	0	0	6.4	0	6.3
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	# of Samples	0	0	0	1	0	0	0	1	0	0	1	0	3
Total Oil and Grease	MG/L	Maximum	0	0	0	6	0	0	0	3.4	0	0	3	0	6
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	0	0	0	6	0	0	0	3.4	0	0	3	0	6
TSS	MG/L	# of Samples	0	0	0	1	0	0	0	1	0	0	1	0	3
TSS	MG/L	Maximum	0	0	0	<1.6	0	0	0	<1.6	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	0.8	0	0	0	0.8	0	0	0.8	0	0.8

TABLE 53: Newfoundland Transshipment Limited 2024 Tank No. 1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	0	7.6	0	0	7.6	0	7.7	0	0	7.1	0	0	7.7
pH	PH UNITS	Minimum	0	7.6	0	0	7.6	0	7.7	0	0	7.1	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
Total Oil and Grease	MG/L	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	0	6.5	0	0	4.8	0	1.4	0	0	3.8	0	0	6.5
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	0	6.5	0	0	4.8	0	1.4	0	0	3.8	0	0	6.5
TSS	MG/L	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	0	<1.6	0	0	<1.6	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	0.8	0	0	0.8	0	0.8	0	0	0.8	0	0	0.8

TABLE 54: Newfoundland Transshipment Limited 2024 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	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	7.6	0	0	0	7.7	0	7.6	0	0	7.4	0	0	7.7
pH	PH UNITS	Minimum	7.6	0	0	0	7.7	0	7.6	0	0	7.4	0	0	7.4
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	4.5	0	0	0	7.1	0	1.1	0	0	2.2	0	0	7.1
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	4.5	0	0	0	7.1	0	1.1	0	0	2.2	0	0	7.1
TSS	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	0	<1.6	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	0.8	0	0.8	0	0	0.8	0	0	0.8

TABLE 55: Newfoundland Transshipment Limited 2024 Tank No. 3

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	0	7.4	0	0	7.6	0	7.7	0	0	7.5	0	0	7.7
pH	PH UNITS	Minimum	0	7.4	0	0	7.6	0	7.7	0	0	7.5	0	0	7.4
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	0	5	0	0	5.3	0	1.3	0	0	7.9	0	0	7.9
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	0	5	0	0	5.3	0	1.3	0	0	7.9	0	0	7.9
TSS	MG/L	# of Samples	0	1	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	0	3.6	0	0	<1.6	0	<1.6	0	0	<1.6	0	0	3.6
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	0	3.6	0	0	0.8	0	0.8	0	0	0.8	0	0	3.6

TABLE 56: Newfoundland Transshipment Limited 2024 Tank No. 4

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	2	1	1	2	2	0	1	1	0	1	0	0	11
pH	PH UNITS	Maximum	7.4	6.9	6.1	6.8	7.3	0	6.2	6.6	0	7.4	0	0	7.4
pH	PH UNITS	Minimum	6.2	6.9	6.1	6.3	6.4	0	6.2	6.6	0	7.4	0	0	6.1
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	# of Samples	2	1	1	2	2	0	1	1	0	1	0	0	11
Total Oil and Grease	MG/L	Maximum	12.3	6.9	4.4	5.2	4.5	0	6.9	2.1	0	4.5	0	0	12.3
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	8.35	6.9	4.4	4.7	4.25	0	6.9	2.1	0	4.5	0	0	8.35
TSS	MG/L	# of Samples	2	1	1	2	2	0	1	1	0	1	0	0	11
TSS	MG/L	Maximum	4	<1.6	<1.6	<1.6	2.2	0	<1.6	<1.6	0	<1.6	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	2.4	0.8	0.8	0.8	2	0	0.8	0.8	0	0.8	0	0	2.4

TABLE 57: Newfoundland Transshipment Limited 2024 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	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	7.3	0	0	0	7.1	0	7.2	0	0	7.5	0	0	7.5
pH	PH UNITS	Minimum	7.3	0	0	0	7.1	0	7.2	0	0	7.5	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
Total Oil and Grease	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	3.3	0	0	0	4.1	0	3.8	0	0	5.1	0	0	5.1
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	3.3	0	0	0	4.1	0	3.8	0	0	5.1	0	0	5.1
TSS	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	0	<1.6	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	0.8	0	0.8	0	0	0.8	0	0	0.8

TABLE 58: Newfoundland Transshipment Limited 2024 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	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	7.3	0	0	0	7.1	0	7.2	0	0	7.4	0	0	7.4
pH	PH UNITS	Minimum	7.3	0	0	0	7.1	0	7.2	0	0	7.4	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
Total Oil and Grease	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	4.8	0	0	0	4.4	0	2.6	0	0	2.8	0	0	4.8
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	4.8	0	0	0	4.4	0	2.6	0	0	2.8	0	0	4.8
TSS	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	0	<1.6	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	0.8	0	0.8	0	0	0.8	0	0	0.8

TABLE 59: Newfoundland Transshipment Limited 2024 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	0	1	0	1	0	0	1	0	0	4
pH	PH UNITS	Maximum	7.8	0	0	0	7.8	0	7.8	0	0	7.3	0	0	7.8
pH	PH UNITS	Minimum	7.8	0	0	0	7.8	0	7.8	0	0	7.3	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
Total Oil and Grease	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
Total Oil and Grease	MG/L	Maximum	6.7	0	0	0	4.7	0	1.9	0	0	3.6	0	0	6.7
Total Oil and Grease	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Oil and Grease	MG/L	Monthly Average	6.7	0	0	0	4.7	0	1.9	0	0	3.6	0	0	6.7
TSS	MG/L	# of Samples	1	0	0	0	1	0	1	0	0	1	0	0	4
TSS	MG/L	Maximum	<1.6	0	0	0	<1.6	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	0.8	0	0.8	0	0	0.8	0	0	0.8

TABLE 60: Pardy's Waste Management (Donovans Industrial Park) 2024 Treated Wastewater

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Boron	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Boron	MG/L	Maximum	3.20	3.40	2.60	2.6	3.20	3.20	2.5	2.60	3.10	3	3.5	3.50	3.50
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	3.10	2.93	2.50	2.55	3.03	3.15	2.45	2.50	2.87	2.87	3.28	3.27	3.28
BOD	MG/L	# of Samples	2	4	3	2	2	2	2	3	3	3	4	3	33
BOD	MG/L	Maximum	<50	<55	<60	<40	24	<160	<120	160	<180	250	<210	<140	250.0
BOD	MG/L	Exceedance(>300)	0	0	0	0	0	0	0	0	0	0	0	0	0
BOD	MG/L	Monthly Average	20.0	21.3	19.8	16.3	20.8	50.0	53.8	96.7	60.8	128.7	86.8	66.7	128.7
Cyanide (SAD)	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Cyanide (SAD)	MG/L	Maximum	<0.0050	0.015	<0.0050	<0.0050	<0.0050	0.016	<0.0050	<0.0050	0.0074	<0.0050	0.0081	<0.0050	0.016
Cyanide (SAD)	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyanide (SAD)	MG/L	Monthly Average	0.0025	0.0080	0.0025	0.0025	0.0025	0.0130	0.0025	0.0025	0.0041	0.0025	0.0039	0.0025	0.0130
Total Cadmium	UG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Cadmium	UG/L	Maximum	0.025	0.019	<0.10	<0.010	<0.010	<0.10	<0.010	0.014	0.021	<0.010	0.04	<0.10	<0.10
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0.0173	0.0108	0.0240	0.0050	0.0050	0.0275	0.0050	0.0073	0.0123	0.0050	0.0138	0.0200	0.0275
Total Chromium	MG/L	# of Samples	0	0	0	1	1	2	2	2	2	3	4	3	20
Total Chromium	MG/L	Maximum	0	0	0	0.002	0.0022	<0.010	0.002	0.0021	0.0025	0.0024	0.0027	<0.010	<0.010
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0	0.0020	0.0022	0.0048	0.0020	0.0020	0.0025	0.0023	0.0024	0.0033	0.0048
Total Hexavalent Chromium	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Hexavalent Chromium	MG/L	Maximum	<0.0010	0.0130	<0.0010	<0.0010	<0.0050	0.0130	<0.0050	0.0099	0.0160	0.0072	0.0160	<0.0010	0.0160
Total Hexavalent Chromium	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Hexavalent Chromium	MG/L	Monthly Average	0.0005	0.0060	0.0005	0.0005	0.0013	0.0070	0.0015	0.0037	0.0063	0.0042	0.0070	0.0005	0.0070
Total Copper	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Copper	MG/L	Maximum	0.043	0.048	0.034	0.018	0.013	0.0075	0.2	0.029	0.055	0.024	0.021	0.012	0.200
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.038	0.039	0.022	0.016	0.010	0.007	0.117	0.027	0.038	0.020	0.018	0.010	0.117

TABLE 60 CONTINUED: Pardy's Waste Management (Donovans Industrial Park) 2024 Treated Wastewater

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Iron	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Iron	MG/L	Maximum	<0.050	0.087	<0.50	<0.050	<0.050	<0.50	0.065	<0.050	0.051	<0.050	<0.050	<0.50	<0.50
Total Iron	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0.025	0.051	0.111	0.025	0.025	0.138	0.045	0.025	0.034	0.025	0.025	0.100	0.138
Total Mercury	UG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Mercury	UG/L	Maximum	0.018	0.017	<0.013	<0.013	0.018	0.015	<0.013	0.013	<0.013	<0.013	<0.013	<0.013	0.018
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0.0103	0.0091	0.0065	0.0065	0.0103	0.0108	0.0065	0.0081	0.0065	0.0065	0.0065	0.0065	0.0108
Total Nickel	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Nickel	MG/L	Maximum	0.055	0.056	0.045	0.043	0.047	0.052	0.039	0.039	0.047	0.046	0.051	0.059	0.059
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.052	0.049	0.043	0.042	0.046	0.049	0.039	0.038	0.044	0.045	0.049	0.054	0.054
Total Lead	UG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Lead	UG/L	Maximum	<0.5	1.0	<5.0	<0.5	<0.5	<5.0	<0.5	1.1	<0.5	<0.5	<0.5	<5.0	<5.0
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0.25	0.61	1.11	0.25	0.25	1.38	0.25	0.46	0.25	0.25	0.25	1.00	1.38
pH	PH UNITS	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
pH	PH UNITS	Maximum	8.27	8.02	7.98	8.07	7.77	7.87	8.33	8.11	8.1	7.99	7.74	8.02	8.33
pH	PH UNITS	Minimum	7.83	7.45	7.60	7.95	7.72	7.86	7.5	7.7	7.52	7.81	7.52	7.77	7.45
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Phenolics	MG/L	Maximum	0.014	0.016	0.012	0.0038	0.014	0.0034	0.011	0.0056	0.013	0.0066	0.016	0.015	0.016
Phenolics	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0.0130	0.0102	0.0064	0.0037	0.0113	0.0033	0.0061	0.0038	0.0078	0.0065	0.0077	0.0127	0.0130
Total Phosphates as P2O5	MG/L	# of Samples	3	4	2	2	3	2	2	4	3	3	4	3	35
Total Phosphates as P2O5	MG/L	Maximum	7.70	8.20	5.80	5.7	6.20	6.50	6.2	5.90	6.70	6.9	7.7	7.50	8.20
Total Phosphates as P2O5	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Phosphates as P2O5	MG/L	Monthly Average	7.13	7.10	5.55	5.55	6.17	6.50	5.55	5.73	6.37	6.80	6.93	7.20	7.20
TPH (Atlantic PIRI)	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
TPH (Atlantic PIRI)	MG/L	Maximum	0.85	2.20	0.80	0.72	1.60	0.85	1.70	0.65	0.94	0.75	1.10	0.96	2.20
TPH (Atlantic PIRI)	MG/L	Exceedance(>100)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0.72	1.51	0.68	0.63	0.94	0.79	1.13	0.54	0.72	0.63	0.97	0.81	1.51
TSS	MG/L	# of Samples	3	4	3	2	2	2	2	4	3	3	4	3	35
TSS	MG/L	Maximum	3.8	5.2	4.5	1.8	3.5	1.8	3.8	<5.0	5	3.4	4.8	2.6	5.2
TSS	MG/L	Exceedance(>350)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	3.0	2.8	3.9	1.5	3.0	1.4	2.3	2.2	2.2	2.7	3.4	1.7	3.9
Total Zinc	MG/L	# of Samples	3	4	3	2	3	2	2	4	3	3	4	3	36
Total Zinc	MG/L	Maximum	0.039	0.098	0.100	0.039	0.040	<0.050	0.033	0.014	0.021	0.020	0.021	<0.050	0.100
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.036	0.061	0.073	0.032	0.035	0.022	0.024	0.012	0.018	0.019	0.011	0.011	0.073

TABLE 61: Pardy's Waste Management (Incinerator Road) 2024 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Silver	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	0	3	5
Total Silver	MG/L	Maximum	0	0	0	<0.00010	<0.00010	0	0	0	0	0	0	0.00014	0.00014
Total Silver	MG/L	Exceedance(>0.05)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Silver	MG/L	Monthly Average	0	0	0	0.00005	0.00005	0	0	0	0	0	0	0.00008	0.00008
Total Arsenic	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	0	3	5
Total Arsenic	MG/L	Maximum	0	0	0	<0.0010	0.0037	0	0	0	0	0	0	0.0032	0.0037
Total Arsenic	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0	0.0005	0.0037	0	0	0	0	0	0	0.0017	0.0037
Total Barium	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	0	3	5
Total Barium	MG/L	Maximum	0	0	0	0.029	0.047	0	0	0	0	0	0	0.31	0.31
Total Barium	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Barium	MG/L	Monthly Average	0	0	0	0.029	0.047	0	0	0	0	0	0	0.240	0.240
Total Boron	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Boron	MG/L	Maximum	0	0	0	<0.050	0.26	0	0	0	0	0	0.12	0.12	0.26
Total Boron	MG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Boron	MG/L	Monthly Average	0	0	0	0.025	0.260	0	0	0	0	0	0.120	0.086	0.260
BOD	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
BOD	MG/L	Maximum	0	0	0	<10	<40	0	0	0	0	0	<140	<70	<140
BOD	MG/L	Exceedance(>20)	0	0	0	0	1	0	0	0	0	0	1	3	5
BOD	MG/L	Monthly Average	0	0	0	5	20	0	0	0	0	0	70	24	70
Total Cadmium	UG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Cadmium	UG/L	Maximum	0	0	0	0.064	0.250	0	0	0	0	0	0.059	0.069	0.250
Total Cadmium	UG/L	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cadmium	UG/L	Monthly Average	0	0	0	0.064	0.250	0	0	0	0	0	0.059	0.044	0.250
Total Chromium	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Chromium	MG/L	Maximum	0	0	0	<0.0010	<0.0010	0	0	0	0	0	<0.0010	<0.0010	<0.0010
Total Chromium	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chromium	MG/L	Monthly Average	0	0	0	0.0005	0.0005	0	0	0	0	0	0.0005	0.0005	0.0005
Total Copper	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Copper	MG/L	Maximum	0	0	0	0.004	0.042	0	0	0	0	0	0.016	0.02	0.042
Total Copper	MG/L	Exceedance(>0.3)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0	0.004	0.042	0	0	0	0	0	0.016	0.009	0.042
Total Iron	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Iron	MG/L	Maximum	0	0	0	0.62	0.44	0	0	0	0	0	1.8	1.1	1.8
Total Iron	MG/L	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Iron	MG/L	Monthly Average	0	0	0	0.62	0.44	0	0	0	0	0	1.80	0.96	1.80
Total Mercury	UG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Mercury	UG/L	Maximum	0	0	0	0.015	<0.013	0	0	0	0	0	<0.013	0.035	0.035
Total Mercury	UG/L	Exceedance(>5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Mercury	UG/L	Monthly Average	0	0	0	0.015	0.0065	0	0	0	0	0	0.0065	0.016	0.016

TABLE 61 CONTINUED: Pardy's Waste Management (Incinerator Road) 2024 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Nickel	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Nickel	MG/L	Maximum	0	0	0	0.0044	0.0580	0	0	0	0	0	0.0130	0.0170	0.0580
Total Nickel	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0	0.0044	0.0580	0	0	0	0	0	0.0130	0.0117	0.0580
Total Ammonia	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Ammonia	MG/L	Maximum	0	0	0	0.31	0.45	0	0	0	0	0	2.8	1.1	2.8
Total Ammonia	MG/L	Exceedance(>2)	0	0	0	0	0	0	0	0	0	0	1	0	1
Total Ammonia	MG/L	Monthly Average	0	0	0	0.31	0.45	0	0	0	0	0	2.80	0.75	2.80
Nitrate	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Nitrate	MG/L	Maximum	0	0	0	0.096	72	0	0	0	0	0	0.19	4.6	72
Nitrate	MG/L	Exceedance(>10)	0	0	0	0	1	0	0	0	0	0	0	0	1
Nitrate	MG/L	Monthly Average	0	0	0	0.096	72	0	0	0	0	0	0.19	1.653	72
Orthophosphate	MG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Orthophosphate	MG/L	Maximum	0	0	0	0.19	0	0	0	0	0	0	0	0	0.19
Orthophosphate	MG/L	Exceedance(>0.436)	0	0	0	0	0	0	0	0	0	0	0	0	0
Orthophosphate	MG/L	Monthly Average	0	0	0	0.19	0	0	0	0	0	0	0	0	0.19
Total Lead	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Lead	MG/L	Maximum	0	0	0	0.0012	0.0006	0	0	0	0	0	0.00098	0.0011	0.0012
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0	0.0012	0.0006	0	0	0	0	0	0.0010	0.0005	0.0012
pH	PH UNITS	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
pH	PH UNITS	Maximum	0	0	0	6.65	6.22	0	0	0	0	0	7.31	7.78	7.78
pH	PH UNITS	Minimum	0	0	0	6.65	6.22	0	0	0	0	0	7.31	6.98	6.22
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Phenolics	MG/L	Maximum	0	0	0	0.001	<0.001	0	0	0	0	0	0.035	0.001	0.035
Phenolics	MG/L	Exceedance(>0.1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenolics	MG/L	Monthly Average	0	0	0	0.0010	0.0005	0	0	0	0	0	0.0350	0.0007	0.0350
Total Phosphates as P2O5	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	1	3	5
Total Phosphates as P2O5	MG/L	Maximum	0	0	0	0	67	0	0	0	0	0	16	3.9	67
Total Phosphates as P2O5	MG/L	Exceedance(>1)	0	0	0	0	1	0	0	0	0	0	1	3	5
Total Phosphates as P2O5	MG/L	Monthly Average	0	0	0	0	67	0	0	0	0	0	16	3	67
Total Selenium	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	0	3	5
Total Selenium	MG/L	Maximum	0	0	0	<0.0005	0.00061	0	0	0	0	0	0	<0.0005	0.00061
Total Selenium	MG/L	Exceedance(>0.01)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Selenium	MG/L	Monthly Average	0	0	0	0.00025	0.00061	0	0	0	0	0	0	0.00025	0.00061
Calculated TDS	MG/L	# of Samples	0	0	0	1	0	0	0	0	0	0	0	0	1
Calculated TDS	MG/L	Maximum	0	0	0	140	0	0	0	0	0	0	0	0	140
Calculated TDS	MG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Calculated TDS	MG/L	Monthly Average	0	0	0	140	0	0	0	0	0	0	0	0	140

TABLE 61 CONTINUED: Pardy's Waste Management (Incinerator Road) 2024 Waste Water Treatment Plant

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TDS Measured	MG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	1	3	5
TDS Measured	MG/L	Maximum	0	0	0	0	1600	0	0	0	0	0	1200	1500	1600
TDS Measured	MG/L	Exceedance(>1000)	0	0	0	0	1	0	0	0	0	0	1	2	4
TDS Measured	MG/L	Monthly Average	0	0	0	0	1600	0	0	0	0	0	1200	1183	1600
TPH (Atlantic PIRI)	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
TPH (Atlantic PIRI)	MG/L	Maximum	0	0	0	0.11	0.099	0	0	0	0	0	0.89	0.28	0.89
TPH (Atlantic PIRI)	MG/L	Exceedance(>15)	0	0	0	0	0	0	0	0	0	0	0	0	0
TPH (Atlantic PIRI)	MG/L	Monthly Average	0	0	0	0.11	0.099	0	0	0	0	0	0.89	0.25	0.89
TSS	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
TSS	MG/L	Maximum	0	0	0	11	25	0	0	0	0	0	39	37	39
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	1	1	2
TSS	MG/L	Monthly Average	0	0	0	11	25	0	0	0	0	0	39	23	39
Total Zinc	MG/L	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Zinc	MG/L	Maximum	0	0	0	0.046	0.240	0	0	0	0	0	0.180	0.052	0.240
Total Zinc	MG/L	Exceedance(>0.5)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0	0.046	0.240	0	0	0	0	0	0.180	0.029	0.240
Fecal Coliform MF	CFU/ML	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Fecal Coliform MF	CFU/ML	Maximum	0	0	0	0.8	1	0	0	0	0	0	1	<1.0	1
Fecal Coliform MF	CFU/ML	Exceedance(>10)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fecal Coliform MF	CFU/ML	Monthly Average	0	0	0	0.8	1	0	0	0	0	0	1	0.5	1
Total Coliform MF	CFU/ML	# of Samples	0	0	0	1	1	0	0	0	0	0	1	3	6
Total Coliform MF	CFU/ML	Maximum	0	0	0	8.6	1.0	0	0	0	0	0	84.0	81.0	84.0
Total Coliform MF	CFU/ML	Exceedance(>50)	0	0	0	0	0	0	0	0	0	0	1	1	2
Total Coliform MF	CFU/ML	Monthly Average	0	0	0	8.6	1.0	0	0	0	0	0	84.0	33.5	84.0

TABLE 62: Tacora Resources (Wabush) 2024 East Pit 2 Dewatering (Sylvio Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	2	0	0	9
Total Arsenic	MG/L	Maximum	<0.0010	0	0	<0.0010	0	<0.0010	<0.0010	0	<0.0010	<0.0010	0	0	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0.0005	0.0005	0	0.0005	0.0005	0	0	0.0005
Total Copper	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	2	0	0	9
Total Copper	MG/L	Maximum	<0.0005	0	0	<0.0005	0	<0.0005	<0.0005	0	<0.0005	<0.0005	0	0	<0.0005
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0.00025	0.00025	0	0.00025	0.00025	0	0	0.00025
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
Un-ionized Ammonia	MG/L	Maximum	<0.0004	<0.0004	<0.0004	<0.0004	0.0005	<0.0008	<0.0022	<0.0020	<0.0018	<0.0015	<0.0004	<0.0004	<0.0022
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0005	0.0005	0.0004	0.0003	0.0002	0.0002	0.0005
Total Nickel	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	2	0	0	9
Total Nickel	MG/L	Maximum	<0.0020	0	0	<0.0020	0	<0.0020	<0.0020	0	<0.0020	<0.0020	0	0	<0.0020
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0	0	0.001	0	0.001	0.001	0	0.001	0.001	0	0	0.001
Total Lead	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	2	0	0	9
Total Lead	MG/L	Maximum	<0.0005	0	0	<0.0005	0	<0.0005	<0.0005	0	<0.0005	<0.0005	0	0	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0.00025	0.00025	0	0.00025	0.00025	0	0	0.00025
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
pH	PH UNITS	Maximum	7.67	7.50	7.55	7.51	7.64	7.61	7.63	7.67	7.66	7.61	7.47	7.52	7.67
pH	PH UNITS	Minimum	7.45	7.35	7.24	7.41	7.16	7.48	7.52	7.46	7.51	7.34	7.19	7.23	7.16
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	0	0	1	0	1	2	0	1	2	0	0	8
Radium-226	BQ/L	Maximum	<0.010	0	0	<0.010	0	<0.010	<0.010	0	<0.010	<0.010	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0	0	0.005	0	0.005	0.005	0	0.005	0.005	0	0	0.005
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
TSS	MG/L	Maximum	0.8	0.6	<0.5	3.9	4.6	1.7	2.3	1.8	1.1	2.4	0.9	1.2	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	0.5	0.4	0.3	1.6	2.2	1.3	1.6	1.3	0.6	0.9	0.4	0.5	2.2
Total Zinc	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	2	0	0	9
Total Zinc	MG/L	Maximum	<0.005	0	0	<0.005	0	<0.005	<0.005	0	0.0052	<0.005	0	0	0.0052
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0025	0	0	0.0025	0	0.0025	0.0025	0	0.0052	0.0025	0	0	0.0052

TABLE 63: Tacora Resources (Wabush) 2024 Flora Lake Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	0	0	1	0	2	1	0	1	2	0	0	8
Total Arsenic	MG/L	Maximum	<0.0010	0	0	<0.0010	0	0.0011	<0.0010	0	<0.0010	<0.0010	0	0	0.0011
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0.0008	0.0005	0	0.0005	0.0005	0	0	0.0008
Total Copper	MG/L	# of Samples	1	0	0	1	0	2	1	0	1	2	0	0	8
Total Copper	MG/L	Maximum	<0.0005	0	0	<0.0005	0	<0.0005	<0.0005	0	<0.0005	<0.0005	0	0	<0.0005
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0.00025	0.00025	0	0.00025	0.0003	0	0	0.00025
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
Un-ionized Ammonia	MG/L	Maximum	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	0.0012	<0.0006	<0.0019	<0.0019	0.0026	0.0006	<0.0005	0.0026
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0002	0.0002	0.0002	0.0002	0.0002	0.0005	0.0002	0.0006	0.0005	0.0008	0.0003	0.0002	0.0008
Total Nickel	MG/L	# of Samples	1	0	0	1	0	2	1	0	1	2	0	0	8
Total Nickel	MG/L	Maximum	<0.0020	0	0	<0.0020	0	<0.0020	<0.0020	0	<0.0020	<0.0020	0	0	<0.0020
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0	0	0.001	0	0.001	0.001	0	0.001	0.001	0	0	0.001
Total Lead	MG/L	# of Samples	1	0	0	1	0	2	1	0	1	2	0	0	8
Total Lead	MG/L	Maximum	<0.0005	0	0	<0.0005	0	<0.0005	<0.0005	0	<0.0005	<0.0005	0	0	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0.00025	0.00025	0	0.00025	0.00025	0	0	0.00025
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
pH	PH UNITS	Maximum	7.83	7.68	7.76	7.67	7.72	7.76	7.74	7.80	7.87	7.81	7.96	7.78	7.96
pH	PH UNITS	Minimum	7.73	7.58	7.61	7.55	7.42	7.44	7.59	7.64	7.70	7.67	7.62	7.60	7.42
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	0	0	1	0	1	1	0	1	2	0	0	7
Radium-226	BQ/L	Maximum	<0.010	0	0	<0.010	0	<0.010	<0.010	0	<0.010	<0.010	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0	0	0.005	0	0.005	0.005	0	0.005	0.005	0	0	0.005
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	6	4	5	54
TSS	MG/L	Maximum	2.3	1.3	2.4	6.9	5.4	15.0	3.7	4.3	1.2	5.4	1.9	1.4	15.0
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	0.9	1.7	3.2	5.0	9.5	2.9	2.5	0.7	1.8	1.3	0.6	9.5
Total Zinc	MG/L	# of Samples	1	0	0	1	0	2	1	0	1	2	0	0	8
Total Zinc	MG/L	Maximum	<0.0050	0	0	<0.0050	0	<0.0050	<0.0050	0	<0.0050	<0.0050	0	0	<0.0050
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0025	0	0	0.0025	0	0.0025	0.0025	0	0.0025	0.0025	0	0	0.0025

TABLE 64: Tacora Resources (Wabush) 2024 Tailings Line Emergency Dump Basin (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	2	0	0	1	0	0	1	0	0	5
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	2	0	0	1	0	0	1	0	0	5
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	2	0	0	1	0	0	1	0	0	5
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	2	0	0	1	0	0	1	0	0	5
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	1	0	0	8
Total Arsenic	MG/L	Maximum	<0.0010	0	0	<0.0010	0	<0.0010	<0.0010	0	<0.0010	<0.0010	0	0	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0.0005	0.0005	0	0.0005	0.0005	0	0	0.0005
Total Copper	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	1	0	0	8
Total Copper	MG/L	Maximum	<0.0005	0	0	0.0011	0	0.0007	0.0010	0	<0.0005	<0.0005	0	0	0.0011
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0	0	0	0.0011	0	0.0005	0.0008	0	0.0003	0.0003	0	0	0.0011
Un-ionized Ammonia	MG/L	# of Samples	3	2	4	7	6	5	5	6	3	7	2	2	52
Un-ionized Ammonia	MG/L	Maximum	0.0023	0	0.0013	0.0015	0.0033	0.0039	0.0020	0.0023	0.0015	0.0012	0.0007	<0.0004	0.0039
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0012	0	0.0007	0.0006	0.0013	0.0015	0.0010	0.0016	0.0010	0.0004	0.0006	0.0002	0.0016
Total Nickel	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	1	0	0	8
Total Nickel	MG/L	Maximum	<0.0020	0	0	<0.0020	0	<0.0020	<0.0020	0	<0.0020	<0.0020	0	0	<0.0020
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0	0	0.001	0	0.001	0.001	0	0.001	0.001	0	0	0.001
Total Lead	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	1	0	0	8
Total Lead	MG/L	Maximum	<0.0005	0	0	<0.0005	0	<0.0005	<0.0005	0	<0.0005	<0.0005	0	0	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0	0	0.00025	0	0.00025	0.00025	0	0.00025	0.00025	0	0	0.00025
pH	PH UNITS	# of Samples	3	2	4	7	6	5	5	6	3	7	2	2	52
pH	PH UNITS	Maximum	7.59	7.43	7.60	7.71	7.74	7.84	7.69	7.79	7.80	7.85	7.92	7.78	7.92
pH	PH UNITS	Minimum	7.28	7.28	7.26	7.47	7.51	7.67	7.52	7.41	7.70	7.35	7.59	7.55	7.26
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	0	0	1	0	1	2	0	1	1	0	0	7
Radium-226	BQ/L	Maximum	<0.010	0	0	<0.010	0	<0.010	<0.010	0	<0.010	<0.010	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0	0	0.005	0	0.005	0.005	0	0.005	0.005	0	0	0.005
TSS	MG/L	# of Samples	3	2	4	13	6	5	5	6	3	7	2	2	58
TSS	MG/L	Maximum	5.6	6	30.0	80.0	8.6	5.6	3.6	17.0	2.1	18.0	1.9	1.6	80.0
TSS	MG/L	Exceedance(>30)	0	0	0	6	0	0	0	0	0	0	0	0	6
TSS	MG/L	Monthly Average	4.2	4.8	8.9	28.6	6.9	4.4	2.5	9.5	1.1	6.4	1.5	0.9	28.6
Total Zinc	MG/L	# of Samples	1	0	0	1	0	2	2	0	1	1	0	0	8
Total Zinc	MG/L	Maximum	0.0090	0	0	<0.0050	0	0.0051	<0.0050	0	<0.0050	<0.0050	0	0	0.0090
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0090	0	0	0.0025	0	0.0038	0.0025	0	0.0025	0.0025	0	0	0.0090

TABLE 65: Tacora Resources (Wabush) 2024 West Pit Dewatering (Settling Basin)

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	1	0	0	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	0	0	1	0	2	1	1	1	2	0	0	9
Total Arsenic	MG/L	Maximum	<0.0010	0	0	<0.0010	0	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0	0	<0.0010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0	0	0.0005	0	0.0005	0.0005	0.0005	0.0005	0.0005	0	0	0.0005
Total Copper	MG/L	# of Samples	1	0	0	1	0	2	1	1	1	2	0	0	9
Total Copper	MG/L	Maximum	<0.0005	0	0	0.00380	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0	0	0.00380
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.00025	0	0	0.00380	0	0.00025	0.00025	0.00025	0.00025	0.00025	0	0	0.00380
Un-ionized Ammonia	MG/L	# of Samples	5	4	2	3	4	3	5	4	4	6	4	5	49
Un-ionized Ammonia	MG/L	Maximum	<0.0004	<0.0007	<0.0004	0.0005	<0.0005	<0.0004	0.0060	<0.0023	0.0060	0.0160	<0.0004	<0.0004	0.0160
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0016	0.0007	0.0019	0.0031	0.0002	0.0002	0.0031
Total Nickel	MG/L	# of Samples	1	0	0	1	0	2	1	1	1	2	0	0	9
Total Nickel	MG/L	Maximum	<0.0020	0	0	0.0031	0	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	0	0	0.0031
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0010	0	0	0.0031	0	0.0010	0.0010	0.0010	0.001	0.0010	0	0	0.0031
Total Lead	MG/L	# of Samples	1	0	0	1	0	2	1	1	1	2	0	0	9
Total Lead	MG/L	Maximum	<0.0005	0	0	0.00120	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0	0	0.00120
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0	0	0.00120	0	0.00025	0.00025	0.00025	0.00025	0.00025	0	0	0.00120
pH	PH UNITS	# of Samples	5	4	2	3	4	3	5	4	4	6	4	5	49
pH	PH UNITS	Maximum	7.80	7.80	7.69	7.76	7.80	7.80	7.82	7.84	7.82	7.87	7.86	7.80	7.87
pH	PH UNITS	Minimum	7.65	7.72	7.65	7.18	7.58	7.74	7.55	7.77	7.80	7.74	7.52	7.64	7.18
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	0	0	1	0	0	1	1	1	2	0	0	7
Radium-226	BQ/L	Maximum	<0.010	0	0	<0.010	0	0	<0.010	<0.010	<0.010	<0.010	0	0	<0.010
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.005	0	0	0.005	0	0	0.005	0.005	0.005	0.005	0	0	0.005
TSS	MG/L	# of Samples	5	4	2	3	4	2	5	4	4	6	4	5	48
TSS	MG/L	Maximum	0.8	0.5	<0.50	320.0	0.6	1.4	1.8	2.2	0.7	0.9	0.7	<0.50	320.0
TSS	MG/L	Exceedance(>30)	0	0	0	1	0	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	0.5	0.3	0.3	107.2	0.3	1.3	1.1	1.0	0.4	0.4	0.4	0.3	107.2
Total Zinc	MG/L	# of Samples	1	0	0	1	0	2	1	1	1	2	0	0	9
Total Zinc	MG/L	Maximum	<0.0050	0.0000	0	0.021	0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0	0	0.0210
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0025	0	0	0.021	0	0.0025	0.0025	0.0025	0.0025	0.0025	0	0	0.021

TABLE 66: Tata Steel Minerals Canada Limited 2024 COASW11

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	0	0	0	0	1	0	0	0	0	0	0	0	1
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Arsenic	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Arsenic	UG/L	Maximum	0	0	0	0	<1.0	0	0	0	0	0	0	0	<1.0
Total Arsenic	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5
Total Copper	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Copper	UG/L	Maximum	0	0	0	0	<1.0	0	0	0	0	0	0	0	<1.0
Total Copper	UG/L	Exceedance(>600)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	UG/L	Monthly Average	0	0	0	0	0.5	0	0	0	0	0	0	0	0.5
Total Nickel	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Nickel	UG/L	Maximum	0	0	0	0	<2.0	0	0	0	0	0	0	0	<2.0
Total Nickel	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	UG/L	Monthly Average	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Lead	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Lead	UG/L	Maximum	0	0	0	0	<0.50	0	0	0	0	0	0	0	<0.50
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0	0	0	0	0.25	0	0	0	0	0	0	0	0.25
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	6.65	0	0	0	0	0	0	0	6.65
pH	PH UNITS	Minimum	0	0	0	0	6.65	0	0	0	0	0	0	0	6.65
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Radium-226	BQ/L	Maximum	0	0	0	0	<0.005	0	0	0	0	0	0	0	<0.005
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	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	18	0	0	0	0	0	0	0	18
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	18	0	0	0	0	0	0	0	18
Total Zinc	UG/L	# of Samples	0	0	0	0	1	0	0	0	0	0	0	0	1
Total Zinc	UG/L	Maximum	0	0	0	0	46	0	0	0	0	0	0	0	46
Total Zinc	UG/L	Exceedance(>1000)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	UG/L	Monthly Average	0	0	0	0	46	0	0	0	0	0	0	0	46

TABLE 67: Teck Resources (Millertown) 2024 Dam A

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	1	1	1	1	1	1	1	1	1	1	1	12
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Arsenic	MG/L	Maximum	0.0005	0.0005	0.0006	0.0005	0.0005	0.0011	0.0009	0.0023	0.0006	0.0007	0.0005	0.0005	0.0023
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0004	0.0005	0.0005	0.0004	0.0004	0.0007	0.0008	0.0010	0.0006	0.0005	0.0004	0.0004	0.0010
Total Cyanide	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Cyanide	MG/L	Maximum	<0.01	<0.01	<0.01	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01
Total Cyanide	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cyanide	MG/L	Monthly Average	0.0050	0.0050	0.0050	0.0030	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0031	0.0050	0.0050
Total Copper	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Copper	MG/L	Maximum	0.0025	<0.001	<0.001	0.0180	<0.001	0.0020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0180
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0010	0.0005	0.0005	0.0043	0.0005	0.0009	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0043
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Un-ionized Ammonia	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
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	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
Total Nickel	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Nickel	MG/L	Maximum	0.0005	0.0005	0.0004	0.0029	0.0004	0.0007	0.0015	0.0008	0.0009	0.0013	0.0698	0.0007	0.0698
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0003	0.0004	0.0004	0.0009	0.0003	0.0005	0.0013	0.0008	0.0008	0.0008	0.0180	0.0007	0.0180
Total Lead	UG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Lead	UG/L	Maximum	0.14	<0.09	6.44	0.97	<0.09	0.27	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	6.44
Total Lead	UG/L	Exceedance(>200)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	UG/L	Monthly Average	0.064	0.045	1.665	0.241	0.045	0.101	0.045	0.045	0.045	0.045	0.045	0.045	1.665
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
pH	PH UNITS	Maximum	7.60	7.58	7.57	7.86	7.73	7.66	7.74	7.79	7.78	7.71	7.66	7.45	7.86
pH	PH UNITS	Minimum	7.09	7.35	7.51	7.32	7.58	7.46	7.40	7.63	7.34	6.52	7.38	6.92	6.52
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Radium-226	BQ/L	Maximum	<0.005	<0.005	0.017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	0.017
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.0025	0.0025	0.0170	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0050	0.0025	0.0025	0.0170

TABLE 67 CONTINUED: Teck Resources (Millertown) 2024 Dam A

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
TSS	MG/L	Maximum	5.0	3.0	2.0	2.0	2.0	6.0	2.0	2.0	3	<2	<2	2.0	6.0
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.6	1.5	1.3	1.2	1.3	2.8	1.4	1.5	1.8	1.0	1.0	1.2	2.8
Total Zinc	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Zinc	MG/L	Maximum	0.008	0.008	0.010	0.227	0.007	0.005	0.009	0.004	0.003	0.064	0.003	0.005	0.227
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.008	0.008	0.008	0.051	0.006	0.005	0.006	0.003	0.003	0.015	0.003	0.004	0.051

TABLE 68: Teck Resources (Millertown) 2024 Dam C

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	2	1	1	1	1	1	1	1	1	1	1	1	13
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	2	1	1	1	1	1	1	1	1	1	1	1	13
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	2	1	1	1	1	1	1	1	1	1	1	1	13
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	2	1	1	1	1	1	1	1	1	1	1	1	13
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Arsenic	MG/L	Maximum	0.0007	0.0006	0.0004	0.0004	0.0005	0.0006	0.0005	0.0009	0.0007	0.0005	0.0005	0.0004	0.0009
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0005	0.0005	0.0004	0.0004	0.0004	0.0005	0.0004	0.0006	0.0005	0.0004	0.0004	0.0004	0.0006
Total Cyanide	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Cyanide	MG/L	Maximum	<0.01	<0.01	<0.01	<0.01	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	<0.01	<0.01
Total Cyanide	MG/L	Exceedance(>1)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cyanide	MG/L	Monthly Average	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.005	0.005
Total Copper	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Copper	MG/L	Maximum	0.0269	0.02	0.021	0.018	0.018	0.021	0.014	0.006	0.004	0.014	0.024	0.0290	0.0290
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.0242	0.0178	0.0163	0.0103	0.0145	0.0195	0.0100	0.0050	0.0038	0.0066	0.0230	0.0266	0.0266
Un-ionized Ammonia	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Un-ionized Ammonia	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	0.0010
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005	0.0006
Total Nickel	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Nickel	MG/L	Maximum	0.0029	0.0032	0.0037	0.0031	0.0017	0.0023	0.0014	0.0008	0.0005	0.0011	0.0044	0.0039	0.0044
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0028	0.0030	0.0025	0.0018	0.0015	0.0021	0.0010	0.0007	0.0005	0.0006	0.0029	0.0036	0.0036
Total Lead	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Lead	MG/L	Maximum	0.0033	0.0021	0.0015	0.0007	0.0011	0.0015	0.0011	0.0009	0.0003	0.0014	0.0022	0.0020	0.0033
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0026	0.0016	0.0010	0.0005	0.0008	0.0014	0.0007	0.0005	0.0002	0.0006	0.0021	0.0016	0.0026

TABLE 68 CONTINUED: Teck Resources (Millertown) 2024 Dam C

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
pH	PH UNITS	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
pH	PH UNITS	Maximum	7.31	7.43	7.63	7.57	7.45	7.45	7.42	7.6	7.56	7.73	7.2	7.11	7.73
pH	PH UNITS	Minimum	7.04	7.19	7.31	6.98	7.39	7.12	7.2	7.46	7.32	6.99	7.01	6.65	6.65
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	1	1	1	1	1	1	1	1	2	1	1	13
Radium-226	BQ/L	Maximum	<0.005	0.011	0.011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.011
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.0025	0.0110	0.0110	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0110
TSS	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
TSS	MG/L	Maximum	4	2	2	2	2	2	5	2	2	3	3	2.0	5.0
TSS	MG/L	Exceedance(>30)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSS	MG/L	Monthly Average	2.8	1.3	1.8	1.6	1.3	1.3	2.0	1.3	1.3	1.8	2.0	1.2	2.8
Total Zinc	MG/L	# of Samples	5	4	4	5	4	4	5	4	4	5	4	5	53
Total Zinc	MG/L	Maximum	0.318	0.318	0.284	0.25	0.144	0.175	0.113	0.058	0.035	0.146	0.282	0.346	0.346
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.297	0.293	0.208	0.128	0.119	0.159	0.072	0.040	0.028	0.068	0.264	0.336	0.336

TABLE 69: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Arsenic	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
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Total Copper	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Copper	MG/L	Maximum	0.004	<0.002	<0.002	0.002	0.003	0.004	0.006	0.005	0.003	0.004	0.005	0.007	0.007
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.004	0.001	0.001	0.002	0.003	0.004	0.006	0.005	0.003	0.004	0.005	0.007	0.007
Total Nickel	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Nickel	MG/L	Maximum	0.008	0.01	0.066	0.022	0.016	0.033	0.076	0.007	0.008	0.021	0.025	<0.002	0.076
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.0080	0.0100	0.0660	0.0220	0.0160	0.0330	0.0760	0.0070	0.0080	0.0210	0.0250	0.0010	0.0760
Total Lead	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Lead	MG/L	Maximum	0.0011	0.0006	0.0006	0.0008	0.0008	0.0012	0.0011	0.0008	<0.0005	0.0014	0.0007	<0.0005	0.0014
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0011	0.0006	0.0006	0.0008	0.0008	0.0012	0.0011	0.0008	0.0003	0.0014	0.0007	0.0003	0.0014
pH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
pH	PH UNITS	Maximum	6.81	6.14	6.10	6.22	6.25	7.53	6.28	7.01	7.09	6.65	6.33	6.50	7.53
pH	PH UNITS	Minimum	6.81	6.14	6.10	6.22	6.25	7.53	6.28	7.01	7.09	6.65	6.33	6.50	6.10
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 69 CONTINUED: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D2

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
TSS	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
TSS	MG/L	Maximum	<5	<2	<2	<2	<2	<2	<2	<2	<2	2	<2	<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	2.5	1	1	1	1	1	1	1	1	2	1	1	2.5
Total Zinc	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Zinc	MG/L	Maximum	0.018	0.029	0.02	0.021	0.093	0.035	0.03	0.013	0.019	0.024	0.018	0.008	0.093
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.018	0.029	0.020	0.021	0.093	0.035	0.030	0.013	0.019	0.024	0.018	0.008	0.093

TABLE 70: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D25

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	MG/L	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
Total Arsenic	MG/L	Maximum	0	0	<0.002	<0.002	<0.002	<0.002	<0.002	0	<0.002	<0.002	<0.002	<0.002	<0.002
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0	0	0.001	0.001	0.001	0.001	0.001	0	0.001	0.001	0.001	0.001	0.001
Total Copper	MG/L	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
Total Copper	MG/L	Maximum	0	0	<0.002	<0.002	<0.002	<0.002	<0.002	0	<0.002	0.002	<0.002	<0.002	0.002
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0	0	0.001	0.001	0.001	0.001	0.001	0	0.001	0.002	0.001	0.001	0.002
Total Nickel	MG/L	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
Total Nickel	MG/L	Maximum	0	0	<0.002	<0.002	<0.002	0.003	0.003	0	<0.002	<0.002	<0.002	0.002	0.003
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0	0	0.001	0.001	0.001	0.003	0.003	0	0.001	0.001	0.001	0.002	0.003
Total Lead	MG/L	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
Total Lead	MG/L	Maximum	0	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0	0	0.00025	0.00025	0.00025	0.00025	0.00025	0	0.00025	0.00025	0.00025	0.00025	0.00025
pH	PH UNITS	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
pH	PH UNITS	Maximum	0	0	6.49	6.72	6.8	5.99	6.76	0	6.88	6.9	6.65	6.61	6.9
pH	PH UNITS	Minimum	0	0	6.49	6.72	6.8	5.99	6.76	0	6.88	6.9	6.65	6.61	5.99
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	1	1	1	1	1	0	1	1	1	1	9
TSS	MG/L	Maximum	0	0	<2	<2	<2	10	4	0	<2	4	4	<2	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	0	1	1	1	10	4	0	1	4	4	1	10
Total Zinc	MG/L	# of Samples	0	0	1	1	1	1	1	0	1	1	1	1	9
Total Zinc	MG/L	Maximum	0	0	<0.005	<0.005	<0.005	<0.005	0.009	0	<0.005	<0.005	0.008	0.006	0.009
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0	0	0.0025	0.0025	0.0025	0.0025	0.009	0	0.0025	0.0025	0.008	0.006	0.009

TABLE 71: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D3

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Arsenic	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
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	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
Total Copper	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total 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
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 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
Total Nickel	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Nickel	MG/L	Maximum	<0.002	0.004	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.002	0.003	0.002	0.004
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0.004	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.002	0.004
Total Lead	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Lead	MG/L	Maximum	0.0006	0.0013	0.0005	0.0006	0.0006	0.0009	<0.0005	<0.0005	<0.0005	0.0008	0.0006	0.0009	0.0013
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.0006	0.0013	0.0005	0.0006	0.0006	0.0009	0.00025	0.00025	0.00025	0.0008	0.0006	0.0009	0.0013
pH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
pH	PH UNITS	Maximum	6.83	6.52	6.57	6.66	6.61	7.34	6.68	7.15	7.53	7.17	6.85	7.22	7.53
pH	PH UNITS	Minimum	6.83	6.52	6.57	6.66	6.61	7.34	6.68	7.15	7.53	7.17	6.85	7.22	6.52
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	<2	<2	<2	<2	2	<2	<2	<2	<2	<2	29	29
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	1	1	1	1	2	1	1	1	1	1	29	29
Total Zinc	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Zinc	MG/L	Maximum	0.007	0.012	0.006	0.006	<0.005	0.009	0.013	0.007	<0.005	<0.005	0.008	0.008	0.013
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.007	0.012	0.006	0.006	0.0025	0.009	0.013	0.007	0.0025	0.0025	0.008	0.008	0.013

TABLE 72: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Arsenic	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Arsenic	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
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	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
Total Copper	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Copper	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.006	<0.002	<0.002	0.006
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.006	0.001	0.001	0.006

TABLE 72 CONTINUED: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 D5

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Nickel	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total 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
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.002
Total Lead	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Lead	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0012	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0012
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00025	0.00025	0.0012	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.0012
pH	PH UNITS	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
pH	PH UNITS	Maximum	6.75	6.66	6.68	6.81	6.83	7.24	6.76	7.29	7.21	7.36	6.87	7.19	7.36
pH	PH UNITS	Minimum	6.75	6.66	6.68	6.81	6.83	7.24	6.76	7.29	7.21	7.36	6.87	7.19	6.66
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	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<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	2.5	1	1	1	1	1	1	1	1	1	1	1	2.5
Total Zinc	MG/L	# of Samples	1	1	1	1	1	1	1	1	1	1	1	1	12
Total Zinc	MG/L	Maximum	0.029	<0.005	<0.005	<0.005	0.005	<0.005	0.005	<0.005	<0.005	<0.005	0.005	0.005	0.029
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.029	0.0025	0.0025	0.0025	0.005	0.0025	0.005	0.0025	0.0025	0.0025	0.005	0.005	0.029

TABLE 73: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 FDP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	0	0	1	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	0	0	1	1	0	0	1	0	0	4
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	0	0	1	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	0	0	1	1	0	0	1	0	0	4
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Total Arsenic	MG/L	Maximum	<0.002	<0.002	0	0	0	<0.002	<0.002	0	0	<0.002	<0.002	0	<0.002
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.001	0.001	0	0	0	0.001	0.001	0	0	0.001	0.001	0	0.001

TABLE 73 CONTINUED: Vale Newfoundland and Labrador Limited (Long Harbour) 2024 FDP1

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
Total Copper	MG/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Total Copper	MG/L	Maximum	0.003	<0.002	0	0	0	0.011	0.003	0	0	0.002	0.005	0	0.011
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.003	0.001	0	0	0	0.007	0.002	0	0	0.002	0.005	0	0.007
Un-ionized Ammonia	MG/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Un-ionized Ammonia	MG/L	Maximum	<0.05	<0.05	0	0	0	<0.05	<0.05	0	0	<0.05	<0.05	0	<0.05
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.025	0.025	0	0	0	0.025	0.025	0	0	0.025	0.025	0	0.025
Total Nickel	MG/L	# of Samples	5	5	4	0	1	5	6	4	4	4	3	5	46
Total Nickel	MG/L	Maximum	0.107	0.094	0.105	0	0.116	0.094	0.108	0.147	0.21	0.282	0.267	0.374	0.374
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.086	0.079	0.100	0	0.116	0.088	0.080	0.118	0.172	0.229	0.255	0.193	0.255
Total Lead	MG/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Total Lead	MG/L	Maximum	0.0005	<0.0005	0	0	0	<0.0005	<0.0005	0	0	<0.0005	<0.0005	0	0.0005
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00050	0.00025	0	0	0	0.00025	0.00025	0	0	0.00025	0.00025	0	0.00050
pH	PH UNITS	# of Samples	6	6	4	0	1	7	8	4	4	5	4	5	54
pH	PH UNITS	Maximum	7.04	7.42	7.28	0	7.64	7.43	7.89	7.64	7.63	7.45	7.56	8.18	8.18
pH	PH UNITS	Minimum	6.39	6.63	6.6	0	7.64	6.67	6.54	7.52	7.53	7.25	7.41	7.25	6.39
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Radium-226	BQ/L	Maximum	<0.005	0.007	0	0	0	<0.005	0.007	0	0	<0.005	<0.005	0	0.007
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.0025	0.0070	0	0	0	0.0025	0.0048	0	0	0.0025	0.0025	0	0.0070
TSS	MG/L	# of Samples	5	5	4	0	1	5	6	4	4	4	3	5	46
TSS	MG/L	Maximum	3	2	4	0	<2	3	5	7	2	3	4.4	5	7
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	1.2	2.3	0	1.0	2.0	3.2	3.5	1.3	1.8	2.1	2.4	3.5
Total Zinc	MG/L	# of Samples	1	1	0	0	0	2	2	0	0	1	1	0	8
Total Zinc	MG/L	Maximum	0.011	0.01	0	0	0	0.01	0.022	0	0	0.007	0.007	0	0.022
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0110	0.0100	0	0	0	0.0085	0.0145	0	0	0.0070	0.007	0	0.0145

TABLE 74: Vale Newfoundland and Labrador (Voisey's Bay) 2024 Treated Effluent Discharge

PARAMETER	UOM	DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Overall
LT50 Daphnia Magna (Pass)	PASS/FAIL	# of Samples	1	0	0	1	1	0	1	0	0	1	0	0	5
LT50 Daphnia Magna (Pass)	PASS/FAIL	Pass	1	0	0	1	1	0	1	0	0	1	0	0	5
LT50 Daphnia Magna (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
LT50 Rainbow Trout (Pass)	PASS/FAIL	# of Samples	1	0	0	1	1	0	1	0	0	1	0	0	5
LT50 Rainbow Trout (Pass)	PASS/FAIL	Pass	1	0	0	1	1	0	1	0	0	1	0	0	5
LT50 Rainbow Trout (Pass)	PASS/FAIL	Fail	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Total Arsenic	MG/L	Maximum	<0.002	<0.002	<0.002	<0.002	<0.002	0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.010	<0.010
Total Arsenic	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Arsenic	MG/L	Monthly Average	0.001	0.001	0.001	0.001	0.001	0	0.001	0.001	0.001	0.001	0.001	0.002	0.002
Total Copper	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Total Copper	MG/L	Maximum	0.006	<0.002	<0.002	<0.002	<0.002	0	0.022	0.003	<0.002	0.004	<0.002	0.011	0.022
Total Copper	MG/L	Exceedance(>0.6)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Copper	MG/L	Monthly Average	0.002	0.001	0.001	0.001	0.001	0	0.006	0.002	0.001	0.002	0.001	0.003	0.006
Un-ionized Ammonia	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Un-ionized Ammonia	MG/L	Maximum	0.14	0.17	0.22	0.24	0.33	0	0.43	0.45	0.28	0.24	0.09	0.13	0.45
Un-ionized Ammonia	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Un-ionized Ammonia	MG/L	Monthly Average	0.097	0.148	0.153	0.197	0.257	0	0.233	0.340	0.250	0.150	0.071	0.092	0.340
Total Nickel	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Total Nickel	MG/L	Maximum	0.044	0.038	0.045	0.05	0.063	0	0.056	0.046	0.034	0.128	0.092	0.106	0.128
Total Nickel	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nickel	MG/L	Monthly Average	0.037	0.034	0.044	0.040	0.060	0	0.043	0.038	0.028	0.075	0.083	0.085	0.085
Total Lead	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Total Lead	MG/L	Maximum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0	<0.0005	<0.001	<0.0005	0.0006	0.0006	<0.0025	<0.0025
Total Lead	MG/L	Exceedance(>0.2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lead	MG/L	Monthly Average	0.00025	0.00025	0.00025	0.00025	0.00025	0	0.00025	0.00031	0.00025	0.00032	0.00034	0.00045	0.00045
pH	PH UNITS	# of Samples	12	8	8	6	6	0	8	8	4	10	8	10	88
pH	PH UNITS	Maximum	8.50	6.34	6.53	6.58	6.76	0	7.16	7.58	7.14	7.41	7.54	7.33	8.50
pH	PH UNITS	Minimum	6.13	6.20	6.20	6.25	6.55	0	6.25	7.07	7.06	6.62	6.89	6.91	6.13
pH	PH UNITS	Exceedance(<5.5,>9.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	# of Samples	1	0	0	1	1	0	2	1	0	1	1	0	8
Radium-226	BQ/L	Maximum	<0.005	0	0	<0.005	<0.005	0	<0.005	<0.005	0	0.008	<0.005	0	0.008
Radium-226	BQ/L	Exceedance(>1.11)	0	0	0	0	0	0	0	0	0	0	0	0	0
Radium-226	BQ/L	Monthly Average	0.0025	0	0	0.0025	0.0025	0	0.0025	0.0025	0	0.008	0.0025	0	0.008
TSS	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
TSS	MG/L	Maximum	38	8	6	3	3	0	4	5	4	5	5	5	38
TSS	MG/L	Exceedance(>30)	1	0	0	0	0	0	0	0	0	0	0	0	1
TSS	MG/L	Monthly Average	10.5	4.5	4.0	2.3	2.3	0	1.8	3.3	3.0	3.0	4.5	2.8	10.5
Total Zinc	MG/L	# of Samples	6	4	4	3	3	0	4	4	2	5	4	5	44
Total Zinc	MG/L	Maximum	0.005	0.005	0.008	<0.005	0.008	0	0.017	<0.005	<0.005	0.011	<0.005	0.014	0.017
Total Zinc	MG/L	Exceedance(>1.0)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Zinc	MG/L	Monthly Average	0.0029	0.0031	0.0039	0.0025	0.0055	0	0.0085	0.0025	0.0025	0.0055	0.0025	0.0108	0.0108