Site: E270909 SITE 137, SALT SPRING ISLAND
Requisition Form # 50148286
Client Code # gw
Your C.O.C. #: 50148286

Attention: Angela Kingerlee
MINISTRY OF ENVIRONMENT
Van. Isl. Drinking Water(gw)
2080 A Labieux Street
Nanaimo, BC
CANADA V9T 6J9

Report Date: 2008/04/09

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A812058
Received: 2008/03/18, 9:30

Sample Matrix: Water
Samples Received: 2

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	2	2008/03/19	2008/03/19	BRN SOP-00264 R2.0	Based on SM2320B
Temperature at Arrival	2	2008/03/18	2008/03/19		
Bromide (IC-EC)	2	N/A	2008/03/26	BRN SOP-00251 R1.0	SM 4110 B
Chloride by Automated Colourimetry	2	N/A	2008/03/19	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	2	N/A	2008/03/19	BRN SOP-00264 R2.0	Based on SM-2510B
Fluoride	2	N/A	2008/03/19	BRN SOP-00225 R1.0	Based SM - 4500 F C
Hardness Total (calculated as CaCO3)	2	N/A	2008/03/27		
Hardness (calculated as CaCO3)	2	N/A	2008/03/27		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	2	2008/03/26	2008/03/26	BRN SOP-00204	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	2	2008/03/26	2008/03/26	BRN SOP-00204	Based on EPA 200.8
Elements by ICPMS Low Level (total) (1)	2	2008/03/25	2008/03/26	BRN SOP-00204	Based on EPA 200.8
Na, K, Ca, Mg, S by CRC ICPMS (total)	2	2008/03/25	2008/03/26	BRN SOP-00204	Based on EPA 200.8
Nitrogen (Total)	2	2008/04/07	2008/04/07	BRN SOP-00242 R2.0	Based on SM-4500N C
Ammonia (N)	2	N/A	2008/03/20	BRN SOP-00221 R3.0	Based on SM-4500MH3G
Nitrate+Nitrite (N) (low level	2	N/A	2008/03/24	BRN SOP-00233 R1.0	Based on EPA 353.2
Nitrite (N) (low level)	2	N/A	2008/03/24	BRN SOP-00233 R1.0	EPA 353.2
Nitrogen - Nitrate (as N)	2	N/A	2008/03/25		
Nitrogen (Organic) (Cal. TKN, NH4,N/N)	2	N/A	2008/04/08		
Filter and HNO3 Preserve for Metals	2	2008/03/19	2008/03/20	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	2	N/A	2008/03/19	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	2	N/A	2008/03/19	BRN-SOP 00243 R1.0	Based on EPA 375.4
Sampling Range	2	2008/03/18	2008/03/19		
Total Dissolved Solids (Filt. Residue)	2	N/A	2008/03/28	ING443 Rev.5.1	APHA 2540C
TKN (Calc. TN, N/N) total	2	N/A	2008/04/08		

(1) SCC/CAEAL

../2

Site: E270909 SITE 137, SALT SPRING ISLAND
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Van. Isl. Drinking Water(gw)
2080 A Labieux Street
Nanaimo, BC
CANADA V9T 6J9

Report Date: 2008/04/09

CERTIFICATE OF ANALYSIS

Encryption Key Ania Pawelec
09 Apr 2008 15:27:18 -07:00

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ANIA PAWELEC, BBY Customer Service
Email: ania.pawelec@maxxamanalytics.com
Phone# (604) 444-4808 Ext:229

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.

For Service Group specific validation please refer to the Validation Signature Page

Burnaby: 8577 Commerce Court V5A 4N5 Telephone(604) 444-4808 Fax(604) 444-4511

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID			J20762	J20763		
Sampling Date			2008/03/14 13:06	2008/03/14 13:06		
COC Number			50148286	50148286		
	Units	**Criteria**	**REG/1**	**REP/2**	**RDL**	**QC Batch**
Field Parameters						
Sample End Date	N/A	-	20080314	20080314	0	2190417
Sample End Time	N/A	-	13:06	13:06	0	2190417
Sample Start Date	N/A	-	20080314	20080314	0	2190417
Sample Start Time	N/A	-	13:02	13:02	0	2190417
Temperature at Arrival	C	-	3	3	1	2190415
Misc. Inorganics						
Bromide (Br)	mg/L	-	<0.1	<0.1	0.1	2206575
Fluoride (F)	mg/L	**1.5**	0.06	0.07	0.01	2193153
Preparation						
Filter and HNO3 Preservation	N/A	-	LAB	LAB	N/A	2195494
Calculated Parameters						
Nitrate (N)	mg/L	**10**	0.191	0.210	0.002	2191638
Misc. Inorganics						
Dissolved Hardness (CaCO3)	mg/L	-	80.2	79.1	0.5	2189574
Alkalinity (Total as CaCO3)	mg/L	-	82	82	0.5	2193136
Alkalinity (PP as CaCO3)	mg/L	-	<0.5	<0.5	0.5	2193136
Bicarbonate (HCO3)	mg/L	-	100	100	0.5	2193136
Carbonate (CO3)	mg/L	-	<0.5	<0.5	0.5	2193136
Hydroxide (OH)	mg/L	-	<0.5	<0.5	0.5	2193136
Anions						
Dissolved Sulphate (SO4)	mg/L	**500**	5.4	5.1	0.5	2193501
Dissolved Chloride (Cl)	mg/L	**250**	6.4	6.3	0.5	2193437
Nutrients						
Total Kjeldahl Nitrogen (Calc)	mg/L	-	0.06	0.02	0.02	2191512
Total Organic Nitrogen (N)	mg/L	-	0.06	<0.02	0.02	2191640
Ammonia (N)	mg/L	-	<0.005	0.006	0.005	2196046
Nitrate plus Nitrite (N)	mg/L	**10**	0.191	0.210	0.002	2201698
Nitrite (N)	mg/L	**1**	<0.002	<0.002	0.002	2201700
Total Nitrogen (N)	mg/L	-	0.25	0.23	0.02	2233837
Physical Properties						
Conductivity	uS/cm	-	190	190	1	2193122
pH	pH Units	**6.5:8.5**	7.6	7.7		2193094

RDL = Reportable Detection Limit

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID			J20762	J20763		
Sampling Date			2008/03/14 13:06	2008/03/14 13:06		
COC Number			50148286	50148286		
	Units	**Criteria**	**REG/1**	**REP/2**	**RDL**	**QC Batch**
Physical Properties						
Total Dissolved Solids	mg/L	**500**	110	110	10	2214403

RDL = Reportable Detection Limit

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID			J20762	J20763		
Sampling Date			2008/03/14 13:06	2008/03/14 13:06		
COC Number			50148286	50148286		
	Units	**Criteria**	**REG/1**	**REP/2**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS						
Dissolved Aluminum (Al)	ug/L	**100**	0.9	0.9	0.2	2206321
Dissolved Antimony (Sb)	ug/L	**6**	<0.02	<0.02	0.02	2206321
Dissolved Arsenic (As)	ug/L	**10**	0.09	0.09	0.02	2206321
Dissolved Barium (Ba)	ug/L	**1000**	0.98	0.97	0.02	2206321
Dissolved Beryllium (Be)	ug/L	**-**	<0.01	<0.01	0.01	2206321
Dissolved Bismuth (Bi)	ug/L	**-**	<0.005	<0.005	0.005	2206321
Dissolved Boron (B)	ug/L	**5000**	9	9	5	2206321
Dissolved Cadmium (Cd)	ug/L	**5**	<0.005	<0.005	0.005	2206321
Dissolved Chromium (Cr)	ug/L	**50**	<0.1	<0.1	0.1	2206321
Dissolved Cobalt (Co)	ug/L	**-**	<0.005	<0.005	0.005	2206321
Dissolved Copper (Cu)	ug/L	**1000**	1.61	1.61	0.05	2206321
Dissolved Lead (Pb)	ug/L	**10**	0.257	0.261	0.005	2206321
Dissolved Lithium (Li)	ug/L	**-**	0.6	0.7	0.5	2206321
Dissolved Manganese (Mn)	ug/L	**50**	0.06	0.05	0.05	2206321
Dissolved Molybdenum (Mo)	ug/L	**-**	0.43	0.43	0.05	2206321
Dissolved Nickel (Ni)	ug/L	**-**	0.08	0.04	0.02	2206321
Dissolved Selenium (Se)	ug/L	**10**	<0.04	<0.04	0.04	2206321
Dissolved Silver (Ag)	ug/L	**-**	<0.005	<0.005	0.005	2206321
Dissolved Strontium (Sr)	ug/L	**-**	43.0	43.3	0.05	2206321
Dissolved Thallium (Tl)	ug/L	**-**	<0.002	<0.002	0.002	2206321
Dissolved Tin (Sn)	ug/L	**-**	<0.01	0.01	0.01	2206321
Dissolved Uranium (U)	ug/L	**20**	0.394	0.388	0.002	2206321
Dissolved Vanadium (V)	ug/L	**-**	<0.2	<0.2	0.2	2206321
Dissolved Zinc (Zn)	ug/L	**5000**	0.5	0.5	0.1	2206321
Dissolved Calcium (Ca)	mg/L	**-**	26.0	25.6	0.05	2206339
Dissolved Magnesium (Mg)	mg/L	**-**	3.70	3.68	0.05	2206339

RDL = Reportable Detection Limit

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

LOW LEVEL TOTAL METALS - WATER (WATER)

Maxxam ID			J20762	J20763		
Sampling Date			2008/03/14 13:06	2008/03/14 13:06		
COC Number			50148286	50148286		
	Units	**Criteria**	**REG/1**	**REP/2**	**RDL**	**QC Batch**
Calculated Parameters						
Total Hardness (CaCO3)	mg/L	-	80.5	79.8	0.5	2189573
Total Metals by ICPMS						
Total Aluminum (Al)	ug/L	**100**	1.7	1.8	0.2	2203361
Total Antimony (Sb)	ug/L	**6**	<0.02	<0.02	0.02	2203361
Total Arsenic (As)	ug/L	**10**	0.09	0.08	0.02	2203361
Total Barium (Ba)	ug/L	**1000**	1.00	0.97	0.02	2203361
Total Beryllium (Be)	ug/L	-	<0.01	<0.01	0.01	2203361
Total Bismuth (Bi)	ug/L	-	<0.005	<0.005	0.005	2203361
Total Boron (B)	ug/L	**5000**	8	8	5	2203361
Total Cadmium (Cd)	ug/L	**5**	0.005	<0.005	0.005	2203361
Total Chromium (Cr)	ug/L	**50**	<0.1	<0.1	0.1	2203361
Total Cobalt (Co)	ug/L	-	0.007	0.007	0.005	2203361
Total Copper (Cu)	ug/L	**1000**	1.76	1.68	0.05	2203361
Total Iron (Fe)	ug/L	**300**	2	2	1	2203361
Total Lead (Pb)	ug/L	**10**	0.328	0.311	0.005	2203361
Total Lithium (Li)	ug/L	-	0.7	0.7	0.5	2203361
Total Manganese (Mn)	ug/L	**50**	0.12	0.08	0.05	2203361
Total Molybdenum (Mo)	ug/L	-	0.44	0.42	0.05	2203361
Total Nickel (Ni)	ug/L	-	0.06	0.08	0.02	2203361
Total Selenium (Se)	ug/L	**10**	0.04	<0.04	0.04	2203361
Total Silicon (Si)	ug/L	-	7230	7130	100	2203361
Total Silver (Ag)	ug/L	-	<0.005	<0.005	0.005	2203361
Total Strontium (Sr)	ug/L	-	44.4	43.8	0.05	2203361
Total Thallium (Tl)	ug/L	-	<0.002	<0.002	0.002	2203361
Total Tin (Sn)	ug/L	-	<0.01	<0.01	0.01	2203361
Total Titanium (Ti)	ug/L	-	0.9	0.9	0.5	2203361
Total Uranium (U)	ug/L	**20**	0.434	0.423	0.002	2203361
Total Vanadium (V)	ug/L	-	<0.2	<0.2	0.2	2203361
Total Zinc (Zn)	ug/L	**5000**	0.6	0.5	0.1	2203361
Total Calcium (Ca)	mg/L	-	26.1	25.8	0.05	2206346
Total Magnesium (Mg)	mg/L	-	3.75	3.72	0.05	2206346
Total Potassium (K)	mg/L	-	0.85	0.84	0.05	2206346

RDL = Reportable Detection Limit

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

LOW LEVEL TOTAL METALS - WATER (WATER)

Maxxam ID			J20762	J20763		
Sampling Date			2008/03/14 13:06	2008/03/14 13:06		
COC Number			50148286	50148286		
	Units	**Criteria**	**REG/1**	**REP/2**	**RDL**	**QC Batch**
Total Sodium (Na)	mg/L	**200**	6.21	6.18	0.05	2206346
Total Sulphur (S)	mg/L	**-**	<3	<3	3	2206346

RDL = Reportable Detection Limit

Maxxam Job #: A812058
Report Date: 2008/04/09

MINISTRY OF ENVIRONMENT
Client Project #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND
Sampler Initials: AK

General Comments

CRITERIA: Canadian Drinking Water Quality Guidelines (April 1996)

Results relate only to the items tested.

MINISTRY OF ENVIRONMENT
Attention: Angela Kingerlee
Client Project #:
P.O. #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND

Quality Assurance Report

Maxxam Job Number: VA812058

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
2193122	MM3	SPIKE	Conductivity	2008/03/19		102	%	80 - 120
		BLANK	Conductivity	2008/03/19	<1		uS/cm	
		RPD [J20762-01]	Conductivity	2008/03/19	0.5		%	25
2193136	MM3	MATRIX SPIKE	Alkalinity (Total as CaCO3)	2008/03/19		98	%	80 - 120
		SPIKE	Alkalinity (Total as CaCO3)	2008/03/19		99	%	80 - 120
		BLANK	Alkalinity (Total as CaCO3)	2008/03/19	<0.5		mg/L	
			Alkalinity (PP as CaCO3)	2008/03/19	<0.5		mg/L	
			Bicarbonate (HCO3)	2008/03/19	<0.5		mg/L	
			Carbonate (CO3)	2008/03/19	<0.5		mg/L	
			Hydroxide (OH)	2008/03/19	<0.5		mg/L	
		RPD [J20762-01]	Alkalinity (Total as CaCO3)	2008/03/19	1.6		%	25
			Alkalinity (PP as CaCO3)	2008/03/19	NC		%	25
			Bicarbonate (HCO3)	2008/03/19	1.6		%	25
			Carbonate (CO3)	2008/03/19	NC		%	25
			Hydroxide (OH)	2008/03/19	NC		%	25
2193153	WAY	MATRIX SPIKE	Fluoride (F)	2008/03/19		105	%	80 - 120
		SPIKE	Fluoride (F)	2008/03/19		104	%	80 - 120
		BLANK	Fluoride (F)	2008/03/19	<0.01		mg/L	
		RPD	Fluoride (F)	2008/03/19	3.0		%	25
2193437	SC2	MATRIX SPIKE	Dissolved Chloride (Cl)	2008/03/19		106	%	80 - 120
		SPIKE	Dissolved Chloride (Cl)	2008/03/19		103	%	80 - 120
		BLANK	Dissolved Chloride (Cl)	2008/03/19	<0.5		mg/L	
		RPD	Dissolved Chloride (Cl)	2008/03/19	NC		%	20
2193501	SC2	MATRIX SPIKE	Dissolved Sulphate (SO4)	2008/03/19		107	%	75 - 125
		SPIKE	Dissolved Sulphate (SO4)	2008/03/19		100	%	80 - 120
		BLANK	Dissolved Sulphate (SO4)	2008/03/19	<0.5		mg/L	
		RPD	Dissolved Sulphate (SO4)	2008/03/19	2.1		%	20
2196046	NN	MATRIX SPIKE	Ammonia (N)	2008/03/20		86	%	80 - 120
		SPIKE	Ammonia (N)	2008/03/20		92	%	80 - 120
		BLANK	Ammonia (N)	2008/03/20	<0.005		mg/L	
		RPD	Ammonia (N)	2008/03/20	NC		%	25
2201698	BB3	MATRIX SPIKE	Nitrate plus Nitrite (N)	2008/03/24		104	%	80 - 120
		SPIKE	Nitrate plus Nitrite (N)	2008/03/24		104	%	80 - 120
		BLANK	Nitrate plus Nitrite (N)	2008/03/24	<0.002		mg/L	
		RPD	Nitrate plus Nitrite (N)	2008/03/24	0		%	25
2201700	BB3	SPIKE	Nitrite (N)	2008/03/24		102	%	80 - 120
		BLANK	Nitrite (N)	2008/03/24	<0.002		mg/L	
		RPD	Nitrite (N)	2008/03/24	NC		%	25
2203361	AA1	MATRIX SPIKE	Total Arsenic (As)	2008/03/26		108	%	75 - 125
			Total Beryllium (Be)	2008/03/26		105	%	75 - 125
			Total Cadmium (Cd)	2008/03/26		107	%	75 - 125
			Total Chromium (Cr)	2008/03/26		107	%	75 - 125
			Total Cobalt (Co)	2008/03/26		105	%	75 - 125
			Total Copper (Cu)	2008/03/26		NC	%	75 - 125
			Total Lead (Pb)	2008/03/26		100	%	75 - 125
			Total Lithium (Li)	2008/03/26		102	%	75 - 125
			Total Nickel (Ni)	2008/03/26		103	%	75 - 125
			Total Selenium (Se)	2008/03/26		110	%	75 - 125
			Total Uranium (U)	2008/03/26		106	%	75 - 125
			Total Vanadium (V)	2008/03/26		109	%	75 - 125
			Total Zinc (Zn)	2008/03/26		105	%	75 - 125
		SPIKE	Total Arsenic (As)	2008/03/26		99	%	75 - 125
			Total Beryllium (Be)	2008/03/26		100	%	75 - 125
			Total Cadmium (Cd)	2008/03/26		98	%	75 - 125
			Total Chromium (Cr)	2008/03/26		99	%	75 - 125

MINISTRY OF ENVIRONMENT
Attention: Angela Kingerlee
Client Project #:
P.O. #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND

Quality Assurance Report (Continued)

Maxxam Job Number: VA812058

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
2203361	AA1	SPIKE	Total Cobalt (Co)	2008/03/26		100	%	75 - 125
			Total Copper (Cu)	2008/03/26		103	%	75 - 125
			Total Lead (Pb)	2008/03/26		101	%	75 - 125
			Total Lithium (Li)	2008/03/26		100	%	75 - 125
			Total Nickel (Ni)	2008/03/26		101	%	75 - 125
			Total Selenium (Se)	2008/03/26		102	%	75 - 125
			Total Uranium (U)	2008/03/26		99	%	75 - 125
			Total Vanadium (V)	2008/03/26		92	%	75 - 125
			Total Zinc (Zn)	2008/03/26		101	%	75 - 125
		BLANK	Total Aluminum (Al)	2008/03/26	<0.2		ug/L	
			Total Antimony (Sb)	2008/03/26	<0.02		ug/L	
			Total Arsenic (As)	2008/03/26	<0.02		ug/L	
			Total Barium (Ba)	2008/03/26	<0.02		ug/L	
			Total Beryllium (Be)	2008/03/26	<0.01		ug/L	
			Total Bismuth (Bi)	2008/03/26	<0.005		ug/L	
			Total Boron (B)	2008/03/26	<5		ug/L	
			Total Cadmium (Cd)	2008/03/26	<0.005		ug/L	
			Total Chromium (Cr)	2008/03/26	<0.1		ug/L	
			Total Cobalt (Co)	2008/03/26	<0.005		ug/L	
			Total Copper (Cu)	2008/03/26	<0.05		ug/L	
			Total Iron (Fe)	2008/03/26	<1		ug/L	
			Total Lead (Pb)	2008/03/26	<0.005		ug/L	
			Total Lithium (Li)	2008/03/26	<0.5		ug/L	
			Total Manganese (Mn)	2008/03/26	<0.05		ug/L	
			Total Molybdenum (Mo)	2008/03/26	<0.05		ug/L	
			Total Nickel (Ni)	2008/03/26	<0.02		ug/L	
			Total Selenium (Se)	2008/03/26	0.04, RDL=0.04		ug/L	
			Total Silicon (Si)	2008/03/26	<100		ug/L	
			Total Silver (Ag)	2008/03/26	<0.005		ug/L	
			Total Strontium (Sr)	2008/03/26	<0.05		ug/L	
			Total Thallium (Tl)	2008/03/26	<0.002		ug/L	
			Total Tin (Sn)	2008/03/26	<0.01		ug/L	
			Total Titanium (Ti)	2008/03/26	0.8, RDL=0.5		ug/L	
			Total Uranium (U)	2008/03/26	<0.002		ug/L	
			Total Vanadium (V)	2008/03/26	<0.2		ug/L	
			Total Zinc (Zn)	2008/03/26	<0.1		ug/L	
		RPD	Total Aluminum (Al)	2008/03/26	6.7		%	25
			Total Antimony (Sb)	2008/03/26	NC		%	25
			Total Arsenic (As)	2008/03/26	0.5		%	25
			Total Barium (Ba)	2008/03/26	5.1		%	25
			Total Beryllium (Be)	2008/03/26	NC		%	25
			Total Bismuth (Bi)	2008/03/26	NC		%	25
			Total Boron (B)	2008/03/26	2.0		%	25
			Total Cadmium (Cd)	2008/03/26	NC		%	25
			Total Chromium (Cr)	2008/03/26	NC		%	25
			Total Cobalt (Co)	2008/03/26	NC		%	25
			Total Copper (Cu)	2008/03/26	0.6		%	25
			Total Iron (Fe)	2008/03/26	0.7		%	25
			Total Lead (Pb)	2008/03/26	5.7		%	25
			Total Lithium (Li)	2008/03/26	NC		%	25
			Total Manganese (Mn)	2008/03/26	3.9		%	25
			Total Molybdenum (Mo)	2008/03/26	2.7		%	25
			Total Nickel (Ni)	2008/03/26	5.6		%	25
			Total Selenium (Se)	2008/03/26	NC		%	25
			Total Silicon (Si)	2008/03/26	1.5		%	25

MINISTRY OF ENVIRONMENT
Attention: Angela Kingerlee
Client Project #:
P.O. #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND

Quality Assurance Report (Continued)

Maxxam Job Number: VA812058

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
2203361	AA1	RPD	Total Silver (Ag)	2008/03/26	NC		%	25
			Total Strontium (Sr)	2008/03/26	1.5		%	25
			Total Thallium (Tl)	2008/03/26	NC		%	25
			Total Tin (Sn)	2008/03/26	NC		%	25
			Total Titanium (Ti)	2008/03/26	NC		%	25
			Total Uranium (U)	2008/03/26	0.7		%	25
			Total Vanadium (V)	2008/03/26	NC		%	25
			Total Zinc (Zn)	2008/03/26	0.4		%	25
2206321	AA1	MATRIX SPIKE						
		[J20762-01]	Dissolved Arsenic (As)	2008/03/26		104	%	75 - 125
			Dissolved Beryllium (Be)	2008/03/26		105	%	75 - 125
			Dissolved Cadmium (Cd)	2008/03/26		106	%	75 - 125
			Dissolved Chromium (Cr)	2008/03/26		104	%	75 - 125
			Dissolved Cobalt (Co)	2008/03/26		102	%	75 - 125
			Dissolved Copper (Cu)	2008/03/26		101	%	75 - 125
			Dissolved Lead (Pb)	2008/03/26		104	%	75 - 125
			Dissolved Lithium (Li)	2008/03/26		105	%	75 - 125
			Dissolved Nickel (Ni)	2008/03/26		102	%	75 - 125
			Dissolved Selenium (Se)	2008/03/26		110	%	75 - 125
			Dissolved Uranium (U)	2008/03/26		105	%	75 - 125
			Dissolved Vanadium (V)	2008/03/26		105	%	75 - 125
			Dissolved Zinc (Zn)	2008/03/26		106	%	75 - 125
		SPIKE	Dissolved Arsenic (As)	2008/03/26		98	%	75 - 125
			Dissolved Beryllium (Be)	2008/03/26		99	%	75 - 125
			Dissolved Cadmium (Cd)	2008/03/26		98	%	75 - 125
			Dissolved Chromium (Cr)	2008/03/26		97	%	75 - 125
			Dissolved Cobalt (Co)	2008/03/26		98	%	75 - 125
			Dissolved Copper (Cu)	2008/03/26		101	%	75 - 125
			Dissolved Lead (Pb)	2008/03/26		100	%	75 - 125
			Dissolved Lithium (Li)	2008/03/26		101	%	75 - 125
			Dissolved Nickel (Ni)	2008/03/26		99	%	75 - 125
			Dissolved Selenium (Se)	2008/03/26		104	%	75 - 125
			Dissolved Uranium (U)	2008/03/26		99	%	75 - 125
			Dissolved Vanadium (V)	2008/03/26		95	%	75 - 125
			Dissolved Zinc (Zn)	2008/03/26		101	%	75 - 125
		BLANK	Dissolved Aluminum (Al)	2008/03/26	<0.2		ug/L	
			Dissolved Antimony (Sb)	2008/03/26	<0.02		ug/L	
			Dissolved Arsenic (As)	2008/03/26	<0.02		ug/L	
			Dissolved Barium (Ba)	2008/03/26	<0.02		ug/L	
			Dissolved Beryllium (Be)	2008/03/26	<0.01		ug/L	
			Dissolved Bismuth (Bi)	2008/03/26	<0.005		ug/L	
			Dissolved Boron (B)	2008/03/26	<5		ug/L	
			Dissolved Cadmium (Cd)	2008/03/26	<0.005		ug/L	
			Dissolved Chromium (Cr)	2008/03/26	<0.1		ug/L	
			Dissolved Cobalt (Co)	2008/03/26	<0.005		ug/L	
			Dissolved Copper (Cu)	2008/03/26	<0.05		ug/L	
			Dissolved Lead (Pb)	2008/03/26	<0.005		ug/L	
			Dissolved Lithium (Li)	2008/03/26	<0.5		ug/L	
			Dissolved Manganese (Mn)	2008/03/26	<0.05		ug/L	
			Dissolved Molybdenum (Mo)	2008/03/26	<0.05		ug/L	
			Dissolved Nickel (Ni)	2008/03/26	<0.02		ug/L	
			Dissolved Selenium (Se)	2008/03/26	<0.04		ug/L	
			Dissolved Silver (Ag)	2008/03/26	<0.005		ug/L	
			Dissolved Strontium (Sr)	2008/03/26	<0.05		ug/L	
			Dissolved Thallium (Tl)	2008/03/26	<0.002		ug/L	

MINISTRY OF ENVIRONMENT
Attention: Angela Kingerlee
Client Project #:
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Quality Assurance Report (Continued)

Maxxam Job Number: VA812058

QA/QC Batch Num	Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
2206321	AA1	BLANK	Dissolved Tin (Sn)	2008/03/26	<0.01		ug/L	
			Dissolved Uranium (U)	2008/03/26	<0.002		ug/L	
			Dissolved Vanadium (V)	2008/03/26	<0.2		ug/L	
			Dissolved Zinc (Zn)	2008/03/26	<0.1		ug/L	
		RPD [J20762-01]	Dissolved Aluminum (Al)	2008/03/26	NC		%	25
			Dissolved Antimony (Sb)	2008/03/26	NC		%	25
			Dissolved Arsenic (As)	2008/03/26	NC		%	25
			Dissolved Barium (Ba)	2008/03/26	1.3		%	25
			Dissolved Beryllium (Be)	2008/03/26	NC		%	25
			Dissolved Bismuth (Bi)	2008/03/26	NC		%	25
			Dissolved Boron (B)	2008/03/26	NC		%	25
			Dissolved Cadmium (Cd)	2008/03/26	NC		%	25
			Dissolved Chromium (Cr)	2008/03/26	NC		%	25
			Dissolved Cobalt (Co)	2008/03/26	NC		%	25
			Dissolved Copper (Cu)	2008/03/26	1.1		%	25
			Dissolved Lead (Pb)	2008/03/26	1.5		%	25
			Dissolved Lithium (Li)	2008/03/26	NC		%	25
			Dissolved Manganese (Mn)	2008/03/26	NC		%	25
			Dissolved Molybdenum (Mo)	2008/03/26	3.6		%	25
			Dissolved Nickel (Ni)	2008/03/26	NC		%	25
			Dissolved Selenium (Se)	2008/03/26	NC		%	25
			Dissolved Silver (Ag)	2008/03/26	NC		%	25
			Dissolved Strontium (Sr)	2008/03/26	2.9		%	25
			Dissolved Thallium (Tl)	2008/03/26	NC		%	25
			Dissolved Tin (Sn)	2008/03/26	NC		%	25
			Dissolved Uranium (U)	2008/03/26	0.2		%	25
			Dissolved Vanadium (V)	2008/03/26	NC		%	25
			Dissolved Zinc (Zn)	2008/03/26	NC		%	25
2206339	AA1	BLANK	Dissolved Calcium (Ca)	2008/03/26	<0.05		mg/L	
			Dissolved Magnesium (Mg)	2008/03/26	<0.05		mg/L	
		RPD [J20762-01]	Dissolved Calcium (Ca)	2008/03/26	0.2		%	25
			Dissolved Magnesium (Mg)	2008/03/26	0.6		%	25
2206346	AA1	BLANK	Total Calcium (Ca)	2008/03/26	<0.05		mg/L	
			Total Magnesium (Mg)	2008/03/26	<0.05		mg/L	
			Total Potassium (K)	2008/03/26	<0.05		mg/L	
			Total Sodium (Na)	2008/03/26	<0.05		mg/L	
			Total Sulphur (S)	2008/03/26	<3		mg/L	
		RPD	Total Calcium (Ca)	2008/03/26	2.3		%	25
			Total Magnesium (Mg)	2008/03/26	1.1		%	25
			Total Potassium (K)	2008/03/26	2.1		%	25
			Total Sodium (Na)	2008/03/26	1.6		%	25
			Total Sulphur (S)	2008/03/26	NC		%	25
2206575	SL7	MATRIX SPIKE	Bromide (Br)	2008/03/26		88	%	80 - 120
		SPIKE	Bromide (Br)	2008/03/26		98	%	80 - 120
		BLANK	Bromide (Br)	2008/03/26	<0.1		mg/L	
		RPD	Bromide (Br)	2008/03/26	NC		%	25
2214403	LL4	MATRIX SPIKE	Total Dissolved Solids	2008/03/28		116	%	80 - 120
		SPIKE	Total Dissolved Solids	2008/03/28		106	%	80 - 120
		BLANK	Total Dissolved Solids	2008/03/28	<10		mg/L	
		RPD	Total Dissolved Solids	2008/03/28	1.5		%	25
2233837	TS1	MATRIX SPIKE	Total Nitrogen (N)	2008/04/07		81	%	80 - 120
		SPIKE	Total Nitrogen (N)	2008/04/07		92	%	80 - 120
		BLANK	Total Nitrogen (N)	2008/04/07	<0.02		mg/L	
		RPD	Total Nitrogen (N)	2008/04/07	NC		%	25

NC = Non-calculable

MINISTRY OF ENVIRONMENT
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Quality Assurance Report (Continued)

Maxxam Job Number: VA812058

RPD = Relative Percent Difference

Burnaby: 8577 Commerce Court V5A 4N5 Telephone(604) 444-4808 Fax(604) 444-4511

Validation Signature Page

Maxxam Job #: A812058

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

ROB MACARTHUR, BBY Customer Service

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.