



Your P.O. #: 49140
 Your Project #: Village of Tahsis
 Site Location: TAHSIS, BC
 Your C.O.C. #: 08538954

Attention: Chris Wall

McElhanney Consulting Services Ltd.
 1196 Dogwood Street
 Campbell River, BC
 Canada V9W 3A2

Report Date: 2024/07/12
 Report #: R3526694
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C447360

Received: 2024/06/26, 09:52

Sample Matrix: Water
 # Samples Received: 6

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Alkalinity @25C (pp, total), CO3,HCO3,OH	6	N/A	2024/06/27	BBY6SOP-00026	SM 24 2320 B m
Chloride/Sulphate by Auto Colourimetry	3	N/A	2024/06/27	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Chloride/Sulphate by Auto Colourimetry	3	N/A	2024/06/28	BBY6SOP-00011 / BBY6SOP-00017	SM24-4500-Cl/SO4-E m
Coliform by membrane filtration	6	N/A	2024/06/26	BBY4SOP-00001	SM 24 9222 m
Conductivity @25C	6	N/A	2024/06/27	BBY6SOP-00026	SM 24 2510 B m
E.coli by membrane filtration in Water	6	N/A	2024/06/26	BBY4SOP-00001	SM 24 9222 m
Fluoride	6	N/A	2024/06/26	BBY6SOP-00037	SM 24 4500-F C m
Hardness Total (calculated as CaCO3) (3)	6	N/A	2024/06/28	BBY WI-00033	Auto Calc
Hardness (calculated as CaCO3)	6	N/A	2024/06/27	BBY WI-00033	Auto Calc
Mercury (Dissolved) by CV (4)	6	2024/06/27	2024/06/27	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Mercury (Total) by CV	6	2024/06/27	2024/06/28	BBY7SOP-00032	BCMOE LM 2023 C1.1.3
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	6	N/A	2024/06/27	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (dissolved) (4)	6	N/A	2024/06/27	BBY7SOP-00002	EPA 6020b R2 m
Na, K, Ca, Mg, S by CRC ICPMS (total)	6	2024/06/26	2024/06/28	BBY WI-00033	Auto Calc
Elements by CRC ICPMS (total)	6	2024/06/26	2024/06/27	BBY7SOP-00003 / BBY7SOP-00002	EPA 6020b R2 m
Ammonia-N (Total)	6	N/A	2024/06/28	AB SOP-00007	SM 24 4500 NH3 A G m
Nitrate + Nitrite (N)	6	N/A	2024/06/26	BBY6SOP-00010	SM 24 4500-NO3- H m
Nitrite (N) Regular Level Water	6	N/A	2024/06/26	BBY6SOP-00010	SM 24 4500-NO2- m
Nitrogen - Nitrate (as N)	6	N/A	2024/06/27	BBY WI-00033	Auto Calc
PAH in Water by GC/MS (SIM)	2	2024/06/27	2024/06/27	BBY8SOP-00021	BCMOE BCLM Jul2017m
PAH in Water by GC/MS (SIM)	4	2024/06/27	2024/06/28	BBY8SOP-00021	BCMOE BCLM Jul2017m
Total LMW, HMW, Total PAH Calc (5)	6	N/A	2024/06/28	BBY WI-00033	Auto Calc
Polychlorinated Biphenyls in Water (1)	6	2024/06/27	2024/06/27	CAL SOP-00149	EPA 8082A R1 m
Total PCBs in Water (1)	6	N/A	2024/06/28		Auto Calc
pH @25°C (6)	6	N/A	2024/06/27	BBY6SOP-00026	SM 24 4500-H+ B m
Resin and Fatty Acids (1)	4	2024/06/28	2024/06/28	CAL SOP-00099	AE129.0
Resin and Fatty Acids (1)	2	2024/06/28	2024/06/29	CAL SOP-00099	AE129.0
Turbidity	6	N/A	2024/06/26	BBY6SOP-00027	SM 24 2130 B m
OC Pesticides (Selected) & PCB (2, 7)	6	2024/06/28	2024/06/29	CAM SOP-00307	EPA 8081B/ 8082A



Your P.O. #: 49140
 Your Project #: Village of Tahsis
 Site Location: TAHSIS, BC
 Your C.O.C. #: 08538954

Attention: Chris Wall

McElhanney Consulting Services Ltd.
 1196 Dogwood Street
 Campbell River, BC
 Canada V9W 3A2

Report Date: 2024/07/12
 Report #: R3526694
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C447360

Received: 2024/06/26, 09:52

Sample Matrix: Water
 # Samples Received: 6

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
OC Pesticides Summed Parameters (2)	6	N/A	2024/06/29	CAM SOP-00307	EPA 8081B/ 8082A
GC/MS Analysis of OP Pesticides (2)	2	2024/07/03	2024/07/09	CAM SOP-00301	EPA 8270 m
GC/MS Analysis of OP Pesticides (2)	4	2024/07/09	2024/07/11	CAM SOP-00301	EPA 8270 m
Phenoxy Acid Herbicides (2)	6	2024/06/30	2024/07/02	CAM SOP-00330	EPA 8270 m
Triazine Herbicides (2)	6	2024/06/30	2024/07/02	CAM SOP-00301	EPA 8270 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

- (1) This test was performed by Bureau Veritas Calgary, 4000 - 19 St. , Calgary, AB, T2E 6P8
- (2) This test was performed by Bureau Veritas Campobello, 6740 Campobello Road , Mississauga, ON, L5N 2L8
- (3) "Total Hardness" was calculated from Total Ca and Mg concentrations and may be biased high (Hardness, or Dissolved Hardness, calculated from Dissolved Ca and Mg, should be used for compliance if available).
- (4) Dissolved > Total Imbalance: When applicable, Dissolved and Total results were reviewed and data quality meets acceptable levels unless otherwise noted.
- (5) Total PAHs in Water include: Quinoline, Naphthalene, 1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Acridine, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b&j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, and Benzo(g,h,i)perylene.



Your P.O. #: 49140
Your Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your C.O.C. #: 08538954

Attention: Chris Wall

McElhanney Consulting Services Ltd.
1196 Dogwood Street
Campbell River, BC
Canada V9W 3A2

Report Date: 2024/07/12
Report #: R3526694
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C447360

Received: 2024/06/26, 09:52

(6) The CCME method requires pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the CCME holding time. Bureau Veritas endeavours to analyze samples as soon as possible after receipt.

(7) Chlordane (Total) = Alpha Chlordane + Gamma Chlordane

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Rany El-Roz, Customer Solutions Representative

Email: rany.el-roz@bureauveritas.com

Phone# (604) 734 7276

=====
This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Raphael Kwan, Senior Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		CQC099	CQC100		CQC101		CQC102	CQC103		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00		2024/06/25 10:00		2024/06/25 09:10	2024/06/25 12:35		
COC Number		08538954	08538954		08538954		08538954	08538954		
	UNITS	MW20-01S	MW20-01D	QC Batch	MW20-02S	QC Batch	MW20-02D	TW2	RDL	QC Batch

ANIONS

Nitrite (N)	mg/L	<0.0050	<0.0050	B418138	<0.0050	B418138	<0.0050	<0.0050	0.0050	B418138
-------------	------	---------	---------	---------	---------	---------	---------	---------	--------	---------

Calculated Parameters

Nitrate (N)	mg/L	0.060	0.032	B417410	<0.020	B417410	0.039	<0.020	0.020	B417410
-------------	------	-------	-------	---------	--------	---------	-------	--------	-------	---------

Misc. Inorganics

Conductivity	uS/cm	90	97	B418159	47	B418159	76	130	2.0	B418159
--------------	-------	----	----	---------	----	---------	----	-----	-----	---------

pH	pH	7.23	7.95	B418153	6.29	B418153	7.02	7.46	N/A	B418153
----	----	------	------	---------	------	---------	------	------	-----	---------

Anions

Alkalinity (PP as CaCO3)	mg/L	<1.0	<1.0	B418158	<1.0	B418158	<1.0	<1.0	1.0	B418158
--------------------------	------	------	------	---------	------	---------	------	------	-----	---------

Alkalinity (Total as CaCO3)	mg/L	41	42	B418158	21	B418158	33	34	1.0	B418158
-----------------------------	------	----	----	---------	----	---------	----	----	-----	---------

Bicarbonate (HCO3)	mg/L	50	52	B418158	25	B418158	40	41	1.0	B418158
--------------------	------	----	----	---------	----	---------	----	----	-----	---------

Carbonate (CO3)	mg/L	<1.0	<1.0	B418158	<1.0	B418158	<1.0	<1.0	1.0	B418158
-----------------	------	------	------	---------	------	---------	------	------	-----	---------

Dissolved Fluoride (F)	mg/L	<0.050	<0.050	B418172	<0.050	B418172	<0.050	<0.050	0.050	B418172
------------------------	------	--------	--------	---------	--------	---------	--------	--------	-------	---------

Hydroxide (OH)	mg/L	<1.0	<1.0	B418158	<1.0	B418158	<1.0	<1.0	1.0	B418158
----------------	------	------	------	---------	------	---------	------	------	-----	---------

Chloride (Cl)	mg/L	<1.0	1.3	B419100	1.1	B420403	1.3	13	1.0	B420399
---------------	------	------	-----	---------	-----	---------	-----	----	-----	---------

Sulphate (SO4)	mg/L	2.1	3.8	B419100	<1.0	B420403	2.0	7.8	1.0	B420399
----------------	------	-----	-----	---------	------	---------	-----	-----	-----	---------

Nutrients

Total Ammonia (N)	mg/L	<0.015	<0.015	B421057	<0.015	B421057	<0.015	0.015	0.015	B421057
-------------------	------	--------	--------	---------	--------	---------	--------	-------	-------	---------

Nitrate plus Nitrite (N)	mg/L	0.060	0.032	B418136	<0.020 (1)	B418136	0.039	<0.020	0.020	B418136
--------------------------	------	-------	-------	---------	------------	---------	-------	--------	-------	---------

Pesticides & Herbicides

Prometon	ug/L	<0.5	<0.5	B436657	<0.5	B436657	<0.5	<0.5	0.5	B436657
----------	------	------	------	---------	------	---------	------	------	-----	---------

Simazine	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
----------	------	----	----	---------	----	---------	----	----	---	---------

Atrazine	ug/L	<1	<1	B436657	<1	B436657	<1	<1	1	B436657
----------	------	----	----	---------	----	---------	----	----	---	---------

Propazine	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
-----------	------	----	----	---------	----	---------	----	----	---	---------

Metribuzin (Sencor)	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
---------------------	------	----	----	---------	----	---------	----	----	---	---------

Simetryn	ug/L	<0.5	<0.5	B436657	<0.5	B436657	<0.5	<0.5	0.5	B436657
----------	------	------	------	---------	------	---------	------	------	-----	---------

Ametryn	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
---------	------	----	----	---------	----	---------	----	----	---	---------

Prometryn	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
-----------	------	----	----	---------	----	---------	----	----	---	---------

Terbutryne	ug/L	<0.5	<0.5	B436657	<0.5	B436657	<0.5	<0.5	0.5	B436657
------------	------	------	------	---------	------	---------	------	------	-----	---------

Cyanazine (Bladex)	ug/L	<3	<3	B436657	<3	B436657	<3	<3	3	B436657
--------------------	------	----	----	---------	----	---------	----	----	---	---------

RDL = Reportable Detection Limit

N/A = Not Applicable

(1) Matrix spike exceeds acceptance limits due to matrix interference.



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		CQC099	CQC100		CQC101		CQC102	CQC103		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00		2024/06/25 10:00		2024/06/25 09:10	2024/06/25 12:35		
COC Number		08538954	08538954		08538954		08538954	08538954		
	UNITS	MW20-01S	MW20-01D	QC Batch	MW20-02S	QC Batch	MW20-02D	TW2	RDL	QC Batch
Physical Properties										
Turbidity	NTU	0.22	3.7	B417428	0.88	B417428	0.49	17	0.10	B418142
Surrogate Recovery (%)										
2-Fluorobiphenyl	%	68	70	B436657	63	B436657	58	61		B436657
D14-Terphenyl (FS)	%	95	92	B436657	86	B436657	95	89		B436657
D5-NITROBENZENE (sur.)	%	80	81	B436657	79	B436657	68	73		B436657
RDL = Reportable Detection Limit										



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		CQC104		
Sampling Date		2024/06/25 13:25		
COC Number		08538954		
	UNITS	PW	RDL	QC Batch
ANIONS				
Nitrite (N)	mg/L	<0.0050	0.0050	B418138
Calculated Parameters				
Nitrate (N)	mg/L	0.060	0.020	B417410
Misc. Inorganics				
Conductivity	uS/cm	92	2.0	B418159
pH	pH	7.07	N/A	B418153
Anions				
Alkalinity (PP as CaCO3)	mg/L	<1.0	1.0	B418158
Alkalinity (Total as CaCO3)	mg/L	39	1.0	B418158
Bicarbonate (HCO3)	mg/L	48	1.0	B418158
Carbonate (CO3)	mg/L	<1.0	1.0	B418158
Dissolved Fluoride (F)	mg/L	<0.050	0.050	B418172
Hydroxide (OH)	mg/L	<1.0	1.0	B418158
Chloride (Cl)	mg/L	<1.0	1.0	B419690
Sulphate (SO4)	mg/L	3.1	1.0	B419690
Nutrients				
Total Ammonia (N)	mg/L	<0.015	0.015	B421057
Nitrate plus Nitrite (N)	mg/L	0.060	0.020	B418136
Pesticides & Herbicides				
Prometon	ug/L	<0.5	0.5	B436657
Simazine	ug/L	<3	3	B436657
Atrazine	ug/L	<1	1	B436657
Propazine	ug/L	<3	3	B436657
Metribuzin (Sencor)	ug/L	<3	3	B436657
Simetryn	ug/L	<0.5	0.5	B436657
Ametryn	ug/L	<3	3	B436657
Prometryn	ug/L	<3	3	B436657
Terbutryne	ug/L	<0.5	0.5	B436657
Cyanazine (Bladex)	ug/L	<3	3	B436657
RDL = Reportable Detection Limit N/A = Not Applicable				



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

RESULTS OF CHEMICAL ANALYSES OF WATER

Bureau Veritas ID		CQC104		
Sampling Date		2024/06/25 13:25		
COC Number		08538954		
	UNITS	PW	RDL	QC Batch
Physical Properties				
Turbidity	NTU	<0.10	0.10	B418142
Surrogate Recovery (%)				
2-Fluorobiphenyl	%	66		B436657
D14-Terphenyl (FS)	%	97		B436657
D5-NITROBENZENE (sur.)	%	89		B436657
RDL = Reportable Detection Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

POLYCHLORINATED BIPHENYLS BY GC-ECD (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35		
COC Number		08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	RDL	QC Batch

Polychlorinated Biphenyls								
Aroclor 1016	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1221	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1232	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1242	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1248	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1254	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1260	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1262	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Aroclor 1268	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B418251
Total PCB	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	0.000050	B417390

Surrogate Recovery (%)								
NONACHLOROBIPHENYL (sur.)	%	90	88	83	81	73		B418251

RDL = Reportable Detection Limit

Bureau Veritas ID		CQC104		
Sampling Date		2024/06/25 13:25		
COC Number		08538954		
	UNITS	PW	RDL	QC Batch

Polychlorinated Biphenyls				
Aroclor 1016	mg/L	<0.000050	0.000050	B418251
Aroclor 1221	mg/L	<0.000050	0.000050	B418251
Aroclor 1232	mg/L	<0.000050	0.000050	B418251
Aroclor 1242	mg/L	<0.000050	0.000050	B418251
Aroclor 1248	mg/L	<0.000050	0.000050	B418251
Aroclor 1254	mg/L	<0.000050	0.000050	B418251
Aroclor 1260	mg/L	<0.000050	0.000050	B418251
Aroclor 1262	mg/L	<0.000050	0.000050	B418251
Aroclor 1268	mg/L	<0.000050	0.000050	B418251
Total PCB	mg/L	<0.000050	0.000050	B417390

Surrogate Recovery (%)				
NONACHLOROBIPHENYL (sur.)	%	83		B418251

RDL = Reportable Detection Limit



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

PESTICIDES BY GC-MS (WATER)

Bureau Veritas ID		CQC099	CQC100		CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00		2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954		08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	QC Batch	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Pesticides & Herbicides										
Aldicarb	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Atrazine	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Bendiocarb	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Carbaryl	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Carbofuran	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Chlorpyrifos (Dursban)	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Cyanazine (Bladex)	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Demeton-S	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Diazinon	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Dichlorvos	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Dimethoate	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Ethion	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Fenchlorphos (Ronnel)	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Fenthion	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Fonofos	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Guthion (Azinphos-methyl)	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Malathion	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Metolachlor	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Mevinphos (Phosdrin)	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Parathion Ethyl	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Parathion methyl	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Phorate (Thimet)	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Phosmet	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Prometryn	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Simazine	ug/L	<2.0	<2.0	B436655	<2.0	<2.0	<2.0	<2.0	2.0	B436658
Terbufos	ug/L	<1.0	<1.0	B436655	<1.0	<1.0	<1.0	<1.0	1.0	B436658
Triallate	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Trifluralin	ug/L	<5.0	<5.0	B436655	<5.0	<5.0	<5.0	<5.0	5.0	B436658
Surrogate Recovery (%)										
2-Fluorobiphenyl	%	55	71	B436655	71	77	74	78		B436658
D14-Terphenyl (FS)	%	89	93	B436655	99	101	100	102		B436658
RDL = Reportable Detection Limit										



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

PESTICIDES BY GC-MS (WATER)

Bureau Veritas ID		CQC099	CQC100		CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00		2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954		08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	QC Batch	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
D5-NITROBENZENE (sur.)	%	57	71	B436655	78	81	77	80		B436658
RDL = Reportable Detection Limit										



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

PHENOXYALKYL ACID PESTICIDES/HERBICIDES (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Pesticides & Herbicides									
2,4-D (BEE)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
Dicamba	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
MCPP	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
MCPA	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
Dichlorprop	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
2,4-D	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
2,4,5-TP	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
2,4,5-T	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
2,4-DB	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
Picloram	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B436656
Surrogate Recovery (%)									
2,4-Dichlorophenyl Acetic Acid	%	86	85	83	87	88	97		B436656
2,5-Dibromobenzoic Acid	%	86	85	79	89	89	96		B436656
4,4-Dibromobiphenyl	%	86	76	81	78	87	96		B436656
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAH SIS, BC
Your P.O. #: 49140
Sampler Initials: CW

ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Calculated Parameters									
Aldrin + Dieldrin	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
Chlordane (Total)	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
DDT + Metabolites	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
Heptachlor + Heptachlor epoxide	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
o,p-DDD + p,p-DDD	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
o,p-DDE + p,p-DDE	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
o,p-DDT + p,p-DDT	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
Total Endosulfan	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436654
Total PCB	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436654
Pesticides & Herbicides									
a-BHC	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
a-Chlordane	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
b-BHC	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
d-BHC	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endosulfan I	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endosulfan II	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endosulfan Sulfate	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endrin	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endrin Aldehyde	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Endrin ketone	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Hexachlorobenzene	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Mirex	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
o,p'-DDT	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Octachlorostyrene	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Toxaphene	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	B436653
Lindane	ug/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.003	B436653
Heptachlor	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Aldrin	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Heptachlor Epoxide	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Oxychlordane	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
g-Chlordane	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

ORGANOCHLORINATED PESTICIDES BY GC-ECD (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Dieldrin	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
o,p'-DDE	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
p,p'-DDE	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
o,p'-DDD	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
p,p'-DDD	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
p,p'-DDT	ug/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	B436653
Methoxychlor	ug/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	B436653
Aroclor 1016	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1221	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1232	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1242	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1248	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1254	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Aroclor 1260	ug/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	B436653
Surrogate Recovery (%)									
2,4,5,6-Tetrachloro-m-xylene	%	81	92	78	77	78	75		B436653
Decachlorobiphenyl	%	89	92	91	89	91	84		B436653
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

MICROBIOLOGY (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Microbiological Param.									
E. coli	CFU/100mL	<1	<1	<1	<1	<1	<1	1	B418052
Total Coliforms	CFU/100mL	<1	<1	<1	<1	7	<1	1	B418049
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

RESIN AND FATTY ACIDS BY GC-MS (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Misc. Organics									
Decanoic acid (C10)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Undecanoic acid (C11)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Dodecanoic acid (C12)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Tetradecanoic acid (C14)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Hexadecanoic acid (C16)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Octadecanoic acid (C18)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Oleic acid (C18:1)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Linoleic acid (C18:2)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Linolenic acid (C18:3)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Eicosanoic acid (C20)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Docosanoic acid (C22)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
9,10-dichlorostearic acid (C18)	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Pimaric acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Sandaracopimaric acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Isopimaric acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Palustric acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Dehydroabietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Abietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
Neoabietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
14-chlorodehydroabietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
12-chlorodehydroabietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
12,14-dichlorodehydroabietic acid	mg/L	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0060	B419942
* Total of Resin Acids Detected	mg/L	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	0.060	B419942
* Total of Fatty Acids Detected	mg/L	<0.072	<0.072	<0.072	<0.072	<0.072	<0.072	0.072	B419942
Surrogate Recovery (%)									
HEPTADECANOIC ACID (sur.)	%	80	79	80	80	79	83		B419942
O-METHYLPODOCARPIC ACID (sur.)	%	91	89	88	89	90	95		B419942
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR TOTAL METALS IN WATER WITH CV HG (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch

Calculated Parameters									
Total Hardness (CaCO3)	mg/L	38.2	39.2	17.7	33.2	23.2	39.9	0.50	B417271
Elements									
Total Mercury (Hg)	ug/L	<0.0019	<0.0019	<0.0019	<0.0019	0.0064	<0.0019	0.0019	B419689
Total Metals by ICPMS									
Total Aluminum (Al)	ug/L	21.9	90.6	109	8.8	10.0	<3.0	3.0	B417975
Total Antimony (Sb)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	B417975
Total Arsenic (As)	ug/L	0.20	0.27	<0.10	0.41	3.46	<0.10	0.10	B417975
Total Barium (Ba)	ug/L	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	1.0	B417975
Total Beryllium (Be)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B417975
Total Bismuth (Bi)	ug/L	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	B417975
Total Boron (B)	ug/L	<50	<50	<50	<50	<50	<50	50	B417975
Total Cadmium (Cd)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	B417975
Total Chromium (Cr)	ug/L	<1.0	<1.0	<1.0	<1.0	20.2	<1.0	1.0	B417975
Total Cobalt (Co)	ug/L	<0.20	<0.20	0.83	<0.20	0.96	<0.20	0.20	B417975
Total Copper (Cu)	ug/L	<0.50	<0.50	2.03	<0.50	4.00	29.1	0.50	B417975
Total Iron (Fe)	ug/L	38	93	329	17	3180	<10	10	B417975
Total Lead (Pb)	ug/L	<0.20	0.25	<0.20	<0.20	<0.20	0.28	0.20	B417975
Total Lithium (Li)	ug/L	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.0	B417975
Total Manganese (Mn)	ug/L	<1.0	7.6	50.0	1.5	54.7	<1.0	1.0	B417975
Total Molybdenum (Mo)	ug/L	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	1.0	B417975
Total Nickel (Ni)	ug/L	<1.0	<1.0	<1.0	<1.0	2.2	3.0	1.0	B417975
Total Selenium (Se)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B417975
Total Silicon (Si)	ug/L	3090	2730	3360	3450	609	3530	100	B417975
Total Silver (Ag)	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	B417975
Total Strontium (Sr)	ug/L	23.6	28.3	10.3	18.4	38.1	25.1	1.0	B417975
Total Thallium (Tl)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	B417975
Total Tin (Sn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	B417975
Total Titanium (Ti)	ug/L	<5.0	<5.0	5.4	<5.0	<5.0	<5.0	5.0	B417975
Total Uranium (U)	ug/L	<0.10	0.14	<0.10	<0.10	0.16	<0.10	0.10	B417975
Total Vanadium (V)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.0	B417975
Total Zinc (Zn)	ug/L	<5.0	<5.0	<5.0	<5.0	<5.0	33.1	5.0	B417975
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR TOTAL METALS IN WATER WITH CV HG (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Total Zirconium (Zr)	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B417975
Total Calcium (Ca)	mg/L	12.8	12.8	5.49	10.9	7.25	13.0	0.050	B417274
Total Magnesium (Mg)	mg/L	1.50	1.74	0.963	1.43	1.23	1.79	0.050	B417274
Total Potassium (K)	mg/L	0.098	0.159	0.078	0.082	0.422	0.099	0.050	B417274
Total Sodium (Na)	mg/L	1.17	2.41	0.992	1.14	14.6	1.33	0.050	B417274
Total Sulphur (S)	mg/L	<3.0	<3.0	<3.0	<3.0	3.0	<3.0	3.0	B417274
RDL = Reportable Detection Limit									



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR D. METALS W/CV HG-DISS (WATER)

Bureau Veritas ID		CQC099		CQC100		CQC101	CQC102	CQC103		
Sampling Date		2024/06/25 11:45		2024/06/25 11:00		2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35		
COC Number		08538954		08538954		08538954	08538954	08538954		
	UNITS	MW20-01S	QC Batch	MW20-01D	QC Batch	MW20-02S	MW20-02D	TW2	RDL	QC Batch

Calculated Parameters										
Dissolved Hardness (CaCO3)	mg/L	42.1	B417272	47.3	B417272	19.7	35.3	25.2	0.50	B417272
Elements										
Dissolved Mercury (Hg)	ug/L	<0.0019	B419315	0.0026	B419315	<0.0019	<0.0019	<0.0019	0.0019	B419315
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	6.0	B418006	11.4	B418006	74.5	4.2	<3.0	3.0	B418006
Dissolved Antimony (Sb)	ug/L	<0.50	B418006	<0.50	B418006	<0.50	<0.50	<0.50	0.50	B418006
Dissolved Arsenic (As)	ug/L	0.24	B418006	0.30	B418006	<0.10	0.45	0.74	0.10	B418006
Dissolved Barium (Ba)	ug/L	<1.0	B418006	<1.0	B418006	<1.0	1.2	<1.0	1.0	B418006
Dissolved Beryllium (Be)	ug/L	<0.10	B418006	<0.10	B418006	<0.10	<0.10	<0.10	0.10	B418006
Dissolved Bismuth (Bi)	ug/L	<1.0	B418006	<1.0	B418006	<1.0	<1.0	<1.0	1.0	B418006
Dissolved Boron (B)	ug/L	<50	B418006	<50	B418006	<50	<50	<50	50	B418006
Dissolved Cadmium (Cd)	ug/L	<0.010	B418006	<0.010	B418006	<0.010	<0.010	<0.010	0.010	B418006
Dissolved Chromium (Cr)	ug/L	<1.0	B418006	<1.0	B418006	<1.0	<1.0	<1.0	1.0	B418006
Dissolved Cobalt (Co)	ug/L	<0.20	B418006	<0.20	B418006	0.88	<0.20	<0.20	0.20	B418006
Dissolved Copper (Cu)	ug/L	<0.20	B418006	<0.20	B418006	1.78	1.16	0.38	0.20	B418006
Dissolved Iron (Fe)	ug/L	<5.0	B418006	<5.0	B418006	265	<5.0	19.4	5.0	B418006
Dissolved Lead (Pb)	ug/L	<0.20	B418006	<0.20	B418006	<0.20	<0.20	<0.20	0.20	B418006
Dissolved Lithium (Li)	ug/L	<2.0	B418006	<2.0	B418006	<2.0	<2.0	<2.0	2.0	B418006
Dissolved Manganese (Mn)	ug/L	<1.0	B418006	4.4	B418006	55.9	<1.0	9.6	1.0	B418006
Dissolved Molybdenum (Mo)	ug/L	<1.0	B418006	<1.0	B418006	<1.0	<1.0	2.1	1.0	B418006
Dissolved Nickel (Ni)	ug/L	<1.0	B418006	<1.0	B418006	<1.0	<1.0	<1.0	1.0	B418006
Dissolved Phosphorus (P)	ug/L	<10	B418006	13	B418006	<10	<10	<10	10	B418006
Dissolved Selenium (Se)	ug/L	<0.10	B418006	0.48	B423384	<0.10	<0.10	<0.10	0.10	B418006
Dissolved Silicon (Si)	ug/L	3220	B418006	3000	B418006	3630	3590	356	100	B418006
Dissolved Silver (Ag)	ug/L	<0.020	B418006	<0.020	B418006	<0.020	<0.020	<0.020	0.020	B418006
Dissolved Strontium (Sr)	ug/L	24.5	B418006	31.6	B418006	11.0	17.9	39.2	1.0	B418006
Dissolved Thallium (Tl)	ug/L	<0.010	B418006	<0.010	B418006	<0.010	<0.010	<0.010	0.010	B418006
Dissolved Tin (Sn)	ug/L	<5.0	B418006	<5.0	B418006	<5.0	<5.0	<5.0	5.0	B418006
Dissolved Titanium (Ti)	ug/L	<5.0	B418006	<5.0	B418006	<5.0	<5.0	<5.0	5.0	B418006
Dissolved Uranium (U)	ug/L	<0.10	B418006	0.12	B418006	<0.10	<0.10	<0.10	0.10	B418006
Dissolved Vanadium (V)	ug/L	<5.0	B418006	<5.0	B418006	<5.0	<5.0	<5.0	5.0	B418006
RDL = Reportable Detection Limit										



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR D. METALS W/CV HG-DISS (WATER)

Bureau Veritas ID		CQC099		CQC100		CQC101	CQC102	CQC103		
Sampling Date		2024/06/25 11:45		2024/06/25 11:00		2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35		
COC Number		08538954		08538954		08538954	08538954	08538954		
	UNITS	MW20-01S	QC Batch	MW20-01D	QC Batch	MW20-02S	MW20-02D	TW2	RDL	QC Batch
Dissolved Zinc (Zn)	ug/L	<5.0	B418006	<5.0	B418006	<5.0	<5.0	<5.0	5.0	B418006
Dissolved Zirconium (Zr)	ug/L	<0.10	B418006	<0.10	B418006	<0.10	<0.10	<0.10	0.10	B418006
Dissolved Calcium (Ca)	mg/L	13.8	B417273	15.3	B417273	6.03	11.5	7.79	0.050	B417273
Dissolved Magnesium (Mg)	mg/L	1.83	B417273	2.20	B417273	1.12	1.61	1.40	0.050	B417273
Dissolved Potassium (K)	mg/L	0.107	B417273	0.160	B417273	0.086	0.091	0.441	0.050	B417273
Dissolved Sodium (Na)	mg/L	1.33	B417273	2.58	B417273	1.17	1.30	16.3	0.050	B417273
Dissolved Sulphur (S)	mg/L	<3.0	B417273	<3.0	B417273	<3.0	<3.0	<3.0	3.0	B417273
RDL = Reportable Detection Limit										



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR D. METALS W/CV HG-DISS (WATER)

Bureau Veritas ID		CQC104		
Sampling Date		2024/06/25 13:25		
COC Number		08538954		
	UNITS	PW	RDL	QC Batch
Calculated Parameters				
Dissolved Hardness (CaCO3)	mg/L	43.2	0.50	B417272
Elements				
Dissolved Mercury (Hg)	ug/L	<0.0019	0.0019	B419315
Dissolved Metals by ICPMS				
Dissolved Aluminum (Al)	ug/L	<3.0	3.0	B418006
Dissolved Antimony (Sb)	ug/L	<0.50	0.50	B418006
Dissolved Arsenic (As)	ug/L	<0.10	0.10	B418006
Dissolved Barium (Ba)	ug/L	2.0	1.0	B418006
Dissolved Beryllium (Be)	ug/L	<0.10	0.10	B418006
Dissolved Bismuth (Bi)	ug/L	<1.0	1.0	B418006
Dissolved Boron (B)	ug/L	<50	50	B418006
Dissolved Cadmium (Cd)	ug/L	<0.010	0.010	B418006
Dissolved Chromium (Cr)	ug/L	<1.0	1.0	B418006
Dissolved Cobalt (Co)	ug/L	<0.20	0.20	B418006
Dissolved Copper (Cu)	ug/L	4.75	0.20	B418006
Dissolved Iron (Fe)	ug/L	15.6	5.0	B418006
Dissolved Lead (Pb)	ug/L	<0.20	0.20	B418006
Dissolved Lithium (Li)	ug/L	<2.0	2.0	B418006
Dissolved Manganese (Mn)	ug/L	<1.0	1.0	B418006
Dissolved Molybdenum (Mo)	ug/L	<1.0	1.0	B418006
Dissolved Nickel (Ni)	ug/L	<1.0	1.0	B418006
Dissolved Phosphorus (P)	ug/L	<10	10	B418006
Dissolved Selenium (Se)	ug/L	<0.10	0.10	B418006
Dissolved Silicon (Si)	ug/L	3790	100	B418006
Dissolved Silver (Ag)	ug/L	<0.020	0.020	B418006
Dissolved Strontium (Sr)	ug/L	25.3	1.0	B418006
Dissolved Thallium (Tl)	ug/L	<0.010	0.010	B418006
Dissolved Tin (Sn)	ug/L	<5.0	5.0	B418006
Dissolved Titanium (Ti)	ug/L	<5.0	5.0	B418006
Dissolved Uranium (U)	ug/L	<0.10	0.10	B418006
Dissolved Vanadium (V)	ug/L	<5.0	5.0	B418006
RDL = Reportable Detection Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR D. METALS W/CV HG-DISS (WATER)

Bureau Veritas ID		CQC104		
Sampling Date		2024/06/25 13:25		
COC Number		08538954		
	UNITS	PW	RDL	QC Batch
Dissolved Zinc (Zn)	ug/L	12.8	5.0	B418006
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	B418006
Dissolved Calcium (Ca)	mg/L	14.0	0.050	B417273
Dissolved Magnesium (Mg)	mg/L	2.01	0.050	B417273
Dissolved Potassium (K)	mg/L	0.112	0.050	B417273
Dissolved Sodium (Na)	mg/L	1.50	0.050	B417273
Dissolved Sulphur (S)	mg/L	<3.0	3.0	B417273
RDL = Reportable Detection Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

CSR PAH IN WATER BY GC-MS (WATER)

Bureau Veritas ID		CQC099	CQC100	CQC101	CQC102	CQC103	CQC104		
Sampling Date		2024/06/25 11:45	2024/06/25 11:00	2024/06/25 10:00	2024/06/25 09:10	2024/06/25 12:35	2024/06/25 13:25		
COC Number		08538954	08538954	08538954	08538954	08538954	08538954		
	UNITS	MW20-01S	MW20-01D	MW20-02S	MW20-02D	TW2	PW	RDL	QC Batch
Calculated Parameters									
Low Molecular Weight PAH`s	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B417276
High Molecular Weight PAH`s	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B417276
Total PAH	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B417276
Polycyclic Aromatics									
Quinoline	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	B418471
Naphthalene	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B418471
1-Methylnaphthalene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
2-Methylnaphthalene	ug/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.10	B418471
Acenaphthylene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Acenaphthene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Fluorene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Phenanthrene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Anthracene	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	B418471
Acridine	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Fluoranthene	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	B418471
Pyrene	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	B418471
Benzo(a)anthracene	ug/L	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	B418471
Chrysene	ug/L	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.020	B418471
Benzo(b&j)fluoranthene	ug/L	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	0.030	B418471
Benzo(k)fluoranthene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Benzo(a)pyrene	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	B418471
Indeno(1,2,3-cd)pyrene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Dibenz(a,h)anthracene	ug/L	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	0.0030	B418471
Benzo(g,h,i)perylene	ug/L	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.050	B418471
Surrogate Recovery (%)									
D10-ANTHRACENE (sur.)	%	83	83	83	82	85	82		B418471
D8-ACENAPHTHYLENE (sur.)	%	78	77	79	79	80	78		B418471
D8-NAPHTHALENE (sur.)	%	71	66	73	74	76	74		B418471
TERPHENYL-D14 (sur.)	%	67	67	66	65	69	67		B418471
RDL = Reportable Detection Limit									



**BUREAU
VERITAS**

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

GENERAL COMMENTS

Sample CQC102 [MW20-02D] : Sample was analyzed past method specific hold time for Coliform by membrane filtration. Sample was analyzed past method specific hold time for E.coli by membrane filtration in Water.
Sample CQC100, Elements by CRC ICPMS (dissolved): Test repeated.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	B417428	LSO	Spiked Blank	Turbidity	2024/06/26		102	%	80 - 120
	B417428	LSO	Method Blank	Turbidity	2024/06/26	<0.10		NTU	
	B417428	LSO	RPD	Turbidity	2024/06/26	4.7		%	20
	B417975	AA1	Matrix Spike	Total Aluminum (Al)	2024/06/27		105	%	80 - 120
				Total Antimony (Sb)	2024/06/27		108	%	80 - 120
				Total Arsenic (As)	2024/06/27		108	%	80 - 120
				Total Barium (Ba)	2024/06/27		109	%	80 - 120
				Total Beryllium (Be)	2024/06/27		102	%	80 - 120
				Total Bismuth (Bi)	2024/06/27		101	%	80 - 120
				Total Boron (B)	2024/06/27		112	%	80 - 120
				Total Cadmium (Cd)	2024/06/27		106	%	80 - 120
				Total Chromium (Cr)	2024/06/27		107	%	80 - 120
				Total Cobalt (Co)	2024/06/27		101	%	80 - 120
				Total Copper (Cu)	2024/06/27		103	%	80 - 120
				Total Iron (Fe)	2024/06/27		107	%	80 - 120
				Total Lead (Pb)	2024/06/27		102	%	80 - 120
				Total Lithium (Li)	2024/06/27		99	%	80 - 120
				Total Manganese (Mn)	2024/06/27		NC	%	80 - 120
				Total Molybdenum (Mo)	2024/06/27		114	%	80 - 120
				Total Nickel (Ni)	2024/06/27		105	%	80 - 120
				Total Selenium (Se)	2024/06/27		104	%	80 - 120
				Total Silicon (Si)	2024/06/27		108	%	80 - 120
				Total Silver (Ag)	2024/06/27		106	%	80 - 120
				Total Strontium (Sr)	2024/06/27		NC	%	80 - 120
				Total Thallium (Tl)	2024/06/27		107	%	80 - 120
				Total Tin (Sn)	2024/06/27		110	%	80 - 120
				Total Titanium (Ti)	2024/06/27		107	%	80 - 120
				Total Uranium (U)	2024/06/27		114	%	80 - 120
				Total Vanadium (V)	2024/06/27		109	%	80 - 120
				Total Zinc (Zn)	2024/06/27		109	%	80 - 120
				Total Zirconium (Zr)	2024/06/27		114	%	80 - 120
	B417975	AA1	Spiked Blank	Total Aluminum (Al)	2024/06/27		95	%	80 - 120
				Total Antimony (Sb)	2024/06/27		103	%	80 - 120
				Total Arsenic (As)	2024/06/27		103	%	80 - 120
				Total Barium (Ba)	2024/06/27		103	%	80 - 120
				Total Beryllium (Be)	2024/06/27		95	%	80 - 120
				Total Bismuth (Bi)	2024/06/27		103	%	80 - 120
				Total Boron (B)	2024/06/27		103	%	80 - 120
				Total Cadmium (Cd)	2024/06/27		103	%	80 - 120
				Total Chromium (Cr)	2024/06/27		104	%	80 - 120
				Total Cobalt (Co)	2024/06/27		100	%	80 - 120
				Total Copper (Cu)	2024/06/27		102	%	80 - 120
				Total Iron (Fe)	2024/06/27		102	%	80 - 120
				Total Lead (Pb)	2024/06/27		102	%	80 - 120
				Total Lithium (Li)	2024/06/27		93	%	80 - 120
				Total Manganese (Mn)	2024/06/27		104	%	80 - 120
				Total Molybdenum (Mo)	2024/06/27		105	%	80 - 120
				Total Nickel (Ni)	2024/06/27		102	%	80 - 120
				Total Selenium (Se)	2024/06/27		103	%	80 - 120
				Total Silicon (Si)	2024/06/27		110	%	80 - 120
				Total Silver (Ag)	2024/06/27		103	%	80 - 120
				Total Strontium (Sr)	2024/06/27		103	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Total Thallium (Tl)	2024/06/27		104	%	80 - 120
				Total Tin (Sn)	2024/06/27		107	%	80 - 120
				Total Titanium (Ti)	2024/06/27		103	%	80 - 120
				Total Uranium (U)	2024/06/27		107	%	80 - 120
				Total Vanadium (V)	2024/06/27		103	%	80 - 120
				Total Zinc (Zn)	2024/06/27		105	%	80 - 120
				Total Zirconium (Zr)	2024/06/27		103	%	80 - 120
B417975	AA1		Method Blank	Total Aluminum (Al)	2024/06/27	<3.0		ug/L	
				Total Antimony (Sb)	2024/06/27	<0.50		ug/L	
				Total Arsenic (As)	2024/06/27	<0.10		ug/L	
				Total Barium (Ba)	2024/06/27	<1.0		ug/L	
				Total Beryllium (Be)	2024/06/27	<0.10		ug/L	
				Total Bismuth (Bi)	2024/06/27	<1.0		ug/L	
				Total Boron (B)	2024/06/27	<50		ug/L	
				Total Cadmium (Cd)	2024/06/27	<0.010		ug/L	
				Total Chromium (Cr)	2024/06/27	<1.0		ug/L	
				Total Cobalt (Co)	2024/06/27	<0.20		ug/L	
				Total Copper (Cu)	2024/06/27	<0.50		ug/L	
				Total Iron (Fe)	2024/06/27	<10		ug/L	
				Total Lead (Pb)	2024/06/27	<0.20		ug/L	
				Total Lithium (Li)	2024/06/27	<2.0		ug/L	
				Total Manganese (Mn)	2024/06/27	<1.0		ug/L	
				Total Molybdenum (Mo)	2024/06/27	<1.0		ug/L	
				Total Nickel (Ni)	2024/06/27	<1.0		ug/L	
				Total Selenium (Se)	2024/06/27	<0.10		ug/L	
				Total Silicon (Si)	2024/06/27	<100		ug/L	
				Total Silver (Ag)	2024/06/27	<0.020		ug/L	
				Total Strontium (Sr)	2024/06/27	<1.0		ug/L	
				Total Thallium (Tl)	2024/06/27	<0.010		ug/L	
				Total Tin (Sn)	2024/06/27	<5.0		ug/L	
				Total Titanium (Ti)	2024/06/27	<5.0		ug/L	
				Total Uranium (U)	2024/06/27	<0.10		ug/L	
				Total Vanadium (V)	2024/06/27	<5.0		ug/L	
				Total Zinc (Zn)	2024/06/27	<5.0		ug/L	
				Total Zirconium (Zr)	2024/06/27	<0.10		ug/L	
B417975	AA1		RPD	Total Aluminum (Al)	2024/06/27	2.3		%	20
				Total Arsenic (As)	2024/06/27	4.0		%	20
				Total Barium (Ba)	2024/06/27	3.1		%	20
				Total Cadmium (Cd)	2024/06/27	7.6		%	20
				Total Chromium (Cr)	2024/06/27	NC		%	20
				Total Copper (Cu)	2024/06/27	3.2		%	20
				Total Iron (Fe)	2024/06/27	0.91		%	20
				Total Lead (Pb)	2024/06/27	1.1		%	20
				Total Manganese (Mn)	2024/06/27	3.6		%	20
				Total Molybdenum (Mo)	2024/06/27	3.7		%	20
				Total Nickel (Ni)	2024/06/27	4.7		%	20
				Total Selenium (Se)	2024/06/27	2.9		%	20
				Total Silver (Ag)	2024/06/27	NC		%	20
				Total Titanium (Ti)	2024/06/27	NC		%	20
				Total Zinc (Zn)	2024/06/27	NC		%	20
B418006	AA1		Matrix Spike	Dissolved Aluminum (Al)	2024/06/27		97	%	80 - 120
				Dissolved Antimony (Sb)	2024/06/27		100	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Arsenic (As)	2024/06/27		102	%	80 - 120
			Dissolved Barium (Ba)	2024/06/27		NC	%	80 - 120
			Dissolved Beryllium (Be)	2024/06/27		97	%	80 - 120
			Dissolved Bismuth (Bi)	2024/06/27		94	%	80 - 120
			Dissolved Boron (B)	2024/06/27		100	%	80 - 120
			Dissolved Cadmium (Cd)	2024/06/27		98	%	80 - 120
			Dissolved Chromium (Cr)	2024/06/27		91	%	80 - 120
			Dissolved Cobalt (Co)	2024/06/27		90	%	80 - 120
			Dissolved Copper (Cu)	2024/06/27		89	%	80 - 120
			Dissolved Iron (Fe)	2024/06/27		NC	%	80 - 120
			Dissolved Lead (Pb)	2024/06/27		95	%	80 - 120
			Dissolved Lithium (Li)	2024/06/27		98	%	80 - 120
			Dissolved Manganese (Mn)	2024/06/27		NC	%	80 - 120
			Dissolved Molybdenum (Mo)	2024/06/27		102	%	80 - 120
			Dissolved Nickel (Ni)	2024/06/27		93	%	80 - 120
			Dissolved Phosphorus (P)	2024/06/27		104	%	80 - 120
			Dissolved Selenium (Se)	2024/06/27		92	%	80 - 120
			Dissolved Silicon (Si)	2024/06/27		NC	%	80 - 120
			Dissolved Silver (Ag)	2024/06/27		78 (1)	%	80 - 120
			Dissolved Strontium (Sr)	2024/06/27		NC	%	80 - 120
			Dissolved Thallium (Tl)	2024/06/27		100	%	80 - 120
			Dissolved Tin (Sn)	2024/06/27		99	%	80 - 120
			Dissolved Titanium (Ti)	2024/06/27		98	%	80 - 120
			Dissolved Uranium (U)	2024/06/27		96	%	80 - 120
			Dissolved Vanadium (V)	2024/06/27		97	%	80 - 120
			Dissolved Zinc (Zn)	2024/06/27		92	%	80 - 120
			Dissolved Zirconium (Zr)	2024/06/27		102	%	80 - 120
B418006	AA1	Spiked Blank	Dissolved Aluminum (Al)	2024/06/27		99	%	80 - 120
			Dissolved Antimony (Sb)	2024/06/27		100	%	80 - 120
			Dissolved Arsenic (As)	2024/06/27		102	%	80 - 120
			Dissolved Barium (Ba)	2024/06/27		99	%	80 - 120
			Dissolved Beryllium (Be)	2024/06/27		97	%	80 - 120
			Dissolved Bismuth (Bi)	2024/06/27		99	%	80 - 120
			Dissolved Boron (B)	2024/06/27		100	%	80 - 120
			Dissolved Cadmium (Cd)	2024/06/27		99	%	80 - 120
			Dissolved Chromium (Cr)	2024/06/27		93	%	80 - 120
			Dissolved Cobalt (Co)	2024/06/27		93	%	80 - 120
			Dissolved Copper (Cu)	2024/06/27		94	%	80 - 120
			Dissolved Iron (Fe)	2024/06/27		100	%	80 - 120
			Dissolved Lead (Pb)	2024/06/27		98	%	80 - 120
			Dissolved Lithium (Li)	2024/06/27		98	%	80 - 120
			Dissolved Manganese (Mn)	2024/06/27		98	%	80 - 120
			Dissolved Molybdenum (Mo)	2024/06/27		101	%	80 - 120
			Dissolved Nickel (Ni)	2024/06/27		97	%	80 - 120
			Dissolved Phosphorus (P)	2024/06/27		101	%	80 - 120
			Dissolved Selenium (Se)	2024/06/27		99	%	80 - 120
			Dissolved Silicon (Si)	2024/06/27		102	%	80 - 120
			Dissolved Silver (Ag)	2024/06/27		98	%	80 - 120
			Dissolved Strontium (Sr)	2024/06/27		99	%	80 - 120
			Dissolved Thallium (Tl)	2024/06/27		100	%	80 - 120
			Dissolved Tin (Sn)	2024/06/27		100	%	80 - 120
			Dissolved Titanium (Ti)	2024/06/27		99	%	80 - 120



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B418006	AA1	Method Blank	Dissolved Uranium (U)	2024/06/27		100	%	80 - 120
			Dissolved Vanadium (V)	2024/06/27		98	%	80 - 120
			Dissolved Zinc (Zn)	2024/06/27		98	%	80 - 120
			Dissolved Zirconium (Zr)	2024/06/27		100	%	80 - 120
			Dissolved Aluminum (Al)	2024/06/27	<3.0		ug/L	
			Dissolved Antimony (Sb)	2024/06/27	<0.50		ug/L	
			Dissolved Arsenic (As)	2024/06/27	<0.10		ug/L	
			Dissolved Barium (Ba)	2024/06/27	<1.0		ug/L	
			Dissolved Beryllium (Be)	2024/06/27	<0.10		ug/L	
			Dissolved Bismuth (Bi)	2024/06/27	<1.0		ug/L	
			Dissolved Boron (B)	2024/06/27	<50		ug/L	
			Dissolved Cadmium (Cd)	2024/06/27	<0.010		ug/L	
			Dissolved Chromium (Cr)	2024/06/27	<1.0		ug/L	
			Dissolved Cobalt (Co)	2024/06/27	<0.20		ug/L	
			Dissolved Copper (Cu)	2024/06/27	<0.20		ug/L	
			Dissolved Iron (Fe)	2024/06/27	<5.0		ug/L	
			Dissolved Lead (Pb)	2024/06/27	<0.20		ug/L	
			Dissolved Lithium (Li)	2024/06/27	<2.0		ug/L	
			Dissolved Manganese (Mn)	2024/06/27	<1.0		ug/L	
			Dissolved Molybdenum (Mo)	2024/06/27	<1.0		ug/L	
			Dissolved Nickel (Ni)	2024/06/27	<1.0		ug/L	
			Dissolved Phosphorus (P)	2024/06/27	<10		ug/L	
			Dissolved Selenium (Se)	2024/06/27	<0.10		ug/L	
Dissolved Silicon (Si)	2024/06/27	<100		ug/L				
Dissolved Silver (Ag)	2024/06/27	<0.020		ug/L				
Dissolved Strontium (Sr)	2024/06/27	<1.0		ug/L				
Dissolved Thallium (Tl)	2024/06/27	<0.010		ug/L				
Dissolved Tin (Sn)	2024/06/27	<5.0		ug/L				
Dissolved Titanium (Ti)	2024/06/27	<5.0		ug/L				
Dissolved Uranium (U)	2024/06/27	<0.10		ug/L				
Dissolved Vanadium (V)	2024/06/27	<5.0		ug/L				
Dissolved Zinc (Zn)	2024/06/27	<5.0		ug/L				
Dissolved Zirconium (Zr)	2024/06/27	<0.10		ug/L				
B418006	AA1	RPD	Dissolved Aluminum (Al)	2024/06/27	0.34		%	20
			Dissolved Antimony (Sb)	2024/06/27	NC		%	20
			Dissolved Arsenic (As)	2024/06/27	0.72		%	20
			Dissolved Barium (Ba)	2024/06/27	0.61		%	20
			Dissolved Beryllium (Be)	2024/06/27	NC		%	20
			Dissolved Bismuth (Bi)	2024/06/27	NC		%	20
			Dissolved Boron (B)	2024/06/27	0.039		%	20
			Dissolved Cadmium (Cd)	2024/06/27	NC		%	20
			Dissolved Chromium (Cr)	2024/06/27	NC		%	20
			Dissolved Cobalt (Co)	2024/06/27	2.8		%	20
			Dissolved Copper (Cu)	2024/06/27	NC		%	20
			Dissolved Iron (Fe)	2024/06/27	0.31		%	20
			Dissolved Lead (Pb)	2024/06/27	NC		%	20
			Dissolved Lithium (Li)	2024/06/27	NC		%	20
			Dissolved Manganese (Mn)	2024/06/27	0.43		%	20
Dissolved Molybdenum (Mo)	2024/06/27	NC		%	20			
Dissolved Nickel (Ni)	2024/06/27	NC		%	20			
Dissolved Phosphorus (P)	2024/06/27	8.5		%	20			
Dissolved Selenium (Se)	2024/06/27	4.5		%	20			



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Dissolved Silicon (Si)	2024/06/27	0.85		%	20
			Dissolved Silver (Ag)	2024/06/27	NC		%	20
			Dissolved Strontium (Sr)	2024/06/27	0.37		%	20
			Dissolved Thallium (Tl)	2024/06/27	17		%	20
			Dissolved Tin (Sn)	2024/06/27	NC		%	20
			Dissolved Titanium (Ti)	2024/06/27	NC		%	20
			Dissolved Uranium (U)	2024/06/27	3.4		%	20
			Dissolved Vanadium (V)	2024/06/27	NC		%	20
			Dissolved Zinc (Zn)	2024/06/27	NC		%	20
			Dissolved Zirconium (Zr)	2024/06/27	4.0		%	20
B418136	BB3	Matrix Spike [CQC101-02]	Nitrate plus Nitrite (N)	2024/06/26		122 (1)	%	80 - 120
B418136	BB3	Spiked Blank	Nitrate plus Nitrite (N)	2024/06/26		108	%	80 - 120
B418136	BB3	Method Blank	Nitrate plus Nitrite (N)	2024/06/26	<0.020		mg/L	
B418136	BB3	RPD [CQC101-02]	Nitrate plus Nitrite (N)	2024/06/26	NC		%	25
B418138	BB3	Matrix Spike [CQC101-02]	Nitrite (N)	2024/06/26		114	%	80 - 120
B418138	BB3	Spiked Blank	Nitrite (N)	2024/06/26		106	%	80 - 120
B418138	BB3	Method Blank	Nitrite (N)	2024/06/26	<0.0050		mg/L	
B418138	BB3	RPD [CQC101-02]	Nitrite (N)	2024/06/26	NC		%	20
B418142	LSO	Spiked Blank	Turbidity	2024/06/26		102	%	80 - 120
B418142	LSO	Method Blank	Turbidity	2024/06/26	<0.10		NTU	
B418142	LSO	RPD [CQC102-02]	Turbidity	2024/06/26	5.5		%	20
B418153	BB3	Spiked Blank	pH	2024/06/27		101	%	97 - 103
B418153	BB3	RPD	pH	2024/06/27	0.095		%	N/A
B418158	BB3	Spiked Blank	Alkalinity (Total as CaCO3)	2024/06/27		94	%	80 - 120
B418158	BB3	Method Blank	Alkalinity (PP as CaCO3)	2024/06/27	<1.0		mg/L	
			Alkalinity (Total as CaCO3)	2024/06/27	<1.0		mg/L	
			Bicarbonate (HCO3)	2024/06/27	<1.0		mg/L	
			Carbonate (CO3)	2024/06/27	<1.0		mg/L	
			Hydroxide (OH)	2024/06/27	<1.0		mg/L	
B418158	BB3	RPD	Alkalinity (PP as CaCO3)	2024/06/27	NC		%	20
			Alkalinity (Total as CaCO3)	2024/06/27	NC		%	20
			Bicarbonate (HCO3)	2024/06/27	NC		%	20
			Carbonate (CO3)	2024/06/27	NC		%	20
			Hydroxide (OH)	2024/06/27	NC		%	20
B418159	BB3	Spiked Blank	Conductivity	2024/06/27		100	%	80 - 120
B418159	BB3	Method Blank	Conductivity	2024/06/27	<2.0		uS/cm	
B418172	JLP	Matrix Spike	Dissolved Fluoride (F)	2024/06/26		98	%	80 - 120
B418172	JLP	Spiked Blank	Dissolved Fluoride (F)	2024/06/26		87	%	80 - 120
B418172	JLP	Method Blank	Dissolved Fluoride (F)	2024/06/26	<0.050		mg/L	
B418172	JLP	RPD [CQC101-02]	Dissolved Fluoride (F)	2024/06/26	NC		%	20
B418251	JU2	Spiked Blank	Aroclor 1260	2024/06/27		70	%	50 - 130
			NONACHLOROBIPHENYL (sur.)	2024/06/27		69	%	50 - 130
B418251	JU2	Method Blank	Aroclor 1016	2024/06/27	<0.000050		mg/L	
			Aroclor 1221	2024/06/27	<0.000050		mg/L	
			Aroclor 1232	2024/06/27	<0.000050		mg/L	
			Aroclor 1242	2024/06/27	<0.000050		mg/L	
			Aroclor 1248	2024/06/27	<0.000050		mg/L	
			Aroclor 1254	2024/06/27	<0.000050		mg/L	
			Aroclor 1260	2024/06/27	<0.000050		mg/L	
			Aroclor 1262	2024/06/27	<0.000050		mg/L	
			Aroclor 1268	2024/06/27	<0.000050		mg/L	
			NONACHLOROBIPHENYL (sur.)	2024/06/27		62	%	50 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B418471	JP1	Matrix Spike	D10-ANTHRACENE (sur.)	2024/06/27		86	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2024/06/27		83	%	50 - 140
			D8-NAPHTHALENE (sur.)	2024/06/27		71	%	50 - 140
			TERPHENYL-D14 (sur.)	2024/06/27		69	%	50 - 140
			Quinoline	2024/06/27		110	%	50 - 140
			Naphthalene	2024/06/27		80	%	50 - 140
			1-Methylnaphthalene	2024/06/27		81	%	50 - 140
			2-Methylnaphthalene	2024/06/27		81	%	50 - 140
			Acenaphthylene	2024/06/27		87	%	50 - 140
			Acenaphthene	2024/06/27		89	%	50 - 140
			Fluorene	2024/06/27		86	%	50 - 140
			Phenanthrene	2024/06/27		85	%	50 - 140
			Anthracene	2024/06/27		87	%	50 - 140
			Acridine	2024/06/27		95	%	50 - 140
			Fluoranthene	2024/06/27		68	%	50 - 140
			Pyrene	2024/06/27		69	%	50 - 140
			Benzo(a)anthracene	2024/06/27		89	%	50 - 140
			Chrysene	2024/06/27		91	%	50 - 140
			Benzo(b&j)fluoranthene	2024/06/27		88	%	50 - 140
			Benzo(k)fluoranthene	2024/06/27		86	%	50 - 140
			Benzo(a)pyrene	2024/06/27		87	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2024/06/27		83	%	50 - 140
			Dibenz(a,h)anthracene	2024/06/27		84	%	50 - 140
			Benzo(g,h,i)perylene	2024/06/27		84	%	50 - 140
B418471	JP1	Spiked Blank	D10-ANTHRACENE (sur.)	2024/06/28		86	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2024/06/28		78	%	50 - 140
			D8-NAPHTHALENE (sur.)	2024/06/28		70	%	50 - 140
			TERPHENYL-D14 (sur.)	2024/06/28		71	%	50 - 140
			Quinoline	2024/06/28		100	%	50 - 140
			Naphthalene	2024/06/28		72	%	50 - 140
			1-Methylnaphthalene	2024/06/28		70	%	50 - 140
			2-Methylnaphthalene	2024/06/28		68	%	50 - 140
			Acenaphthylene	2024/06/28		74	%	50 - 140
			Acenaphthene	2024/06/28		77	%	50 - 140
			Fluorene	2024/06/28		77	%	50 - 140
			Phenanthrene	2024/06/28		78	%	50 - 140
			Anthracene	2024/06/28		79	%	50 - 140
			Acridine	2024/06/28		87	%	50 - 140
			Fluoranthene	2024/06/28		67	%	50 - 140
			Pyrene	2024/06/28		68	%	50 - 140
			Benzo(a)anthracene	2024/06/28		82	%	50 - 140
			Chrysene	2024/06/28		85	%	50 - 140
			Benzo(b&j)fluoranthene	2024/06/28		82	%	50 - 140
			Benzo(k)fluoranthene	2024/06/28		81	%	50 - 140
			Benzo(a)pyrene	2024/06/28		80	%	50 - 140
			Indeno(1,2,3-cd)pyrene	2024/06/28		79	%	50 - 140
			Dibenz(a,h)anthracene	2024/06/28		78	%	50 - 140
			Benzo(g,h,i)perylene	2024/06/28		81	%	50 - 140
B418471	JP1	Method Blank	D10-ANTHRACENE (sur.)	2024/06/27		84	%	50 - 140
			D8-ACENAPHTHYLENE (sur.)	2024/06/27		79	%	50 - 140
			D8-NAPHTHALENE (sur.)	2024/06/27		58	%	50 - 140
			TERPHENYL-D14 (sur.)	2024/06/27		72	%	50 - 140



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Quinoline	2024/06/27	<0.020		ug/L	
				Naphthalene	2024/06/27	<0.10		ug/L	
				1-Methylnaphthalene	2024/06/27	<0.050		ug/L	
				2-Methylnaphthalene	2024/06/27	<0.10		ug/L	
				Acenaphthylene	2024/06/27	<0.050		ug/L	
				Acenaphthene	2024/06/27	<0.050		ug/L	
				Fluorene	2024/06/27	<0.050		ug/L	
				Phenanthrene	2024/06/27	<0.050		ug/L	
				Anthracene	2024/06/27	<0.010		ug/L	
				Acridine	2024/06/27	<0.050		ug/L	
				Fluoranthene	2024/06/27	<0.020		ug/L	
				Pyrene	2024/06/27	<0.020		ug/L	
				Benzo(a)anthracene	2024/06/27	<0.010		ug/L	
				Chrysene	2024/06/27	<0.020		ug/L	
				Benzo(b&j)fluoranthene	2024/06/27	<0.030		ug/L	
				Benzo(k)fluoranthene	2024/06/27	<0.050		ug/L	
				Benzo(a)pyrene	2024/06/27	<0.0050		ug/L	
				Indeno(1,2,3-cd)pyrene	2024/06/27	<0.050		ug/L	
				Dibenz(a,h)anthracene	2024/06/27	<0.0030		ug/L	
				Benzo(g,h,i)perylene	2024/06/27	<0.050		ug/L	
B418471	JP1	RPD		Quinoline	2024/06/28	NC		%	40
				Naphthalene	2024/06/28	3.9		%	40
				1-Methylnaphthalene	2024/06/28	4.4		%	40
				2-Methylnaphthalene	2024/06/28	4.1		%	40
				Acenaphthylene	2024/06/28	2.6		%	40
				Acenaphthene	2024/06/28	3.5		%	40
				Fluorene	2024/06/28	2.1		%	40
				Phenanthrene	2024/06/28	4.2		%	40
				Anthracene	2024/06/28	11		%	40
				Acridine	2024/06/28	NC		%	40
				Fluoranthene	2024/06/28	NC		%	40
				Pyrene	2024/06/28	NC		%	40
				Benzo(a)anthracene	2024/06/28	NC		%	40
				Chrysene	2024/06/28	NC		%	40
				Benzo(b&j)fluoranthene	2024/06/28	NC		%	40
				Benzo(k)fluoranthene	2024/06/28	NC		%	40
				Benzo(a)pyrene	2024/06/28	NC		%	40
				Indeno(1,2,3-cd)pyrene	2024/06/28	NC		%	40
				Dibenz(a,h)anthracene	2024/06/28	NC		%	40
				Benzo(g,h,i)perylene	2024/06/28	NC		%	40
B419100	RLC	Matrix Spike [CQC099-02]		Chloride (Cl)	2024/06/27		108	%	80 - 120
				Sulphate (SO4)	2024/06/27		87	%	80 - 120
B419100	RLC	Spiked Blank		Chloride (Cl)	2024/06/27		96	%	80 - 120
				Sulphate (SO4)	2024/06/27		98	%	80 - 120
B419100	RLC	Method Blank		Chloride (Cl)	2024/06/27	<1.0		mg/L	
				Sulphate (SO4)	2024/06/27	<1.0		mg/L	
B419100	RLC	RPD [CQC099-02]		Chloride (Cl)	2024/06/27	NC		%	20
				Sulphate (SO4)	2024/06/27	9.2		%	20
B419315	JC8	Matrix Spike		Dissolved Mercury (Hg)	2024/06/27		102	%	80 - 120
B419315	JC8	Spiked Blank		Dissolved Mercury (Hg)	2024/06/27		104	%	80 - 120
B419315	JC8	Method Blank		Dissolved Mercury (Hg)	2024/06/27	<0.0019		ug/L	
B419315	JC8	RPD		Dissolved Mercury (Hg)	2024/06/27	NC		%	20



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
	B419689	JC8	Matrix Spike	Total Mercury (Hg)	2024/06/28		103	%	80 - 120
	B419689	JC8	Spiked Blank	Total Mercury (Hg)	2024/06/28		102	%	80 - 120
	B419689	JC8	Method Blank	Total Mercury (Hg)	2024/06/28	<0.0019		ug/L	
	B419689	JC8	RPD	Total Mercury (Hg)	2024/06/28	NC		%	20
	B419690	RLC	Matrix Spike	Chloride (Cl)	2024/06/28		112	%	80 - 120
				Sulphate (SO4)	2024/06/28		124 (1)	%	80 - 120
	B419690	RLC	Spiked Blank	Chloride (Cl)	2024/06/27		99	%	80 - 120
				Sulphate (SO4)	2024/06/27		97	%	80 - 120
	B419690	RLC	Method Blank	Chloride (Cl)	2024/06/27	<1.0		mg/L	
				Sulphate (SO4)	2024/06/27	<1.0		mg/L	
	B419690	RLC	RPD	Chloride (Cl)	2024/06/28	0.79		%	20
				Sulphate (SO4)	2024/06/28	2.2		%	20
	B419942	JU2	Matrix Spike [CQC099-10]	HEPTADECANOIC ACID (sur.)	2024/06/28		81	%	50 - 130
				O-METHYLPODOCARPIC ACID (sur.)	2024/06/28		90	%	50 - 130
				Decanoic acid (C10)	2024/06/28		86	%	50 - 130
				Undecanoic acid (C11)	2024/06/28		95	%	50 - 130
				Dodecanoic acid (C12)	2024/06/28		92	%	50 - 130
				Tetradecanoic acid (C14)	2024/06/28		113	%	50 - 130
				Hexadecanoic acid (C16)	2024/06/28		93	%	50 - 130
				Octadecanoic acid (C18)	2024/06/28		113	%	50 - 130
				Oleic acid (C18:1)	2024/06/28		96	%	50 - 130
				Linoleic acid (C18:2)	2024/06/28		96	%	50 - 130
				Linolenic acid (C18:3)	2024/06/28		62	%	50 - 130
				Eicosanoic acid (C20)	2024/06/28		110	%	50 - 130
				Docosanoic acid (C22)	2024/06/28		125	%	50 - 130
				9,10-dichlorostearic acid (C18)	2024/06/28		77	%	50 - 130
				Pimaric acid	2024/06/28		105	%	50 - 130
				Sandaracopimaric acid	2024/06/28		78	%	50 - 130
				Isopimaric acid	2024/06/28		103	%	50 - 130
				Palustric acid	2024/06/28		57	%	50 - 130
				Dehydroabietic acid	2024/06/28		127	%	50 - 130
				Abietic acid	2024/06/28		107	%	50 - 130
				Neobietic acid	2024/06/28		79	%	50 - 130
				14-chlorodehydroabietic acid	2024/06/28		111	%	50 - 130
				12-chlorodehydroabietic acid	2024/06/28		110	%	50 - 130
				12,14-dichlorodehydroabietic acid	2024/06/28		119	%	50 - 130
	B419942	JU2	Spiked Blank	HEPTADECANOIC ACID (sur.)	2024/06/28		81	%	50 - 130
				O-METHYLPODOCARPIC ACID (sur.)	2024/06/28		87	%	50 - 130
				Decanoic acid (C10)	2024/06/28		86	%	50 - 130
				Undecanoic acid (C11)	2024/06/28		91	%	50 - 130
				Dodecanoic acid (C12)	2024/06/28		86	%	50 - 130
				Tetradecanoic acid (C14)	2024/06/28		89	%	50 - 130
				Hexadecanoic acid (C16)	2024/06/28		104	%	50 - 130
				Octadecanoic acid (C18)	2024/06/28		107	%	50 - 130
				Oleic acid (C18:1)	2024/06/28		98	%	50 - 130
				Linoleic acid (C18:2)	2024/06/28		92	%	50 - 130
				Linolenic acid (C18:3)	2024/06/28		62	%	50 - 130
				Eicosanoic acid (C20)	2024/06/28		102	%	50 - 130
				Docosanoic acid (C22)	2024/06/28		120	%	50 - 130
				9,10-dichlorostearic acid (C18)	2024/06/28		95	%	50 - 130
				Pimaric acid	2024/06/28		111	%	50 - 130
				Sandaracopimaric acid	2024/06/28		96	%	50 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Isopimaric acid	2024/06/28		100	%	50 - 130
			Palustric acid	2024/06/28		69	%	50 - 130
			Dehydroabietic acid	2024/06/28		124	%	50 - 130
			Abietic acid	2024/06/28		103	%	50 - 130
			Neoabietic acid	2024/06/28		76	%	50 - 130
			14-chlorodehydroabietic acid	2024/06/28		102	%	50 - 130
			12-chlorodehydroabietic acid	2024/06/28		101	%	50 - 130
			12,14-dichlorodehydroabietic acid	2024/06/28		118	%	50 - 130
B419942	JU2	Method Blank	HEPTADECANOIC ACID (sur.)	2024/06/28		77	%	50 - 130
			O-METHYLPODOCARPIC ACID (sur.)	2024/06/28		88	%	50 - 130
			Decanoic acid (C10)	2024/06/28	<0.0060		mg/L	
			Undecanoic acid (C11)	2024/06/28	<0.0060		mg/L	
			Dodecanoic acid (C12)	2024/06/28	<0.0060		mg/L	
			Tetradecanoic acid (C14)	2024/06/28	<0.0060		mg/L	
			Hexadecanoic acid (C16)	2024/06/28	<0.0060		mg/L	
			Octadecanoic acid (C18)	2024/06/28	<0.0060		mg/L	
			Oleic acid (C18:1)	2024/06/28	<0.0060		mg/L	
			Linoleic acid (C18:2)	2024/06/28	<0.0060		mg/L	
			Linolenic acid (C18:3)	2024/06/28	<0.0060		mg/L	
			Eicosanoic acid (C20)	2024/06/28	<0.0060		mg/L	
			Docosanoic acid (C22)	2024/06/28	<0.0060		mg/L	
			9,10-dichlorostearic acid (C18)	2024/06/28	<0.0060		mg/L	
			Pimaric acid	2024/06/28	<0.0060		mg/L	
			Sandaracopimaric acid	2024/06/28	<0.0060		mg/L	
			Isopimaric acid	2024/06/28	<0.0060		mg/L	
			Palustric acid	2024/06/28	<0.0060		mg/L	
			Dehydroabietic acid	2024/06/28	<0.0060		mg/L	
			Abietic acid	2024/06/28	<0.0060		mg/L	
			Neoabietic acid	2024/06/28	<0.0060		mg/L	
			14-chlorodehydroabietic acid	2024/06/28	<0.0060		mg/L	
			12-chlorodehydroabietic acid	2024/06/28	<0.0060		mg/L	
			12,14-dichlorodehydroabietic acid	2024/06/28	<0.0060		mg/L	
			* Total of Resin Acids Detected	2024/06/28	<0.060		mg/L	
			* Total of Fatty Acids Detected	2024/06/28	<0.072		mg/L	
B419942	JU2	RPD [CQC104-10]	Decanoic acid (C10)	2024/06/28	NC		%	30
			Undecanoic acid (C11)	2024/06/28	NC		%	30
			Dodecanoic acid (C12)	2024/06/28	NC		%	30
			Tetradecanoic acid (C14)	2024/06/28	NC		%	30
			Hexadecanoic acid (C16)	2024/06/28	NC		%	30
			Octadecanoic acid (C18)	2024/06/28	NC		%	30
			Oleic acid (C18:1)	2024/06/28	NC		%	30
			Linoleic acid (C18:2)	2024/06/28	NC		%	30
			Linolenic acid (C18:3)	2024/06/28	NC		%	30
			Eicosanoic acid (C20)	2024/06/28	NC		%	30
			Docosanoic acid (C22)	2024/06/28	NC		%	30
			9,10-dichlorostearic acid (C18)	2024/06/28	NC		%	30
			Pimaric acid	2024/06/28	NC		%	30
			Sandaracopimaric acid	2024/06/28	NC		%	30
			Isopimaric acid	2024/06/28	NC		%	30
			Palustric acid	2024/06/28	NC		%	30
			Dehydroabietic acid	2024/06/28	NC		%	30
			Abietic acid	2024/06/28	NC		%	30



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Neoabietic acid	2024/06/28	NC		%	30
			14-chlorodehydroabietic acid	2024/06/28	NC		%	30
			12-chlorodehydroabietic acid	2024/06/28	NC		%	30
			12,14-dichlorodehydroabietic acid	2024/06/28	NC		%	30
			* Total of Resin Acids Detected	2024/06/28	NC		%	30
			* Total of Fatty Acids Detected	2024/06/28	NC		%	30
B420399	RLC	Matrix Spike	Chloride (Cl)	2024/06/28		106	%	80 - 120
			Sulphate (SO4)	2024/06/28		93	%	80 - 120
B420399	RLC	Spiked Blank	Chloride (Cl)	2024/06/28		96	%	80 - 120
			Sulphate (SO4)	2024/06/28		99	%	80 - 120
B420399	RLC	Method Blank	Chloride (Cl)	2024/06/28	<1.0		mg/L	
			Sulphate (SO4)	2024/06/28	<1.0		mg/L	
B420399	RLC	RPD	Chloride (Cl)	2024/06/28	1.9		%	20
			Sulphate (SO4)	2024/06/28	NC		%	20
B420403	RLC	Matrix Spike	Chloride (Cl)	2024/06/28		NC	%	80 - 120
			Sulphate (SO4)	2024/06/28		NC	%	80 - 120
B420403	RLC	Spiked Blank	Chloride (Cl)	2024/06/28		103	%	80 - 120
			Sulphate (SO4)	2024/06/28		100	%	80 - 120
B420403	RLC	Method Blank	Chloride (Cl)	2024/06/28	<1.0		mg/L	
			Sulphate (SO4)	2024/06/28	<1.0		mg/L	
B420403	RLC	RPD	Chloride (Cl)	2024/06/28	0.92		%	20
			Sulphate (SO4)	2024/06/28	0.37		%	20
B421057	IC4	Matrix Spike	Total Ammonia (N)	2024/06/28		89	%	80 - 120
B421057	IC4	Spiked Blank	Total Ammonia (N)	2024/06/28		100	%	80 - 120
B421057	IC4	Method Blank	Total Ammonia (N)	2024/06/28	<0.015		mg/L	
B421057	IC4	RPD	Total Ammonia (N)	2024/06/28	3.2		%	20
B423384	AA1	Spiked Blank	Dissolved Selenium (Se)	2024/07/02		98	%	80 - 120
B423384	AA1	Method Blank	Dissolved Selenium (Se)	2024/07/02	<0.10		ug/L	
B436653	éDU	Matrix Spike	2,4,5,6-Tetrachloro-m-xylene	2024/06/29		85	%	50 - 130
			a-BHC	2024/06/29		90	%	30 - 130
			a-Chlordane	2024/06/29		92	%	50 - 130
			b-BHC	2024/06/29		82	%	30 - 130
			d-BHC	2024/06/29		87	%	30 - 130
			Decachlorobiphenyl	2024/06/29		87	%	50 - 130
			Endosulfan I	2024/06/29		89	%	50 - 130
			Endosulfan II	2024/06/29		86	%	50 - 130
			Endosulfan Sulfate	2024/06/29		98	%	30 - 130
			Endrin	2024/06/29		96	%	50 - 130
			Endrin Aldehyde	2024/06/29		69	%	30 - 130
			Endrin ketone	2024/06/29		104	%	30 - 130
			Hexachlorobenzene	2024/06/29		83	%	50 - 130
			Mirex	2024/06/29		81	%	30 - 130
			o,p'-DDT	2024/06/29		114	%	50 - 130
			Octachlorostyrene	2024/06/29		92	%	30 - 130
			Lindane	2024/06/29		94	%	50 - 130
			Heptachlor	2024/06/29		100	%	50 - 130
			Aldrin	2024/06/29		88	%	50 - 130
			Heptachlor Epoxide	2024/06/29		96	%	50 - 130
			Oxychlordane	2024/06/29		97	%	30 - 130
			g-Chlordane	2024/06/29		89	%	50 - 130
			Dieldrin	2024/06/29		98	%	50 - 130
			o,p'-DDE	2024/06/29		95	%	50 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			p,p'-DDE	2024/06/29		106	%	50 - 130
			o,p'-DDD	2024/06/29		97	%	50 - 130
			p,p'-DDD	2024/06/29		107	%	50 - 130
			p,p'-DDT	2024/06/29		121	%	50 - 130
			Methoxychlor	2024/06/29		125	%	50 - 130
B436653	éDU	Spiked Blank	2,4,5,6-Tetrachloro-m-xylene	2024/06/29		67	%	50 - 130
			a-BHC	2024/06/29		89	%	30 - 130
			a-Chlordane	2024/06/29		89	%	50 - 130
			b-BHC	2024/06/29		79	%	30 - 130
			d-BHC	2024/06/29		85	%	30 - 130
			Decachlorobiphenyl	2024/06/29		80	%	50 - 130
			Endosulfan I	2024/06/29		93	%	50 - 130
			Endosulfan II	2024/06/29		87	%	50 - 130
			Endosulfan Sulfate	2024/06/29		89	%	30 - 130
			Endrin	2024/06/29		91	%	50 - 130
			Endrin Aldehyde	2024/06/29		71	%	30 - 130
			Endrin ketone	2024/06/29		100	%	30 - 130
			Hexachlorobenzene	2024/06/29		77	%	50 - 130
			Mirex	2024/06/29		74	%	30 - 130
			o,p'-DDT	2024/06/29		98	%	50 - 130
			Octachlorostyrene	2024/06/29		78	%	30 - 130
			Lindane	2024/06/29		92	%	50 - 130
			Heptachlor	2024/06/29		85	%	50 - 130
			Aldrin	2024/06/29		72	%	50 - 130
			Heptachlor Epoxide	2024/06/29		93	%	50 - 130
			Oxychlordane	2024/06/29		91	%	30 - 130
			g-Chlordane	2024/06/29		86	%	50 - 130
			Dieldrin	2024/06/29		95	%	50 - 130
			o,p'-DDE	2024/06/29		90	%	50 - 130
			p,p'-DDE	2024/06/29		101	%	50 - 130
			o,p'-DDD	2024/06/29		95	%	50 - 130
			p,p'-DDD	2024/06/29		104	%	50 - 130
			p,p'-DDT	2024/06/29		108	%	50 - 130
			Methoxychlor	2024/06/29		117	%	50 - 130
B436653	éDU	RPD	a-BHC	2024/06/29	3.9		%	40
			a-Chlordane	2024/06/29	6.7		%	30
			b-BHC	2024/06/29	6.7		%	40
			d-BHC	2024/06/29	3.9		%	40
			Endosulfan I	2024/06/29	2.1		%	30
			Endosulfan II	2024/06/29	5.5		%	30
			Endosulfan Sulfate	2024/06/29	9.3		%	40
			Endrin	2024/06/29	8.0		%	30
			Endrin Aldehyde	2024/06/29	2.7		%	40
			Endrin ketone	2024/06/29	4.3		%	40
			Hexachlorobenzene	2024/06/29	4.1		%	30
			Mirex	2024/06/29	14		%	40
			o,p'-DDT	2024/06/29	13		%	30
			Octachlorostyrene	2024/06/29	8.3		%	40
			Lindane	2024/06/29	4.7		%	30
			Heptachlor	2024/06/29	8.3		%	30
			Aldrin	2024/06/29	8.7		%	30
			Heptachlor Epoxide	2024/06/29	4.8		%	30



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Oxychlordane	2024/06/29	7.5		%	30
			g-Chlordane	2024/06/29	7.1		%	30
			Dieldrin	2024/06/29	5.8		%	30
			o,p'-DDE	2024/06/29	7.1		%	30
			p,p'-DDE	2024/06/29	2.9		%	30
			o,p'-DDD	2024/06/29	6.7		%	30
			p,p'-DDD	2024/06/29	7.1		%	30
			p,p'-DDT	2024/06/29	7.6		%	30
			Methoxychlor	2024/06/29	10		%	30
B436653	éDU	Method Blank	2,4,5,6-Tetrachloro-m-xylene	2024/06/29		67	%	50 - 130
			a-BHC	2024/06/29	<0.005		ug/L	
			a-Chlordane	2024/06/29	<0.005		ug/L	
			b-BHC	2024/06/29	<0.005		ug/L	
			d-BHC	2024/06/29	<0.005		ug/L	
			Decachlorobiphenyl	2024/06/29		90	%	50 - 130
			Endosulfan I	2024/06/29	<0.005		ug/L	
			Endosulfan II	2024/06/29	<0.005		ug/L	
			Endosulfan Sulfate	2024/06/29	<0.005		ug/L	
			Endrin	2024/06/29	<0.005		ug/L	
			Endrin Aldehyde	2024/06/29	<0.005		ug/L	
			Endrin ketone	2024/06/29	<0.005		ug/L	
			Hexachlorobenzene	2024/06/29	<0.005		ug/L	
			Mirex	2024/06/29	<0.005		ug/L	
			o,p'-DDT	2024/06/29	<0.005		ug/L	
			Octachlorostyrene	2024/06/29	<0.005		ug/L	
			Toxaphene	2024/06/29	<0.2		ug/L	
			Lindane	2024/06/29	<0.003		ug/L	
			Heptachlor	2024/06/29	<0.005		ug/L	
			Aldrin	2024/06/29	<0.005		ug/L	
			Heptachlor Epoxide	2024/06/29	<0.005		ug/L	
			Oxychlordane	2024/06/29	<0.005		ug/L	
			g-Chlordane	2024/06/29	<0.005		ug/L	
			Dieldrin	2024/06/29	<0.005		ug/L	
			o,p'-DDE	2024/06/29	<0.005		ug/L	
			p,p'-DDE	2024/06/29	<0.005		ug/L	
			o,p'-DDD	2024/06/29	<0.005		ug/L	
			p,p'-DDD	2024/06/29	<0.005		ug/L	
			p,p'-DDT	2024/06/29	<0.005		ug/L	
			Methoxychlor	2024/06/29	<0.01		ug/L	
			Aroclor 1016	2024/06/29	<0.05		ug/L	
			Aroclor 1221	2024/06/29	<0.05		ug/L	
			Aroclor 1232	2024/06/29	<0.05		ug/L	
			Aroclor 1242	2024/06/29	<0.05		ug/L	
			Aroclor 1248	2024/06/29	<0.05		ug/L	
			Aroclor 1254	2024/06/29	<0.05		ug/L	
			Aroclor 1260	2024/06/29	<0.05		ug/L	
B436655	MYI	Matrix Spike [CQC099-12]	2-Fluorobiphenyl	2024/07/09		68	%	30 - 130
			Aldicarb	2024/07/09		75	%	30 - 130
			Atrazine	2024/07/09		80	%	30 - 130
			Bendiocarb	2024/07/09		95	%	30 - 130
			Carbaryl	2024/07/09		89	%	30 - 130
			Carbofuran	2024/07/09		95	%	30 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Chlorpyrifos (Dursban)	2024/07/09		90	%	30 - 130
			Cyanazine (Bladex)	2024/07/09		79	%	30 - 130
			D14-Terphenyl (FS)	2024/07/09		94	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/07/09		70	%	30 - 130
			Demeton-S	2024/07/09		86	%	30 - 130
			Diazinon	2024/07/09		92	%	30 - 130
			Dichlorvos	2024/07/09		83	%	30 - 130
			Dimethoate	2024/07/09		39	%	30 - 130
			Ethion	2024/07/09		76	%	30 - 130
			Fenchlorphos (Ronnell)	2024/07/09		54	%	30 - 130
			Fenthion	2024/07/09		74	%	30 - 130
			Fonofos	2024/07/09		91	%	30 - 130
			Guthion (Azinphos-methyl)	2024/07/09		2.8 (2)	%	30 - 130
			Malathion	2024/07/09		52	%	30 - 130
			Mevinphos (Phosdrin)	2024/07/09		86	%	30 - 130
			Parathion Ethyl	2024/07/09		82	%	30 - 130
			Parathion methyl	2024/07/09		37	%	30 - 130
			Phorate (Thimet)	2024/07/09		88	%	30 - 130
			Phosmet	2024/07/09		7.6 (2)	%	30 - 130
			Prometryn	2024/07/09		98	%	30 - 130
			Simazine	2024/07/09		96	%	30 - 130
			Terbufos	2024/07/09		92	%	30 - 130
			Triallate	2024/07/09		90	%	30 - 130
			Trifluralin	2024/07/09		88	%	30 - 130
			Metolachlor	2024/07/09		93	%	30 - 130
B436655	MYI	Spiked Blank	2-Fluorobiphenyl	2024/07/09		65	%	30 - 130
			Aldicarb	2024/07/09		80	%	30 - 130
			Atrazine	2024/07/09		78	%	30 - 130
			Bendiocarb	2024/07/09		93	%	30 - 130
			Carbaryl	2024/07/09		78	%	30 - 130
			Carbofuran	2024/07/09		97	%	30 - 130
			Chlorpyrifos (Dursban)	2024/07/09		82	%	30 - 130
			Cyanazine (Bladex)	2024/07/09		69	%	30 - 130
			D14-Terphenyl (FS)	2024/07/09		95	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/07/09		77	%	30 - 130
			Demeton-S	2024/07/09		86	%	30 - 130
			Diazinon	2024/07/09		88	%	30 - 130
			Dichlorvos	2024/07/09		85	%	30 - 130
			Dimethoate	2024/07/09		19 (2)	%	30 - 130
			Ethion	2024/07/09		55	%	30 - 130
			Fenchlorphos (Ronnell)	2024/07/09		28 (2)	%	30 - 130
			Fenthion	2024/07/09		53	%	30 - 130
			Fonofos	2024/07/09		92	%	30 - 130
			Guthion (Azinphos-methyl)	2024/07/09		0.58 (2)	%	30 - 130
			Malathion	2024/07/09		29 (2)	%	30 - 130
			Mevinphos (Phosdrin)	2024/07/09		83	%	30 - 130
			Parathion Ethyl	2024/07/09		71	%	30 - 130
			Parathion methyl	2024/07/09		18 (2)	%	30 - 130
			Phorate (Thimet)	2024/07/09		84	%	30 - 130
			Phosmet	2024/07/09		1.6 (2)	%	30 - 130
			Prometryn	2024/07/09		98	%	30 - 130
			Simazine	2024/07/09		95	%	30 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
B436655	MYI	Method Blank	Terbufos	2024/07/09		92	%	30 - 130
			Triallate	2024/07/09		89	%	30 - 130
			Trifluralin	2024/07/09		88	%	30 - 130
			Metolachlor	2024/07/09		90	%	30 - 130
			2-Fluorobiphenyl	2024/07/09		70	%	30 - 130
			Aldicarb	2024/07/09	<5.0		ug/L	
			Atrazine	2024/07/09	<1.0		ug/L	
			Bendiocarb	2024/07/09	<2.0		ug/L	
			Carbaryl	2024/07/09	<5.0		ug/L	
			Carbofuran	2024/07/09	<5.0		ug/L	
			Chlorpyrifos (Dursban)	2024/07/09	<2.0		ug/L	
			Cyanazine (Bladex)	2024/07/09	<5.0		ug/L	
			D14-Terphenyl (FS)	2024/07/09		94	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/07/09		79	%	30 - 130
			Demeton-S	2024/07/09	<2.0		ug/L	
			Diazinon	2024/07/09	<2.0		ug/L	
			Dichlorvos	2024/07/09	<2.0		ug/L	
			Dimethoate	2024/07/09	<2.0		ug/L	
			Ethion	2024/07/09	<1.0		ug/L	
			Fenchlorphos (Ronnell)	2024/07/09	<2.0		ug/L	
			Fenthion	2024/07/09	<1.0		ug/L	
			Fonofos	2024/07/09	<2.0		ug/L	
			Guthion (Azinphos-methyl)	2024/07/09	<1.0		ug/L	
Malathion	2024/07/09	<2.0		ug/L				
Mevinphos (Phosdrin)	2024/07/09	<2.0		ug/L				
Parathion Ethyl	2024/07/09	<2.0		ug/L				
Parathion methyl	2024/07/09	<2.0		ug/L				
Phorate (Thimet)	2024/07/09	<1.0		ug/L				
Phosmet	2024/07/09	<2.0		ug/L				
Prometryn	2024/07/09	<1.0		ug/L				
Simazine	2024/07/09	<2.0		ug/L				
Terbufos	2024/07/09	<1.0		ug/L				
Triallate	2024/07/09	<5.0		ug/L				
Trifluralin	2024/07/09	<5.0		ug/L				
Metolachlor	2024/07/09	<5.0		ug/L				
B436655	MYI	RPD [CQC100-12]	Aldicarb	2024/07/09	NC		%	40
			Atrazine	2024/07/09	NC		%	40
			Bendiocarb	2024/07/09	NC		%	40
			Carbaryl	2024/07/09	NC		%	40
			Carbofuran	2024/07/09	NC		%	40
			Chlorpyrifos (Dursban)	2024/07/09	NC		%	40
			Cyanazine (Bladex)	2024/07/09	NC		%	40
			Demeton-S	2024/07/09	NC		%	40
			Diazinon	2024/07/09	NC		%	40
			Dichlorvos	2024/07/09	NC		%	40
			Dimethoate	2024/07/09	NC		%	40
			Ethion	2024/07/09	NC		%	40
			Fenchlorphos (Ronnell)	2024/07/09	NC		%	40
			Fenthion	2024/07/09	NC		%	40
Fonofos	2024/07/09	NC		%	40			
Guthion (Azinphos-methyl)	2024/07/09	NC		%	40			
Malathion	2024/07/09	NC		%	40			



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				Mevinphos (Phosdrin)	2024/07/09	NC		%	40
				Parathion Ethyl	2024/07/09	NC		%	40
				Parathion methyl	2024/07/09	NC		%	40
				Phorate (Thimet)	2024/07/09	NC		%	40
				Phosmet	2024/07/09	NC		%	40
				Prometryn	2024/07/09	NC		%	40
				Simazine	2024/07/09	NC		%	40
				Terbufos	2024/07/09	NC		%	40
				Triallate	2024/07/09	NC		%	40
				Trifluralin	2024/07/09	NC		%	40
				Metolachlor	2024/07/09	NC		%	40
B436656	MYI		Matrix Spike	2,4-D (BEE)	2024/07/03		106	%	10 - 130
				2,4-Dichlorophenyl Acetic Acid	2024/07/03		96	%	50 - 130
				2,5-Dibromobenzoic Acid	2024/07/03		97	%	10 - 130
				4,4-Dibromobiphenyl	2024/07/03		91	%	10 - 130
				Dicamba	2024/07/03		106	%	10 - 130
				MCPP	2024/07/03		101	%	10 - 130
				MCPA	2024/07/03		104	%	10 - 130
				Dichlorprop	2024/07/03		103	%	10 - 130
				2,4-D	2024/07/03		104	%	10 - 130
				2,4,5-TP	2024/07/03		105	%	10 - 130
				2,4,5-T	2024/07/03		107	%	10 - 130
				2,4-DB	2024/07/03		100	%	10 - 130
				Picloram	2024/07/03		97	%	10 - 130
B436656	MYI		Spiked Blank	2,4-D (BEE)	2024/07/02		108	%	10 - 130
				2,4-Dichlorophenyl Acetic Acid	2024/07/02		97	%	50 - 130
				2,5-Dibromobenzoic Acid	2024/07/02		98	%	10 - 130
				4,4-Dibromobiphenyl	2024/07/02		98	%	10 - 130
				Dicamba	2024/07/02		107	%	10 - 130
				MCPP	2024/07/02		101	%	10 - 130
				MCPA	2024/07/02		103	%	10 - 130
				Dichlorprop	2024/07/02		102	%	10 - 130
				2,4-D	2024/07/02		105	%	10 - 130
				2,4,5-TP	2024/07/02		105	%	10 - 130
				2,4,5-T	2024/07/02		107	%	10 - 130
				2,4-DB	2024/07/02		103	%	10 - 130
				Picloram	2024/07/02		96	%	10 - 130
B436656	MYI		Method Blank	2,4-D (BEE)	2024/07/02	<0.50		ug/L	
				2,4-Dichlorophenyl Acetic Acid	2024/07/02		96	%	50 - 130
				2,5-Dibromobenzoic Acid	2024/07/02		96	%	10 - 130
				4,4-Dibromobiphenyl	2024/07/02		102	%	10 - 130
				Dicamba	2024/07/02	<0.50		ug/L	
				MCPP	2024/07/02	<0.50		ug/L	
				MCPA	2024/07/02	<0.50		ug/L	
				Dichlorprop	2024/07/02	<0.50		ug/L	
				2,4-D	2024/07/02	<0.50		ug/L	
				2,4,5-TP	2024/07/02	<0.50		ug/L	
				2,4,5-T	2024/07/02	<0.50		ug/L	
				2,4-DB	2024/07/02	<0.50		ug/L	
				Picloram	2024/07/02	<0.50		ug/L	
B436657	MYI		Spiked Blank	2-Fluorobiphenyl	2024/07/02		58	%	30 - 130
				D14-Terphenyl (FS)	2024/07/02		94	%	30 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC	Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
				D5-NITROBENZENE (sur.)	2024/07/02		83	%	30 - 130
				Prometon	2024/07/02		98	%	40 - 130
				Simazine	2024/07/02		91	%	40 - 130
				Atrazine	2024/07/02		95	%	40 - 130
				Propazine	2024/07/02		88	%	40 - 130
				Metribuzin (Sencor)	2024/07/02		103	%	40 - 130
				Simetryn	2024/07/02		97	%	40 - 130
				Ametryn	2024/07/02		96	%	40 - 130
				Prometryn	2024/07/02		98	%	40 - 130
				Terbutryne	2024/07/02		99	%	40 - 130
				Cyanazine (Bladex)	2024/07/02		103	%	40 - 130
B436657	MYI	RPD		Prometon	2024/07/02	2.0		%	50
				Simazine	2024/07/02	3.2		%	50
				Atrazine	2024/07/02	2.2		%	50
				Propazine	2024/07/02	8.1		%	50
				Metribuzin (Sencor)	2024/07/02	0.92		%	50
				Simetryn	2024/07/02	0.64		%	50
				Ametryn	2024/07/02	1.4		%	50
				Prometryn	2024/07/02	0.071		%	50
				Terbutryne	2024/07/02	0.39		%	50
				Cyanazine (Bladex)	2024/07/02	2.3		%	50
B436657	MYI	Method Blank		2-Fluorobiphenyl	2024/07/02		57	%	30 - 130
				D14-Terphenyl (FS)	2024/07/02		91	%	30 - 130
				D5-NITROBENZENE (sur.)	2024/07/02		76	%	30 - 130
				Prometon	2024/07/02	<0.5		ug/L	
				Simazine	2024/07/02	<3		ug/L	
				Atrazine	2024/07/02	<1		ug/L	
				Propazine	2024/07/02	<3		ug/L	
				Metribuzin (Sencor)	2024/07/02	<3		ug/L	
				Simetryn	2024/07/02	<0.5		ug/L	
				Ametryn	2024/07/02	<3		ug/L	
				Prometryn	2024/07/02	<3		ug/L	
				Terbutryne	2024/07/02	<0.5		ug/L	
				Cyanazine (Bladex)	2024/07/02	<3		ug/L	
B436658	MYI	Spiked Blank		2-Fluorobiphenyl	2024/07/11		67	%	30 - 130
				Aldicarb	2024/07/11		80	%	30 - 130
				Atrazine	2024/07/11		88	%	30 - 130
				Bendiocarb	2024/07/11		86	%	30 - 130
				Carbaryl	2024/07/11		67	%	30 - 130
				Carbofuran	2024/07/11		89	%	30 - 130
				Chlorpyrifos (Dursban)	2024/07/11		100	%	30 - 130
				Cyanazine (Bladex)	2024/07/11		109	%	30 - 130
				D14-Terphenyl (FS)	2024/07/11		99	%	30 - 130
				D5-NITROBENZENE (sur.)	2024/07/11		79	%	30 - 130
				Demeton-S	2024/07/11		94	%	30 - 130
				Diazinon	2024/07/11		96	%	30 - 130
				Dichlorvos	2024/07/11		98	%	30 - 130
				Dimethoate	2024/07/11		94	%	30 - 130
				Ethion	2024/07/11		102	%	30 - 130
				Fenchlorphos (Ronnell)	2024/07/11		99	%	30 - 130
				Fenthion	2024/07/11		101	%	30 - 130
				Fonofos	2024/07/11		96	%	30 - 130



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Guthion (Azinphos-methyl)	2024/07/11		75	%	30 - 130
			Malathion	2024/07/11		100	%	30 - 130
			Mevinphos (Phosdrin)	2024/07/11		93	%	30 - 130
			Parathion Ethyl	2024/07/11		94	%	30 - 130
			Parathion methyl	2024/07/11		90	%	30 - 130
			Phorate (Thimet)	2024/07/11		92	%	30 - 130
			Phosmet	2024/07/11		86	%	30 - 130
			Prometryn	2024/07/11		106	%	30 - 130
			Simazine	2024/07/11		102	%	30 - 130
			Terbufos	2024/07/11		100	%	30 - 130
			Triallate	2024/07/11		91	%	30 - 130
			Trifluralin	2024/07/11		97	%	30 - 130
			Metolachlor	2024/07/11		101	%	30 - 130
B436658	MYI	RPD	Aldicarb	2024/07/11	2.3		%	40
			Atrazine	2024/07/11	0.96		%	40
			Bendiocarb	2024/07/11	6.0		%	40
			Carbaryl	2024/07/11	6.8		%	40
			Carbofuran	2024/07/11	6.6		%	40
			Chlorpyrifos (Dursban)	2024/07/11	1.2		%	40
			Cyanazine (Bladex)	2024/07/11	1.4		%	40
			Demeton-S	2024/07/11	2.4		%	40
			Diazinon	2024/07/11	4.5		%	40
			Dichlorvos	2024/07/11	0.13		%	40
			Dimethoate	2024/07/11	2.9		%	40
			Ethion	2024/07/11	0.25		%	40
			Fenchlorphos (Ronnel)	2024/07/11	1.6		%	40
			Fenthion	2024/07/11	0.61		%	40
			Fonofos	2024/07/11	3.3		%	40
			Guthion (Azinphos-methyl)	2024/07/11	1.9		%	40
			Malathion	2024/07/11	5.4		%	40
			Mevinphos (Phosdrin)	2024/07/11	2.3		%	40
			Parathion Ethyl	2024/07/11	2.3		%	40
			Parathion methyl	2024/07/11	0.26		%	40
			Phorate (Thimet)	2024/07/11	2.2		%	40
			Phosmet	2024/07/11	2.3		%	40
			Prometryn	2024/07/11	0.85		%	40
			Simazine	2024/07/11	0.79		%	40
			Terbufos	2024/07/11	1.9		%	40
			Triallate	2024/07/11	0.95		%	40
			Trifluralin	2024/07/11	0.21		%	40
			Metolachlor	2024/07/11	1.1		%	40
B436658	MYI	Method Blank	2-Fluorobiphenyl	2024/07/11		62	%	30 - 130
			Aldicarb	2024/07/11	<5.0		ug/L	
			Atrazine	2024/07/11	<1.0		ug/L	
			Bendiocarb	2024/07/11	<2.0		ug/L	
			Carbaryl	2024/07/11	<5.0		ug/L	
			Carbofuran	2024/07/11	<5.0		ug/L	
			Chlorpyrifos (Dursban)	2024/07/11	<2.0		ug/L	
			Cyanazine (Bladex)	2024/07/11	<5.0		ug/L	
			D14-Terphenyl (FS)	2024/07/11		94	%	30 - 130
			D5-NITROBENZENE (sur.)	2024/07/11		70	%	30 - 130
			Demeton-S	2024/07/11	<2.0		ug/L	



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

QUALITY ASSURANCE REPORT(CONT'D)

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
			Diazinon	2024/07/11	<2.0		ug/L	
			Dichlorvos	2024/07/11	<2.0		ug/L	
			Dimethoate	2024/07/11	<2.0		ug/L	
			Ethion	2024/07/11	<1.0		ug/L	
			Fenchlorphos (Ronnell)	2024/07/11	<2.0		ug/L	
			Fenthion	2024/07/11	<1.0		ug/L	
			Fonofos	2024/07/11	<2.0		ug/L	
			Guthion (Azinphos-methyl)	2024/07/11	<1.0		ug/L	
			Malathion	2024/07/11	<2.0		ug/L	
			Mevinphos (Phosdrin)	2024/07/11	<2.0		ug/L	
			Parathion Ethyl	2024/07/11	<2.0		ug/L	
			Parathion methyl	2024/07/11	<2.0		ug/L	
			Phorate (Thimet)	2024/07/11	<1.0		ug/L	
			Phosmet	2024/07/11	<2.0		ug/L	
			Prometryn	2024/07/11	<1.0		ug/L	
			Simazine	2024/07/11	<2.0		ug/L	
			Terbufos	2024/07/11	<1.0		ug/L	
			Triallate	2024/07/11	<5.0		ug/L	
			Trifluralin	2024/07/11	<5.0		ug/L	
			Metolachlor	2024/07/11	<5.0		ug/L	

N/A = Not Applicable

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) The recovery was below the lower control limit. This may represent a low bias in some results for flagged analytes.



BUREAU
VERITAS

Bureau Veritas Job #: C447360
Report Date: 2024/07/12

McElhanney Consulting Services Ltd.
Client Project #: Village of Tahsis
Site Location: TAHSIS, BC
Your P.O. #: 49140
Sampler Initials: CW

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

David Huang, M.Sc., P.Chem., QP, Scientific Services Manager

Anastassia Hamanov, Scientific Specialist

Veronica Falk, B.Sc., P.Chem., QP, Scientific Specialist, Organics



Bureau Veritas Proprietary Software
Logiciel Propriétaire de Bureau Veritas

Automated Statchk

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Raphael Kwan, Senior Manager, BC and Yukon Regions responsible for British Columbia Environmental laboratory operations.



08538954

Invoice Information		Report information (if differs from invoice)		Project information	
Company:	McElhannay Ltd.	Company:		Quotation #:	
Contact Name:	Chris Wall	Contact Name:	Same	P.O. #/ AFE#:	49140
Street Address:	1196 Dogwood St.	Street Address:		Project #:	49140
City:	Campbell River	City:		Site #:	
Prov:	BC	Prov:		Site Location:	Tabsis
Postal Code:	V9W 3A2	Postal Code:		Site Location Province:	BC
Phone:	(250) 203-4210	Phone:		Sampled By:	Chris Wall
Email:	cwall@mcclhannay.com	Email:			
Copies:	mdega@mcclhannay.com	Copies:			



MVAN-2024-06-1271

Regulatory Criteria

BC CSR CCME Drinking Water
 YUKON CSR BC Water Quality Other: _____

Sample Identification	Date Sampled		Time (24hr)		Matrix	Regulatory Criteria														# OF CONTAINERS SUBMITTED	HOLD - DO NOT ANALYZE	Regular Turnaround Time (TAT)	Rush Turnaround Time (TAT)	Comments						
	YY	MM	DD	HH		MM	1	2	3	4	5	6	7	8	9	10	11	12	13						14	15	16	17	18	19
1 MW 20-01 S	24	06	25	11	45	GW	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17		5 to 7 Day	Microbio. sampled @ 13:30
2 MW 20-01 D	"	"	"	11	00	"	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17		10 Day	Microbio sampled @ 13:35	
3 MW 20-02 S	"	"	"	10	00	"	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17		1 Day	Microbio. sampled @ 13:40	
4 MW 20-02 D	"	"	"	09	10	"	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17		3 Day	Microbio sampled @ 13:45	
5 TW 2	"	"	"	12	35	"	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17				
6 PW	"	"	"	13	25	"	2	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17				
7																														
8																														
9																														
10																														
11																														
12																														

See attached BV sample Cont request form for analysis.

Microbio. sample to be analyzed w/in 24 hours of sampling please.

*UNLESS OTHERWISE AGREED TO IN WRITING, WORK SUBMITTED ON THIS CHAIN OF CUSTODY IS SUBJECT TO BUREAU VERITAS STANDARD TERMS AND CONDITIONS. SIGNING OF THIS CHAIN OF CUSTODY DOCUMENT IS ACKNOWLEDGMENT AND ACCEPTANCE OF OUR TERMS AND CONDITIONS WHICH ARE AVAILABLE FOR VIEWING AT WWW.BVNA.COM/TERMS-AND-CONDITIONS OR BY CALLING THE LABORATORY LISTED ABOVE TO OBTAIN A COPY

LAB USE ONLY		Yes	No	°C			LAB USE ONLY		Yes	No	°C			LAB USE ONLY		Yes	No	°C			Temperature reading by:
Seal present				6	7	7	Seal present				6	4	6	Seal present				8	8	6	
Seal intact							Seal intact							Seal intact							
Cooling media present				1	2	3	Cooling media present				1	2	3	Cooling media present				1	2	3	
Relinquished by: (Signature/ Print)			Date			Time			Received by: (Signature/ Print)			Date			Time			Special Instructions			
1 Chris Wall			24			06 25 17 00			1 Marta Zamora			2024			06 26 09 52						
2									2												

ICE PACK frozen.



GENERAL VERITAS

08538955

2/3

Bottle Order #: 728025

SAMPLE CONTAINER REQUEST FORM

Date Ordered: 2024/06/12
Bottle Order #: 728025
Pr. Manager: Rany El-Roz

Date Required: 2024/06/17
Time Required: 03:00 PM
Ship Method: Delivery
Ship Courier:

Quote: C31636
Site
Project #: Village of Tahsis
PO #:

Comments:

PW
TW 2
MW 20-01 S
MW 20-01 D
MW 20-02 S
MW 20-02 D.

Ordered By
Company: McElhanney Consulting Services Ltd.
Attention: Chris Wall
Other Attn:
Phone: (250) 203-4210
Fax:
Street: 1196 Dogwood Street

Ship To
McElhanney Consulting Services Ltd.
Chris Wall
(250) 203-4210
1196 Dogwood Street

City: Campbell River, British Columbia
Canada V9W 3A2

Campbell River, British Columbia
Canada V9W 3A2

Label ID	Size	Type	Preservative	Analysis	# of Samples	# of Containers / Sample	Addn	QC	Total # of Containers	Sampling Instructions
SET # 1 WATER										
1L Amber Glass	1 L	Amber Glass	Cold	Phenoxy Acid Herbicides Triazine Herbicides ①	8	2	0	0	16	
240 mL Microbiology	240 mL	Plastic Sterilized Bact-T	Sodium Thiosulphate	Coliform by membrane filtration, E.coli by membrane filtration in Water ②	8	1	0	0	8	Fill to line / Rush to Lab
AMBER GLASS-250ML UNPRESERVED	250 ml	Amber Glass	No preservative	Resin and Fatty Acids ③	8	2	0	0	16	
AMBER GLASS-500ML UNPRESERVED	500 ML	Amber Glass	No preservative	Polychlorinated Biphenyls in Water, Total PCBs in Water, GC/MS Analysis of OP Pesticides ④	8	3	0	0	24	
AMMONIA-40ML -CLEAR GLASS VIAL	40 ml	Glass Vial	Sulfuric Acid	Ammonia-N (Total) ⑤	8	1	0	0	8	Bottle is Precharged with Preservative.
F24, TEH, PAH, E PH-100ml	100 mL	Amber Glass	Sodium Bisulfate	PAH in Water by GC/MS (SIM), Total LMW, HMW, Total PAH Calc ⑥	8	1	0	0	8	Preservative is precharged in sample bottle

Received by: *Alleana Zamora*
2024/06/26 09:58

no ice frozen
t: 6/7/7 - 6/4/16 - 8/8/16

Burnaby: 4606 Canada Way V5G 1K5 Telephone(604) 734-7276 Fax(604) 731-2386



BUREAU VERITAS

08538956

3/3

Bottle Order #:



728025

Label ID	Size	Type	Preservative	Analysis	# of Samples	# of Containers / Sample	Addn	QC	Total # of Containers	Sampling Instructions
GENERAL - 250ml (WHITE)	250 mL	Plastic	No preservative	Alkalinity @25C (pp, total), CO ₃ , HCO ₃ , OH, Chloride/Sulphate by Auto Colourimetry, Conductivity @25C, Fluoride, Nitrate + Nitrite (N), Nitrite (N) Regular Level Water, Nitrogen - Nitrate (as N), pH @25°C	8	1	0	0	8	
General-250ml (GRV)	250 ml	Plastic	No preservative	Turbidity	8	1	0	0	8	
MERCURY-40ML -DISSOLVED	40 ml	Glass Vial	1 mL of HCL	Mercury (Dissolved) by CV	8	1	0	0	8	Field filter/preservative is precharged in sample bottle. CHANGE TO LABEL TEXT- READ CAREFULLY
MERCURY-40ML -TOTAL	40 ml	Glass Vial	1 mL of HCL	Mercury (Total) by CV	8	1	0	0	8	Fill Container. Bottle is Precharged with Preservative.
METALS - 120ml (RED)	120 mL	Plastic	Nitric Acid	Hardness Total (calculated as CaCO ₃), Na, K, Ca, Mg, S by CRC ICPMS (total), Elements by CRC ICPMS (total)	8	1	0	0	8	Preservative is precharged in sample bottle
METALS - 120ml (RED) - FF/FP	120 mL	Plastic	Nitric Acid	Hardness (calculated as CaCO ₃), Na, K, Ca, Mg, S by CRC ICPMS (diss.), Elements by CRC ICPMS (dissolved)	8	1	0	0	8	Field filter/preservative is precharged in sample bottle
PCB	500 mL	Amber Glass	No preservative	OC Pesticides (Selected) & PCB, OC Pesticides Summed Parameters	8	1	0	0	8	

Bureau Veritas provides sampling container kits as a complimentary service for your convenience. Although every reasonable effort has been made to accurately fill your container request, we recommend that this order is verified prior to going to the field to ensure it meets your specific program requirements. This packing list has been included in your order to assist with your review. If there is a discrepancy, please contact your Project Manager for immediate resolution.

SAMPLE INSTRUCTIONS

- 1) Collect samples in the containers provided, using caution when handling bottles that contain preservatives. Do not overfill the bottle or rinse out preservatives, as this may impact your analytical results.
- 2) Ensure that all containers are clearly labeled with the sample ID and sampling date.
- 3) Complete the Chain of Custody form provided, ensuring that you list each sample ID along with your detailed testing requirements. Please indicate your Bureau Veritas Quotation Number on the form.
- 4) Ship all samples as soon as possible to Bureau Veritas.
- 5) Unless otherwise instructed, all samples must be kept cool (<10 °C) from the time of sampling until delivery to Bureau Veritas.
- 6) As a safety precaution, please ensure the weight of each cooler does not exceed 40 lbs.

CAUTION: Preservatives are corrosive. In case of contact, flush with plenty of water. MSDS information is available upon request.

If you have any questions, or require additional information, please do not hesitate to contact your Bureau Veritas PM.

Rany El-Roz: rany.el-roz@bureauveritas.com

Received by: H. Klanta Zamora
2024/06/26 09:52
NO SEAL ICE FROZEN

Burnaby: 4606 Canada Way V5G 1K5 Telephone:(604) 734-7276 Fax(604) 731-2386

t: 6/7/7 - 6/4/6 - 8/8/6
Page 2 of 2



BUREAU VERITAS

Victoria: Unit 1, 851 Viewfield Rd, Victoria, BC V9A 4V2 Ph: (250) 385-8112 Toll Free: (833) 282-5227
Courtenay: 2755 B Moray Ave, Courtenay, BC V9N 8M9 Ph: (250) 338-7785 Toll Free: (833) 282-5227

WI 035220

DRINKING WATER SUBMISSION
CHAIN OF CUSTODY RECORD

BV Job #:

Company (Invoicing): McElhanney Ltd.
Company (Reporting): McElhanney Ltd.
Contact Name: Chris Wall
Mailing Address: 1196 Dogwood St.
Campbell River, Bc
Phone #: (250) 203-4210
E-mail: cwall@mcclhanney.com

VANCOUVER ISLAND HEALTH
AUTHORITY
Medical Health Officer: 1.800.204.6166
Drinking Water Officer: 250.755.6215

All information on this form must be completed before testing can commence.

If your drinking water source services two or more homes, we strongly recommend that you contact local health authorities to find out how the Drinking Water Protection Act applies to this system. Please be aware that, in this situation, we are legally obligated to report results directly to local health authorities.

Sample Collection

For determining drinking water quality, samples should be representative of the water that will be consumed; therefore, we suggest sampling at the kitchen tap. However, other sampling locations may be used to determine pre-treatment water quality or for troubleshooting purposes.

1. Remove aerator/screen from faucet.
2. Let the water run for 5 minutes.
3. Label the bottle with your name, date and time you are taking the sample.
4. Fill all bottle(s) provided. Take care not to touch the inside of the bottle or underside of cap.
5. Cap the sample and place it in fridge or small cooler with icepack.

Remember: It is important that you do not contaminate the sample as you handle the container. Wash your hands before you start and be careful not to touch the rim of the bottle or the inside of the cap.

DON'T:

- Don't rinse or boil any bottle you receive from the lab.
- Don't let the sample sit out overnight, please refrigerate.
- Don't freeze the sample.

Sample Transportation & Delivery

1. Samples should arrive at the laboratories (Courtenay or Victoria) within 24 hrs of sampling. Ship samples between Monday and Thursday to avoid lab scheduling conflicts.
2. The sample should be kept cool during transit (<8°C - refrigerated or packed on ice).
3. Fill out the Chain of Custody (COC) form beside these instructions and submit with the sample. Incomplete or missing COC's will result in delays impacting turnaround time and the lab's ability to proceed with time sensitive tests.
4. Delivery Options:
Personally deliver samples to Courtenay or Victoria (Samples will be forwarded to Burnaby on your behalf unless analysis is completed locally in Courtenay. Please consider sample hold times.)
Overnight shipping to Burnaby: If you ship a sample on the same day that it was collected you can use an overnight courier.
Same day shipping: Available in some areas. Please contact the lab for details.

After Hours Contact #: _____
 Regular Turnaround Time (TAT) (5 days for most tests) RUSH Please contact the lab Surcharges will be applied
Project Name: 49140 Date Required: _____

SPECIAL INSTRUCTIONS:
Return Cooler Ship Sample Bottles (please specify)

PLEASE CIRCLE				ANALYSIS REQUESTED PLEASE SELECT BELOW				Report Current Drinking Water Criteria
Samples from a Drinking Water Source? Y/N	Does source supply multiple households? Y/N	Are individuals drinking this water? Y/N	Are you on a boil water advisory? Y/N	Drinking Water Scan	Home Safety Scan	Total Metals Scan including Hardness & Hg	Total Coliform and E. Coli	
Y	Y	Y	Y	X		XX		X
N	N	N	N					X
Y	Y	Y	Y					X
N	N	N	N					X
Y	Y	Y	Y					X
N	N	N	N					X
Y	Y	Y	Y					X
N	N	N	N					X

Sample Identification Location &/or Description	(Sample Location (eg. Tap, Wellhead))	Date/Time Sampled (24hr)
1 PW	Tap	2024-06-25 13:25
2		
3		
4		
5		

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <http://www.bvlabs.com/terms-and-conditions>

Print name and sign			Laboratory Use Only								
*Relinquished By:	Date (yy/mm/dd):	Time (24 hr):	Received by:	Date (yy/mm/dd):	Time (24hr):	Time Sensitive:	Temperature on Receipt (°C):	Custody Seal	Yes	No	N/A
Chris Wall	24/06/25	17:00	H Nauta Zamora	2024/06/26	09:52	<input type="checkbox"/>	A) 6 B) 7 C) 7	Present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							Just sampled & rec'd on ice:	<input type="checkbox"/>	Intact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS AND SAMPLES ANALYZED OUTSIDE REGULATORY HOLD TIMES.

COC-1035

BBY FCD-00077/14

6/17/6
8/18/16