

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 | Date | Laboratory Method | Analytical Method |
|---|----------|------------|------------|--------------------|----------------------|
| | | Extracted | Analyzed | | |
| 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) ¶ | 2 | 2008/03/26 | 2008/03/26 | BRN SOP-00204 | Based on EPA 200.8 |
| Elements by ICPMS Low Level (total) ¶ | 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

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CANADA V9T 6J9

Report Date: 2008/04/09

CERTIFICATE OF ANALYSIS

-2-

Encryption Key

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

Total cover pages: 2

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
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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 | QC Type | Parameter | Date Analyzed | 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 | 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 #:
P.O. #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND

Quality Assurance Report (Continued)
Maxxam Job Number: VA812058

| QA/QC Batch | 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 | |
| | RPD [J20762-01] | Dissolved Zinc (Zn) | 2008/03/26 | <0.1 | | ug/L | |
| | | 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 |
| | | Bromide (Br) | 2008/03/26 | | 98 | % | 80 - 120 |
| | BLANK | Bromide (Br) | 2008/03/26 | <0.1 | | mg/L | |
| 2214403 LL4 | RPD | Bromide (Br) | 2008/03/26 | NC | | % | 25 |
| | | MATRIX SPIKE | Total Dissolved Solids | 2008/03/28 | | 116 | % |
| | 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 |
| | | 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
Attention: Angela Kingerlee
Client Project #:
P.O. #:
Site Reference: E270909 SITE 137, SALT SPRING ISLAND

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.