

PAGE 1 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|---|--|------------------|---------------------|--|--|-----------------|
| Fotal Metals | | | | | | |
| Lead (Pb)-Total | 0.000395 | | mg/L | 0.005 | | 20-SEP |
| WQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| DWQG for Nitrate+Nitrite-N is the limit for nitrate only urbidity guideline based on membrane filtration. For mmary Table of Guidelines for Canadian Drinking Wa blank entry designates no known limit. shaded value in the Results column exceeds CDWQ | If present as N guidelines on cor iter Quality | ventional treatm | ent and slow sand | N.D. = less than de or diatomaceous e | tection limit. arth filtration plea | ase see |
| Carrie | | | | | | |
| Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 2 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|--|-----------------|
| Fotal Metals Lead (Pb)-Total | 0.00129 | | mg/L | 0.005 | | 20-SEP- |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only urbidity guideline based on membrane filtration. For mmary Table of Guidelines for Canadian Drinking Wa blank entry designates no known limit. I shaded value in the Results column exceeds CDWQ | guidelines on cor iter Quality | ventional treatm | ent and slow sand | N.D. = less than de or diatomaceous e | tection limit. arth filtration plea | se see |
| | | | | | | |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 3 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|--|-----------------|
| Total Metals Lead (Pb)-Total | 0.00316 | | mg/L | 0.005 | | 20-SEP-' |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Turbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ | guidelines on cor iter Quality | ventional treatm | ent and slow sand | N.D. = less than de or diatomaceous e | tection limit. arth filtration plea | se see |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 4 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|---------------------------------------|-----------------|
| Total Metals Lead (Pb)-Total | 0.000297 | | mg/L | 0.005 | | 20-SEP- |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Furbidity guideline based on membrane filtration. For Immary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWC | guidelines on cor ater Quality | ventional treatm | ent and slow sand | N.D. = less than de or diatomaceous e | ection limit. arth filtration plea | se see |
| pproved by Edward Ngai | | | | | | |
| Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 5 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|--|-----------------|
| Total Metals Lead (Pb)-Total | 0.00172 | | mg/L | 0.005 | | 20-SEP-1 |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Turbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ | guidelines on con iter Quality | ventional treatm | ent and slow sand | N.D. = less than de l or diatomaceous e | tection limit. arth filtration plea | se see |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 6 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|--|-----------------|
| Total Metals Lead (Pb)-Total | 0.000262 | | mg/L | 0.005 | | 20-SEP- |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Turbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ | guidelines on cor iter Quality | ventional treatm | ent and slow sand | N.D. = less than de or diatomaceous e | tection limit. arth filtration plea | se see |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 7 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|---|------------------|---------------------|--|--|-----------------|
| Total Metals Lead (Pb)-Total | 0.000337 | | mg/L | 0.005 | | 20-SEP- |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Furbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWC | If present as N guidelines on cor ter Quality | ventional treatm | ent and slow sand | N.D. = less than de l or diatomaceous e | tection limit. arth filtration plea | se see |
| | | | | | | |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 8 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|---------------------------------|------------------|---------------------|--|---------------------------------------|-----------------|
| Total Metals Lead (Pb)-Total | 0.000276 | | mg/L | 0.005 | | 20-SEP-1 |
| DWQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only. Turbidity guideline based on membrane filtration. For g ummary Table of Guidelines for Canadian Drinking Wat A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ | uidelines on con ter Quality | ventional treatm | ent and slow sand | N.D. = less than de l or diatomaceous e | ection limit. arth filtration plea | se see |
| Approved by | _ | | | | | |
| Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company



PAGE 9 of 10

| Test Description | Result | Qualifier | Units of Measure | CDWQG MAC | Aesthetic Objective | Date Analyze |
|--|-----------------------------------|------------------|---------------------|--|--|-----------------|
| Total Metals Lead (Pb)-Total | 0.000168 | | mg/L | 0.005 | | 20-SEP- |
| WQG = Health Canada Guideline Limits updated | JUNE 2019 | | | | | |
| CDWQG for Nitrate+Nitrite-N is the limit for nitrate only Furbidity guideline based on membrane filtration. For ummary Table of Guidelines for Canadian Drinking Wa A blank entry designates no known limit. A shaded value in the Results column exceeds CDWQ | guidelines on cor ater Quality | ventional treatm | ent and slow sand | N.D. = less than de t or diatomaceous e | tection limit. arth filtration plea | se see |
| | | | | | | |
| Approved by Edward Ngai Account Manager | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ADDRESS: 8081 Lougheed Hwy, Suite 100, Burnaby, BC V5A 1W9 Canada | Phone: +1 604 253 4188 | Fax: +1 604 253 6700 ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company

L2349008 CONTD.... PAGE 10 of 10

Guidelines & Objectives

Health Canada MAC Health Related Criteria Limits

| Nitrate/Nitrite-N* | Criteria limit is 10 mg/L (1.0 mg/L if present as all Nitrite-N). High concentrations may contribute to blue baby syndrome in infants. |
|--------------------|--|
| Lead* | A cumulative body poison, uncommon in naturally occurring hard waters. |
| Fluoride* | Present in fluoridated water supplies at 0.8 mg/L to reduce dental caries. Elevated levels causes fluorosis (mottling of teeth). |
| Total Coliforms* | Criteria is 0 CFU/100mL. Adverse health effects. |
| E. Coli* | Criteria is 0 CFU/100 mL. Certain E. Coli bacteria can be life threatening. |
| Manganese* | Criteria limit is 0.12 mg/L. Possible neurological effects in infants. |

*Health Canada Canadian Drinking Water Quality Guidelines (MAC limit)

| Aesthetic Objective Conce | entration Levels |
|---------------------------|---|
| Alkalinity | Acid neutralizing capacity. Usually a measure of carbonate and bicarbonates and calculated and reported as calcium carbonate. |
| Balance | Quality control parameter ratioing cations to anions |
| Bicarbonate | See Alkalinity. Report as the anion HCO3-1 |
| Carbonate | See Alkalinity. Reported at the anion CO3-2 |
| Calcium | See Hardness. Common major cation of water chemistry. |
| Chloride | Common major anion of water chemistry. |
| Conductance | Physical test measuring water salinity (dissolved ions or solids) |
| Hardness | Classical measure or capacity of water to precipitate soap (chiefly calcium and magnesium ions). Causes scaling tendency in water if carbonates/bicarbonates are present (if >200 mg/L). For drinking water purposes waters with results <200 mg/L are considered acceptable, results >200 mg/L are considered poor but can be tolerated. Results >500 mg/L are unacceptable. |
| Hydroxide | See alkalinity |
| Magnesium | See hardness. Common major cation of water chemistry. Elevated levels (>125 mg/L) may exert a cathartic or diuretic action. |
| рН | Measure of water acidity/alkalinity. Normal range is 7.0-8.5. |
| Potassium | Common major cation of water chemistry. |
| Sodium | Common major cation of water chemistry. Measure of salinity (saltiness). |
| Sulphate | Common major anion of water chemistry. Elevated levels may exert a cathartic or diuretic action. |
| Total Dissolved Solids | A measure of water salinity. |
| Iron Heterotrophic | Causes staining to laundry and porcelain and astringent taste. Oxidizes to red-brown precipitate on exposure to air. |
| Plate Count | Criteria is 500 cfu/mL Measure of heterotrophic bacteria present. |

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory. UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION. Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.



Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878



COC Number: 17 - 762141

Page of

| mittalogropa.com | | 1 | | | | | 1 | | | | | | | | | |
|---|-----------------------------------|---|---------------------------|----------------|-----------------------|-------------------|--------------------------|-----------------|--|----------------|-------------|------------|--------------|---|--|--|
| Report To Contact and company name below will appear on the final rep | port | Report Format / Distrit | ution | | Select Service | Level Below | - Contac | ct your AM | to confirm a | III E&P TAT: | s (surcha | rges may | apply) | | | |
| Company: Vancouver School Bran | Select Report F | ormat: 🛛 🗹 PDF 🗌 EXCE | 1. EDD (DIGITAL) | | Regular [R] | Standar | rd TAT if re | eceived by 3 | om - business i | days - no surr | tharges app | дy | • | • | | |
| Contact: Stephen Thomas | Quality Control | (QC) Report with Report | YES NO | ys) | 4 day [P4-20%] | | ENCY. | 1 Busines | s day [E - 1 | 100%] | | | | | | |
| Phone: 604 - 713 - 5637 | Compare Re | sults to Criteria on Report - provide de | ails below if box checked | LIORIT | 3 day [P3-25%] | | J III | Same Day | Weekend | or Statuto | ry holida | ıy [E2 -2(| 00% | _ | | |
| Company address below will appear on the final report | Select Distribut | ion: 🔀 Email M | AIL FAX | Brash 1 | 2 day [P2-50%] | | | | y opening | | | | | | | |
| Street 1549 Clark Dr. | Email 1 or Fax | ssthomas @ | usb. beca | 1 | Date and Time Req | uired for all E& | &P TATs: dd-mmm-yy hh:mm | | | | | | | | | |
| City/Province: Varcoused B.C. | Email 2 | ency @ visb. | bc.ca | For tests | that can not be perfo | rmed according t | o the servi | ce level select | e level selected, you will be contacted. | | | | | | | |
| Postal Code: | Email 3 | ·· / ·· · | | | | | | Analysis | s Request | | | | | | | |
| Invoice To Same as Report To YES NO | | Invoice Distributio | n | | Indi | cate Filtered (F) | , Preserve | d (P) or Filter | ed and Preserv | /ed (F/P) belo | w | | | | | |
| Copy of Invoice with Report YES NO | Select Invoice I | Select Invoice Distribution: 🔀 EMAIL 🗌 MAIL 🗌 FAX | | | | | | | | | | | | ions | | |
| Company: | Email 1 or Fax | sathomas e | vsb.bc.cn | CONTAINERS | | | | | | \top | | | Ō | Tuct | | |
| Contact: | Email 2 | lemaye ust | bc. ca |]€[| | | | - | | | | | Ĩ | Inst | | |
| Project Information | | Oil and Gas Required Fields | (client use) |]2 | | | | | | | | | z | cial | | |
| ALS Account # / Quote #: | AFE/Cost Center: | PO# | | Z | | | | | | | | | δI | Sper | | |
| Job# John Henderson Element | Alior/Minor Code: | Routing | Code:- |]ŏ[| | | | | 1 | | | | ~ | See | | |
| PO/AFE: | Requisitioner: | | | Ъ | ļ | | | | | | , | | | i ĝ | | |
| LSD: | Location: | | | | $ \rightarrow $ | | | | | | 1 | | | Ř | | |
| ALS Lab Work Order # (lab use only): | ALS Contact: | Sample | n Risbin Lenay | NUMBER | 3 | | | | | | | | MP | SUSPECTED HAZARD (see Special Instructions) | | |
| ALS Sample # Sample Identification and/or Coor (lab use only) (This description will appear on the | | | ime Sample Type | | | | | | | | | | SAM | JSPEC | | |
| (This description will appear on the | report) | | (mm) | ┼╧┼ | | + | | | | ┿┯┿ | ┿┯┥ | ┝──╂─ | ~ | <u></u> | | |
| <u><u>Rn. 115</u> <u>DF</u></u> | | | 8 pm water | + | | | | | | | | <u> </u> | | ' | | |
| Rm. 142 DF | | | 3pm water | | | | | | | | | | | | | |
| Rm. 151 DF | | 17-09-19 1.2 | 9pm water | | | | | | | | | • | | | | |
| Rn, 122 FS | | 17-01-19 1:3 | Spm water | | | | | | | | | | | | | |
| Rn. 136 DF | · . | 17-09-19 1:4 | I'm water | | | | | | l | + | | | | | | |
| Rn. 133 55DF | | 12.09-19 1:4 | I'm water | <u>† †</u> | | 1 - | | | | + | + | | | | | |
| Rn 129 DF | , . | 17 9 19 1.4 | | | | + | + - + | | <u> </u> | ++ | | | | | | |
| Rn. 167 SSDF | | 17 09 19 15 | Son water | + | | + + | + | | | + | + | | | | | |
| | | 1701-111.5 | 2pm water | + | | | | | | ┥ | | | | | | |
| Rn 202 SSDF | · · · · · - · | 17-07-171.5 | 7pm water | | | <u> </u> | | | <u> </u> | | | ┉┢ | | <u> </u> | | |
| | · · · · · · · · | | | l · l | | | | | | | · | | | ļ | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | _ | 1 | | |
| Drinking Water (Ditt) Sampler1 (diant use) Special Ir | nstructions / Specify Criteria to | o add on report by clicking on ti | e drop-down list below | | | SAMPL | E CON | DITION AS | RECEIVE |) (lab use | only) | | | | | |
| Drinking Water (DW) Samples' (client use) | (el | ectronic COC only} | | Frozen | <u> </u> | | | oservations | | | | No | |] | | |
| Are samples taken from a Regulated DW System? | | | | lce Pac | | Cubes 🔲 | Custor | dy seal inta | ct Yes | , 🗖 | | No | E | נ | | |
| VES NO | | | | Cooling | tnitiated | | | | | | | | | | | |
| Are samples for human consumption/ use? | | | | | INIITIAL COO | LER TEMPERAT | TURES "C | | <u></u>) | FINAL COO | LER TEMP | ERATURES | s°C | | | |
| YES NO | | | | 1 | | | | | 70 | <u> </u> | | L | | | | |
| SHIPMENT RELEASE (client use) Released by: Date: | Time: Received by: | INITIAL SHIPMENT RECEI | PTION (lab use only) | Time | | | FINAL | | TRECEPT | ION (lab u | se only) | | | | | |
| Date. | Time: Received by: | Date: | | Time: | Received | by: The | | Date | - 14 | io n' | Ń | Tin Q | ™: L°)701 | ρM | | |
| L REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION | t | WHITE - LABO | RATORY COPY YELLO | U W - CLIEI | NT COPY | | <u> </u> | <u>I</u> | | ╧╋ | <u>++</u> - | | | DIS PRONT | | |

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.