



Report of Analysis

812-CE / CL- EPD COMPLIANCE 2017/18

Connor Fraleigh
MOE
BC
Lower Mainland

Siute 200-10470 152 Street
Surry, BC
V3R 0Y3

Work Order: V18B066

Reported: 2018-03-06

Printed: 2018-03-06

Authorization:

Lauretta Liem For Graham van Aggelen
Manager, PYLET

The results reported pertain only to the samples submitted to and tested by the Environment and Climate Change Canada (ECCC) laboratory indicated in the report.

These ECCC laboratories are accredited by the Canadian Association for Laboratory Accreditation (CALA) to the standard ISO/IEC 17025 for each of the reported analytes, except where indicated by an asterisk (). Please refer to the CALA website (www.cala.ca) to view the full Scope(s) of Accreditation.*

ABSTRACT

Sample Manager contact:

Email: ec.coordonnateurdusoutiendelaboratoire-labsupportcoordinator.ec@canada.ca

Phone: (604) 903-4413

QA Officer contact:

Email: ec.agentdassurancedelaqualitelepy-qualityassuranceofficerpylet.ec@canada.ca

Phone: (604) 903-4411

<u>Unit</u>	<u>Description</u>
% by Volume	Percent by volume

<u>Qualifier</u>	<u>Description</u>
*	Non-Accredited Analysis/Analyte
ND	Not Detected at Reporting Limit (RL)
NR	Not Recoverable

SAMPLE DESCRIPTION

<u>Lab ID</u>	<u>Client ID</u>	<u>Station ID</u>	<u>Matrix</u>	<u>Date/Time Sampled</u>	<u>Date Received</u>	<u>Sample Type</u>
V18B066-01	Effluent - 1		Water	2018-02-22 10:40 PAC Sampled By: Travis Kurinka	2018-02-26	Grab
V18B066-02	Effluent - 2		Water	2018-02-22 08:40 PAC Sampled By: Travis Kurinka	2018-02-26	Grab

REFERENCES

<u>Method ID</u>	<u>Laboratory Method</u>	<u>Reference</u>
V0501W	V_Trout_LC50FF	EPS 1/RM/9 or EPS 1/RM13 Second Edition (trout)
<u>Toxicology Containers</u>		<u>Temperature °C</u>

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-01

Analyst: CL2

DESCRIPTION OF SAMPLE:

-light brown, opaque liquid with an odour and particulates

DESCRIPTION OF TEST FACILITIES & CONDITIONS:

The fish were held at $15 \pm 2^\circ\text{C}$ for ≥ 2 weeks prior to the use in the test. Fish were not fed < 16 hours before the start of the test. Testing was started ≤ 5 days of sample collection. Tests were conducted in glass aquarium or plastic tanks lined with disposable polyethylene liners. Test solutions were randomly assigned to test locations. The height of the test solution was ≥ 15 cm. Aeration of oil-free compressed air was provided at a rate of 6.5 ± 1 ml/min.L through airstones. Photoperiod was 16 ± 1 hour light / 8 ± 1 hour dark with an intensity of 100-500 lux. All pH and conductivity measurements were performed using instruments that were automatically temperature compensated. Conductivity measurements are corrected for 25°C . Unless otherwise noted, all test conditions and validity criteria as specified by the Environment Canada test method were met.

pH Adjustment: Samples are normally tested without pH adjustment.

PROTOCOL USED:

Test was performed as prescribed in the laboratory's Standard Operating Procedure and the Environment Canada biological test method, Report EPS 1/RM/13 Second Edition 2000, amended May 2007 and February 2016.

TEST METHOD and/or SOP DEVIATIONS:

Test solutions control, 10%, 18%, 32%, and 56% were $< 14^\circ\text{C}$ at the start of the test. The requirement is $15 \pm 1^\circ\text{C}$.

ANALYSIS TYPE: 96 hr (Static) LC50 Test Volume: 30 kg Replicates: 1 Fish / Vessel: 10 Temp. ($^\circ\text{C}$): 15 ± 1

CONTROL/DILUTION WATER: Fresh Water ($\leq 10 \text{‰}$) Source: PYLET Well Water

TEST ORGANISM: Species: Rainbow Trout *Oncorhynchus mykiss* Batch ID: 171227T6/rbt-fw Tank #: 6
Source: Aqua Farms Mortality for 7d immediately preceding test: $< 2 \%$

CONTROL FISH DATA: Control Fish Status: no mortality, normal behaviour

Fork Length (cm) Mean: 5.0 Min.: 4.5 Max.: 6.2
Weight (g) Mean: 1.20 Min.: 0.83 Max.: 2.10 Loading Density (g/L): 0.4

WATER QUALITY @ PREPARATION:

Test Solution	D.O. (mg/L %)		Temp. ($^\circ\text{C}$)	pH	Conductivity ($\mu\text{S}/\text{cm}$)	Salinity (‰)	Hardness (mg/L CaCO_3)
100 %	3.8	36.7	14.1	6.91	467	0.2	-

TEST CONDITIONS - WATER QUALITY

Start Date: 2018-02-27 Aeration Start Time: 09:35 Pre-aeration Time (min): 120 Test Start Time: 11:35

Conc. (%)	Control		10		18		32		56		100	
D.O. (mg/L)	Initial	10.1 ₁ 10.3 ₂	9.6 ₁ 9.8 ₂	9.1 ₁ 9.1 ₂	8.2 ₁ 7.9 ₂	6.1 ₁ 5.5 ₂	3.0 ₁ 2.1 ₂					
	Final	10.0	9.5	9.1	8.7	8.4	1.3					
Temp. ($^\circ\text{C}$)	Initial	14.0 ₁ 13.8 ₂	13.9 ₁ 13.7 ₂	13.8 ₁ 13.8 ₂	13.9 ₁ 13.8 ₂	14.0 ₁ 13.9 ₂	14.0 ₁ 14.0 ₂					
	Final	14.7	14.7	14.5	14.4	14.7	14.2					
pH	Initial	7.61 ₁ 7.93 ₂	7.53 ₁ 7.70 ₂	7.43 ₁ 7.51 ₂	7.28 ₁ 7.33 ₂	7.11 ₁ 7.14 ₂	6.95 ₁ 6.98 ₂					
	Final	7.99	7.82	7.71	7.58	7.56	6.96					
Conductivity ($\mu\text{S}/\text{cm}$)	Initial	417	423	426	433	445	467					

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-01

TEST CONDITIONS - CUMULATIVE MORTALITY / OBSERVATIONS †

Time Check	Concentration (%)											
	Control		10		18		32		56		100	
	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.
0.08 hr (5 min)	0	N	0	N	0	N	0	N	0	U	0	X**
0.16 hr (10 min)	0	N	0	N	0	+	0	N	0	U	0	T
0.33 hr (20 min)	0	N	0	N	0	N	0	N	0	+	0	ST
0.67 hr (40 min)	0	N	0	N	0	+	0	U	0	U	10	-
1.33 hr (80 min)	0	N	0	+	0	+	0	+	0	+	10	-
2.67 hr	0	N	0	+	0	+	0	+	0	+	10	-
24 hr	0	N	0	N	0	N	0	N	3	+	10	-
48 hr	0	N	0	N	0	N	0	A	4	+	10	-
72 hr	0	N	0	N	0	N	0	N	7	+	10	-
96 hr	0	N	0	N	0	N	0	N	10	-	10	-

† Test observation Codes - EPS 1/RM/9 July 1990 amended May 1996 and 2007 Appendix E

** immediate stress, coughing & erratic swimming + behaviour cannot be observed **Integument:** A Shedding B Mucous C Hemorrhaging **Pigmentation:** D Light E Dark F Mottled

General behavior: G Quiescent H Hyperexcitable I Irritated J Surfacing K Sounding L Twitching M Tetanic N Normal Δ Moribund

Swimming: O Ceased P Erratic Q Gyrating R Skittering S Inverted T On side **Respiration:** U Rapid V Slow W Coughing X Surface Z Irregular

QUALITY CONTROL: Reference Toxicant Test

Test Date: 2018-02-23 96 hr (Static) LC50 = 8.6 mg/L 95% confidence limits: 8.0 & 9.3

Chemical: Phenol Geomean 96 hr LC50 = 10.7 mg/L 95% warning limits: 8.2 & 13.8 (n = 20)

ANALYSIS RESULTS:

Conc. (%)	Control	10	18	32	56	100
96 hr Mortality (%)	0	0	0	0	100	100

96 hr (Static) LC50 = 42.33 % 95% confidence limits: 32 & 56

Where the median lethal concentration (LC50) is the concentration of material in water that is calculated to be lethal to 50% of the test organisms over an exposure period of 96 hours.

Statistical Method used: Binomial/Graphical CETIS (Tidepool Scientific Software) was used to analyze test data.

RESULTS NOTES:

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-01

CETIS Analytical Report

CETIS Analytical Report

Report Date: 05 Mar-18 15:29 (p 1 of 2)
 Test Code: V18B066-01 | 17-9999-5689

Fish 96-h Acute Lethality Test			PYLET
Analysis ID: 13-5996-0112	Endpoint: 96 h LC50	CETIS Version: CETISv1.9.2	
Analyzed: 05 Mar-18 15:28	Analysis: Binomial Method	Official Results: Yes	
Batch ID: 13-1142-7836	Test Type: Lethality-Fish (96h)	Analyst: Christopher Le	
Start Date: 27 Feb-18 11:35	Protocol: EC/EPS 1/RM/13	Diluent: Well Water	
Ending Date: 03 Mar-18 11:35	Species: Oncorhynchus mykiss	Brine:	
Duration: 96h	Source: Aqua Farms	Age:	
Sample ID: 15-3014-1143	Code: V18B066-01	Client:	
Sample Date: 22 Feb-18 10:40	Material: Unknown	Project: BC Env Routine Sample	
Receipt Date: 22 Feb-18 12:00	Source: Unknown		
Sample Age: 5d 1h	Station:		

Binomial/Graphical Estimates

Threshold Option	Threshold	Trim	Mu	Sigma	EC50	95% LCL	95% UCL
Control Threshold	0	0.00%	1.627	0	42.33	32	56

96 h LC50 Summary

Conc-%	Code	Count	Calculated Variate(A/B)								
			Mean	Min	Max	Std Err	Std Dev	CV%	% Effect	A	B
0	D	1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
10		1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
18		1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
32		1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
56		1	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	100.0%	10	10
100		1	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	100.0%	10	10

96 h LC50 Detail

Conc-%	Code	Rep 1
0	D	0.0000
10		0.0000
18		0.0000
32		0.0000
56		1.0000
100		1.0000

96 h LC50 Binomials

Conc-%	Code	Rep 1
0	D	0/10
10		0/10
18		0/10
32		0/10
56		10/10
100		10/10

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-01

CETIS Analytical Report

CETIS Analytical Report

Report Date: 05 Mar-18 15:29 (p 2 of 2)
 Test Code: V18B066-01 | 17-9999-5689

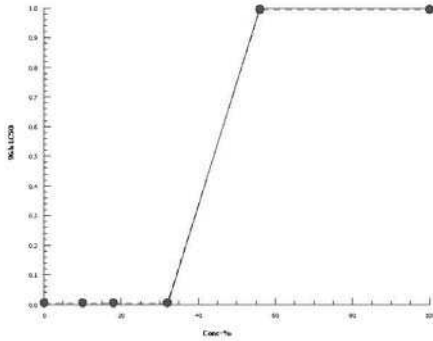
Fish 96-h Acute Lethality Test

PYLET

Analysis ID: 13-5996-0112 Endpoint: 96 h LC50
 Analyzed: 05 Mar-18 15:28 Analysis: Binomial Method

CETIS Version: CETISv1.9.2
 Official Results: Yes

Graphics



ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-02

Analyst: CL2

DESCRIPTION OF SAMPLE:

-clear, colourless liquid

DESCRIPTION OF TEST FACILITIES & CONDITIONS:

The fish were held at 15 ± 2°C for ≥ 2 weeks prior to the use in the test. Fish were not fed < 16 hours before the start of the test. Testing was started ≤ 5 days of sample collection. Tests were conducted in glass aquarium or plastic tanks lined with disposable polyethylene liners. Test solutions were randomly assigned to test locations. The height of the test solution was ≥ 15 cm. Aeration of oil-free compressed air was provided at a rate of 6.5 ± 1 ml/min.L through airstones. Photoperiod was 16 ± 1 hour light / 8 ± 1 hour dark with an intensity of 100-500 lux. All pH and conductivity measurements were performed using instruments that were automatically temperature compensated. Conductivity measurements are corrected for 25°C. Unless otherwise noted, all test conditions and validity criteria as specified by the Environment Canada test method were met.

pH Adjustment: Samples are normally tested without pH adjustment.

PROTOCOL USED:

Test was performed as prescribed in the laboratory's Standard Operating Procedure and the Environment Canada biological test method, Report EPS 1/RM/13 Second Edition 2000, amended May 2007 and February 2016.

TEST METHOD and/or SOP DEVIATIONS:

None

ANALYSIS TYPE: 96 hr (Static) LC50 Test Volume: 30 kg Replicates: 1 Fish / Vessel: 10 Temp. (°C): 15 ± 1

CONTROL/DILUTION WATER: Fresh Water (≤ 10 ‰) Source: PYLET Well Water

TEST ORGANISM: Species: Rainbow Trout *Oncorhynchus mykiss* Batch ID: 171227T6/rbt-fw Tank #: 6
 Source: Aqua Farms Mortality for 7d immediately preceding test: < 2 %

CONTROL FISH DATA: Control Fish Status: no mortality, normal behaviour

Fork Length (cm) Mean: 4.8 Min.: 4.5 Max.: 5.2
 Weight (g) Mean: 1.03 Min.: 0.79 Max.: 1.40 Loading Density (g/L): 0.3

WATER QUALITY @ PREPARATION:

Test Solution	D.O. (mg/L ‰)		Temp. (°C)	pH	Conductivity (µS/cm)	Salinity (‰)	Hardness (mg/L CaCO ₃)
100 %	10.7	104.9	14.4	7.18	83	0.1	-

TEST CONDITIONS - WATER QUALITY

Start Date: 2018-02-27 Aeration Start Time: 09:05 Pre-aeration Time (min): 120 Test Start Time: 11:05

Conc. (%)	Control		10		18		32		56		100	
D.O. (mg/L)	Initial	10.0 ₁ 10.1 ₂	10.3 ₁ 10.1 ₂	10.2 ₁ 10.2 ₂	10.2 ₁ 10.2 ₂	10.3 ₁ 10.2 ₂	10.5 ₁ 10.4 ₂					
	Final	9.8	9.9	9.9	10.1	10.2	10.2					
Temp. (°C)	Initial	15.2 ₁ 14.9 ₂	14.6 ₁ 14.7 ₂	14.6 ₁ 14.7 ₂	14.6 ₁ 14.6 ₂	14.5 ₁ 14.5 ₂	14.4 ₁ 14.4 ₂					
	Final	15.0	14.8	15.1	14.8	15.0	14.5					
pH	Initial	7.78 ₁ 7.95 ₂	0.82 ₁ 7.96 ₂	7.82 ₁ 7.94 ₂	7.82 ₁ 7.94 ₂	7.79 ₁ 7.89 ₂	7.78 ₁ 7.90 ₂					
	Final	8.01	7.99	7.98	8.02	7.84	7.80					
Conductivity (µS/cm)	Initial	419	388	361	314	233	83					

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-02

TEST CONDITIONS - CUMULATIVE MORTALITY / OBSERVATIONS †

Time Check	Concentration (%)											
	Control		10		18		32		56		100	
	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.	mortality	obs.
0.08 hr (5 min)	0	N	0	N	0	N	0	N	0	N	0	N
0.33 hr (20 min)	0	N	0	N	0	N	0	N	0	N	0	N
0.67 hr (40 min)	0	N	0	N	0	N	0	N	0	U	0	3S, N
1.33 hr (80 min)	0	N	0	N	0	U	0	W	0	50, U	8	W
2.67 hr	0	N	0	N	0	U	0	W	1	O, U	10	-
24 hr	0	N	0	N	0	U	6	W	10	--	10	-
48 hr	0	N	0	N	0	N	9	O	10	-	10	-
72 hr	0	N	0	N	0	N	9	N	10	-	10	-
96 hr	0	N	0	N	0	N	9	N	10	-	10	-

† Test observation Codes - EPS 1/RM/9 July 1990 amended May 1996 and 2007 Appendix E

** immediate stress, coughing & erratic swimming + behaviour cannot be observed **Integument:** A Shedding B Mucous C Hemorrhaging **Pigmentation:** D Light E Dark F Mottled

General behavior: G Quiescent H Hyperexcitable I Irritated J Surfacing K Sounding L Twitching M Tetanic N Normal Δ Moribund

Swimming: O Ceased P Erratic Q Gyrating R Skittering S Inverted T On side **Respiration:** U Rapid V Slow W Coughing X Surface Z Irregular

QUALITY CONTROL: Reference Toxicant Test

Test Date: 2018-02-23 96 hr (Static) LC50 = 8.6 mg/L 95% confidence limits: 8.0 & 9.3

Chemical: Phenol Geomean 96 hr LC50 = 10.7 mg/L 95% warning limits: 8.2 & 13.8 (n = 20)

ANALYSIS RESULTS:

Conc. (%)	Control	10	18	32	56	100
96 hr Mortality (%)	0	0	0	90	100	100

96 hr (Static) LC50 = 25.4 % 95% confidence limits: 22.81 & 28.29

Where the median lethal concentration (LC50) is the concentration of material in water that is calculated to be lethal to 50% of the test organisms over an exposure period of 96 hours.

Statistical Method used: Untrimmed Spearman-Kärber CETIS (Tidepool Scientific Software) was used to analyze test data.

RESULTS NOTES:

The 100% test concentration had a D.O. of 103.6 % after 20 mins of aeration and 102 % after 110mins of aeration.

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-02

CETIS Analytical Report

CETIS Analytical Report

Report Date: 05 Mar-18 15:34 (p 1 of 2)
 Test Code: V18B066-02 | 15-6860-4656

Fish 96-h Acute Lethality Test

PYLET

Analysis ID: 19-3340-4874	Endpoint: 96 h LC50	CETIS Version: CETISv1.9.2
Analyzed: 05 Mar-18 15:34	Analysis: Untrimmed Spearman-Kärber	Official Results: Yes
Batch ID: 07-5344-0402	Test Type: Lethality-Fish (96h)	Analyst: Christopher Le
Start Date: 27 Feb-18 11:35	Protocol: EC/EPS 1/RM/13	Diluent: Well Water
Ending Date: 03 Mar-18 11:35	Species: Oncorhynchus mykiss	Brine:
Duration: 96h	Source: Aqua Farms	Age:
Sample ID: 04-6211-2519	Code: V18B066-02	Client:
Sample Date: 22 Feb-18 10:40	Material: Unknown	Project: BC Env Routine Sample
Receipt Date: 22 Feb-18 12:00	Source: Unknown	
Sample Age: 5d 1h	Station:	

Spearman-Kärber Estimates

Threshold Option	Threshold	Trim	Mu	Sigma	EC50	95% LCL	95% UCL
Control Threshold	0	0.00%	1.405	0.02338	25.4	22.81	28.29

96 h LC50 Summary

Conc-%	Code	Count	Calculated Variate(A/B)								
			Mean	Min	Max	Std Err	Std Dev	CV%	% Effect	A	B
0	D	1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
10		1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
18		1	0.0000	0.0000	0.0000	0.0000	0.0000		0.0%	0	10
32		1	0.9000	0.9000	0.9000	0.0000	0.0000	0.00%	90.0%	9	10
56		1	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	100.0%	10	10
100		1	1.0000	1.0000	1.0000	0.0000	0.0000	0.00%	100.0%	10	10

96 h LC50 Detail

Conc-%	Code	Rep 1
0	D	0.0000
10		0.0000
18		0.0000
32		0.9000
56		1.0000
100		1.0000

96 h LC50 Binomials

Conc-%	Code	Rep 1
0	D	0/10
10		0/10
18		0/10
32		9/10
56		10/10
100		10/10

ACUTE LETHALITY TEST USING RAINBOW TROUT (96 HOUR LC50) - REPORT

LAB SAMPLE ID: V18B066-02

CETIS Analytical Report

CETIS Analytical Report

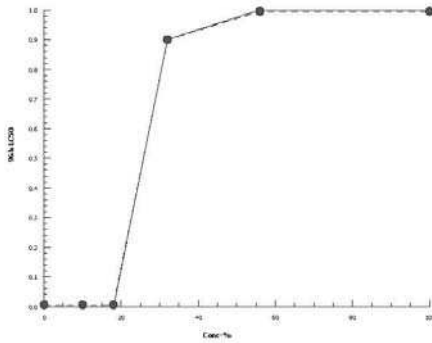
Report Date: 05 Mar-18 15:34 (p 2 of 2)
 Test Code: V18B066-02 | 15-6860-4656

Fish 96-h Acute Lethality Test

PYLET

Analysis ID: 19-3340-4874	Endpoint: 96 h LC50	CETIS Version: CETISv1.9.2
Analyzed: 05 Mar-18 15:34	Analysis: Untrimmed Spearman-Kärber	Official Results: Yes

Graphics



ESTL SAMPLE SUBMISSION FORM
FORMULAIRE DE SOUMISSION D'ÉCHANTILLONS DU LEST

Laboratory / Laboratoire:

ELEMENT Client / Project No. - No du projet (NNNN) 312		Work Order No. - Numéro de demande d'analyse V18B066		Date/Time Rec'd - Date/Heure de réception Feb 26, 2018 (WF)		Temperature on Arrival - Température à l'arrivée (°C) -		ENVIRODAT submitter ID - Identification ENVIRODAT du client N/A				Page 1 of de 1										
Sampled by - Échantillonné par (F. Name, L. Name / surnom, prénom) Travis Kucinka		Client Project Manager/Gestionnaire de projet (Client) Connor Fraleigh		Submitter- Expéditeur (F. Name, L. Name / surnom, prénom) Travis Kucinka		Submitter Email -Courriel de l'expéditeur travis.kucinka@quebec.ca		Submitter Tel. No. - No de tél de l'expéditeur (50) 751-7351				Remarks, Site Description, Sample Descriptions, Preservation Comments, etc / Remarques, Description du site, Description de l'échantillon, Commentaires sur la conservation etc.										
Lab Sample No. No du laboratoire	No of containers Nbr de récipients	Client / Field Sample No. No d'échantillon du client	Client / Field Sample Alias No. No d'échantillon alias du client (Alias)	Analyses Requested Analyses demandées											ENVIRODAT Station ID No de station ENVIRODAT	Date Date	Time/Heure Time/Heure	Time Zone Fuseau horaire	Matrix / Matrice	Sample Type / Type d'échantillon	Preservative / Agent de conservation	Yes/No Oui/Non
	(1-N)	(Required / Requis)	(Optional / Optionnel)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(LLNNLLNNNN)	(YYYY-MM-DD) (AAAA-MM-JJ)	(hh:mm)	e.g. EST	e.g. Water/Eau	NN		(Optional / Optionnel)
01	5	Effluent - 1		X											N/A	2018-02-22	10:40	PST	Water	01	No	Please also send result to Connor Fraleigh at connc.fraleigh@quebec.ca 604-582-5367 Both samples are suspected to be freshwater
02	5	Effluent - 2		X										N/A	2018-02-22	08:40	PST	Water	01	No		



L2060110-COFC

Metals Extraction/ Extraction des métaux:	Metals in water/Métaux dans l'eau: Dissolved/Dissous	Metals in water/Métaux dans l'eau: Extractable/Extractible	Metals in water/Métaux dans l'eau: Total/Totaux	Metals in solid/Métaux dans solide: Extractable/Extractible	Metals in solid/Métaux dans solide: Total Recoverable/Totaux récupérable	Metals in solid/Métaux dans solide: Total/Totaux
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sample Return/Retour d'échantillon: Will pick up sample after analysis complete/Collectera l'échantillon après l'analyse complétée Samples are non-hazardous and may be disposed after analysis completed / Les échantillons sont non-dangereux et peuvent être jetés après l'analyse complétée.

350 / 2500 / 600 / 800 / 700 / 120 / 100 / 150
 Page 1 of 2
 WWCN (NF)
 2018-02-26 8:35

Sample Type Code/Code du type d'échantillon

- # ENVIRODAT
- 01 Discrete Sample
- 03 Duplicate Sample
- 04 Triplicate Sample
- 06 Composite Sample
- 08 Trip Blank
- 09 Matrix Spike
- 09 Matrix Spike: Matrice enrichie
- 08 Trip Blank: Blanc transport
- 08 Matrix Spike: Blanc transport
- 11 Pooled Sample
- 11 Pooled: Mise en commun
- 22 Field Blank
- 24 Field Spike
- 24 Field Spike: Enrichi terrain
- 8 Trip Spike
- 8 Trip Spike: Enrichi transport

LABORATOIRE USE ONLY / À L'USAGE DU LABORATOIRE SEULEMENT

Lab Contacts / Contacts des laboratoires

Montreal
Heleine Harper
ALET
443 University Ave.
Moncton, NB
E1A 6S8
Tel/Fax: 506-851-7208

Montreal
Francois Dumouhel
LECO
105 McGill
Montreal, QC
H2Y 2E7
Tel/Fax: 514-496-7100
Fax: 514-283-1719

Ottawa
Cari Brown
ESTS
335 River Road
Ottawa, ON
K1A 0H3
Tel/Fax: 613-991-1118
Fax: 613-991-9485

Burlington
Sharon Carter
NLET
967 Lakeshore Road
Burlington, ON
L7S 1A1
Tel/Fax: 905-336-6261
Fax: 905-336-6404

Edmonton
Paul Houle
PNLET
5320 122 Street
Edmonton, AB
T6H 3S6
Tel/Fax: 780-435-7335
Fax: 780-435-7268

Vancouver
Graham vanAggelen
PLET
2645 Dolanton Highway
North Vancouver, BC
V7H 1B1
Tel/Fax: 604-903-4444
Fax: 604-903-4408

