

Kay Tauriainen  
Tauriainen Engineering & Testing  
35186 Spur Highway  
Soldotna, AK 99669

Results via Engage

**Work Order:** 1191344  
Little Creek Water Company  
**Client:** Tauriainen Engineering & Testing  
**Report Date:** April 10, 2019

*Stephen C. Ede*  
Alaska Division Technical Director

Stephen Ede  
2019.04.10  
15:37:19 -08'00'

Enclosed are the analytical results associated with the above work order. The results apply to the samples as received. All results are intended to be used in their entirety and SGS is not responsible for use of less than the complete report. If you have any questions regarding this report, or if we can be of any other assistance, please contact your SGS Project Manager at 907-562-2343. This document is issued by the Company under its General Conditions of Service accessible at <<http://www.sgs.com/en/Terms-and-Conditions.aspx>>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS maintains a formal Quality Assurance/Quality Control (QA/QC) program. A copy of our Quality Assurance Plan (QAP), which outlines this program, is available at your request. The laboratory certification numbers are AK00971 (DW Chemistry & Microbiology) & 17-021 (CS) for ADEC and 2944.01 for DOD ELAP/ISO 17025 (RCRA methods: 1020B, 1311, 3010A, 3050B, 3520C, 3550C, 5030B, 5035A, 6020A, 7470A, 7471B, 8015C, 8021B, 8082A, 8260C, 8270D, 8270D-SIM, 9040C, 9045D, 9056A, 9060A, AK101 and AK102/103). Except as specifically noted, all statements and data in this report are in conformance to the provisions set forth by the SGS QAP and, when applicable, other regulatory authorities. The following descriptors or qualifiers may be found in your report:

|                   |   |
|-------------------|---|
| *                 | The analyte has exceeded allowable regulatory or control limits.        |
| !                 | Surrogate out of control limits.  |
| B                 | Indicates the analyte is found in a blank associated with the sample.   |
| CCV/CVA/CVB       | Continuing Calibration Verification                                     |
| CCC/CVC/CVCA/CVCB | Closing Continuing Calibration Verification                             |
| CL                | Control Limit   |
| DF                | Analytical Dilution Factor  |
| DL                | Detection Limit (i.e., maximum method detection limit)                  |
| E                 | The analyte result is above the calibrated range.                       |
| GT                | Greater Than  |
| ICV               | Initial Calibration Verification  |
| J                 | The quantitation is an estimation.                                      |
| LCS(D)            | Laboratory Control Spike (Duplicate)                                    |
| LLQC/LLIQC        | Low Level Quantitation Check  |
| LOD               | Limit of Detection (i.e., 1/2 of the LOQ)                               |
| LOQ               | Limit of Quantitation (i.e., reporting or practical quantitation limit) |
| LT                | Less Than   |
| MB                | Method Blank  |
| MS(D)             | Matrix Spike (Duplicate)  |
| ND                | Indicates the analyte is not detected.                                  |
| RPD               | Relative Percent Difference   |
| U                 | Indicates the analyte was analyzed for but not detected.                |

Note: Sample summaries which include a result for "Total Solids" have already been adjusted for moisture content.  
All DRO/RRO analyses are integrated per SOP.



|                         |                                  |                            |                  |
|-------------------------|----------------------------------|----------------------------|------------------|
| <b>SGS Ref.#</b>        | 1191344001                       | <b>Printed Date/Time</b>   | 04/10/2019 14:16 |
| <b>Client Name</b>      | Tauriainen Engineering & Testing | <b>Collected Date/Time</b> | 03/24/2019 17:11 |
| <b>Project Name/#</b>   | Little Creek Water Company       | <b>Received Date/Time</b>  | 03/27/2019 10:00 |
| <b>Client Sample ID</b> | Bottle Factory - Port 1          | <b>Technical Director</b>  | Stephen C. Ede   |
| <b>Matrix</b>           | Drinking Water                   |                            |                  |

Sample Remarks:

| Parameter                       | Results | LOQ    | Units | Method           | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|---------------------------------|---------|--------|-------|------------------|--------------|------------------|-----------|---------------|------|
| <b><u>Metals by ICP/MS</u></b>  |         |        |       |                  |              |                  |           |               |      |
| Mercury                         | ND      | 0.200  | ug/L  | EP200.8          | B            | (<2)             | 04/03/19  | 04/08/19      | DSH  |
| <b><u>Waters Department</u></b> |         |        |       |                  |              |                  |           |               |      |
| Cyanide                         | ND      | 0.0050 | mg/L  | SM21 4500-CN C,E | C            | (<0.2)           | 04/03/19  | 04/03/19      | DMM  |
| Total Nitrate/Nitrite-N         | 0.700   | 0.200  | mg/L  | SM21 4500NO3-F   | D            | (<10)            |           | 04/03/19      | EWV  |
| <b><u>Volatile GC/MS</u></b>    |         |        |       |                  |              |                  |           |               |      |
| 1,1,1,2-Tetrachloroethane       | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1,1-Trichloroethane           | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<200)           | 03/28/19  | 03/28/19      | FDR  |
| 1,1,2,2-Tetrachloroethane       | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1,2-Trichloroethane           | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloroethane              | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloroethene              | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<7)             | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloropropene             | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,3-Trichlorobenzene          | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,3-Trichloropropane          | ND      | 0.500  | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,4-Trichlorobenzene          | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<70)            | 03/28/19  | 03/28/19      | FDR  |
| 1,2,4-Trimethylbenzene          | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dibromo-3-chloropropane     | ND      | 2.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dibromoethane               | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichlorobenzene             | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<600)           | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichloroethane              | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichloropropane             | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,3,5-Trimethylbenzene          | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,3-Dichlorobenzene             | ND      | 0.500  | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,3-Dichloropropane             | ND      | 1.00   | ug/L  | EPA 524.2        | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,4-Dichlorobenzene             | ND      | 0.500  | ug/L  | EPA 524.2        | E            | (<75)            | 03/28/19  | 03/28/19      | FDR  |



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**Client Name** Tauriainen Engineering & Testing  
**Project Name/#** Little Creek Water Company  
**Client Sample ID** Bottle Factory - Port 1  
**Matrix** Drinking Water

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**Collected Date/Time** 03/24/2019 17:11  
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**Technical Director** Stephen C. Ede

| Parameter                    | Results | LOQ   | Units | Method    | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|------------------------------|---------|-------|-------|-----------|--------------|------------------|-----------|---------------|------|
| <b><u>Volatile GC/MS</u></b> |         |       |       |           |              |                  |           |               |      |
| 2,2-Dichloropropane          | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 2-Chlorotoluene              | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 4-Chlorotoluene              | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| 4-Isopropyltoluene           | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Benzene                      | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Bromobenzene                 | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromochloromethane           | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromodichloromethane         | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromoform                    | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromomethane                 | ND      | 2.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Carbon tetrachloride         | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Chlorobenzene                | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| Chloroethane                 | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Chloroform                   | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Chloromethane                | ND      | 2.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| cis-1,2-Dichloroethene       | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<70)            | 03/28/19  | 03/28/19      | FDR  |
| cis-1,3-Dichloropropene      | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dibromochloromethane         | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dibromomethane               | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dichlorodifluoromethane      | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Ethylbenzene                 | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<700)           | 03/28/19  | 03/28/19      | FDR  |
| Hexachlorobutadiene          | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Isopropylbenzene (Cumene)    | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Methylene chloride           | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Methyl-t-butyl ether         | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Naphthalene                  | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| n-Butylbenzene               | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| n-Propylbenzene              | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| o-Xylene                     | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| P & M -Xylene                | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |



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| Parameter                            | Results | LOQ   | Units | Method    | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|--------------------------------------|---------|-------|-------|-----------|--------------|------------------|-----------|---------------|------|
| <b><u>Volatile GC/MS</u></b>         |         |       |       |           |              |                  |           |               |      |
| sec-Butylbenzene                     | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Styrene                              | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| tert-Butylbenzene                    | ND      | 0.500 | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Tetrachloroethene                    | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Toluene                              | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<1000)          | 03/28/19  | 03/28/19      | FDR  |
| Total Trihalomethanes                | ND      | 2.00  | ug/L  | EPA 524.2 | E            | (<80)            | 03/28/19  | 03/28/19      | FDR  |
| trans-1,2-Dichloroethene             | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| trans-1,3-Dichloropropene            | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Trichloroethene                      | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Trichlorofluoromethane               | ND      | 1.00  | ug/L  | EPA 524.2 | E            |                  | 03/28/19  | 03/28/19      | FDR  |
| Vinyl chloride                       | ND      | 0.400 | ug/L  | EPA 524.2 | E            | (<2)             | 03/28/19  | 03/28/19      | FDR  |
| Xylenes (total)                      | ND      | 0.500 | ug/L  | EPA 524.2 | E            | (<10000)         | 03/28/19  | 03/28/19      | FDR  |
| <b><u>Surrogates</u></b>             |         |       |       |           |              |                  |           |               |      |
| 1,2-Dichloroethane-D4 (surr)         | 106     |       | %     | EPA 524.2 | E            | 70-130           | 03/28/19  | 03/28/19      | FDR  |
| 4-Bromofluorobenzene (surr)          | 105     |       | %     | EPA 524.2 | E            | 70-130           | 03/28/19  | 03/28/19      | FDR  |
| Toluene-d8 (surr)                    | 101     |       | %     | EPA 524.2 | E            | 70-130           | 03/28/19  | 03/28/19      | FDR  |
| <b><u>Inorganic Contaminants</u></b> |         |       |       |           |              |                  |           |               |      |
| Fluoride                             | ND      | 0.200 | mg/L  | EPA 300.0 | A            | (<2)             | 04/01/19  | 04/01/19      | DMM  |
| Antimony                             | ND      | 1.00  | ug/L  | EP200.8   | B            | (<6)             | 04/02/19  | 04/02/19      | DSH  |
| Arsenic                              | ND      | 5.00  | ug/L  | EP200.8   | B            | (<10)            | 04/02/19  | 04/02/19      | DSH  |
| Barium                               | 6.87    | 3.00  | ug/L  | EP200.8   | B            | (<2000)          | 04/02/19  | 04/02/19      | DSH  |
| Beryllium                            | ND      | 0.400 | ug/L  | EP200.8   | B            | (<4)             | 04/02/19  | 04/02/19      | DSH  |
| Cadmium                              | ND      | 0.500 | ug/L  | EP200.8   | B            | (<5)             | 04/02/19  | 04/02/19      | DSH  |
| Chromium                             | ND      | 2.00  | ug/L  | EP200.8   | B            | (<100)           | 04/02/19  | 04/02/19      | DSH  |
| Nickel                               | ND      | 2.00  | ug/L  | EP200.8   | B            | (<100)           | 04/02/19  | 04/02/19      | DSH  |
| Selenium                             | ND      | 5.00  | ug/L  | EP200.8   | B            | (<50)            | 04/02/19  | 04/02/19      | DSH  |
| Thallium                             | ND      | 1.00  | ug/L  | EP200.8   | B            | (<2)             | 04/02/19  | 04/02/19      | DSH  |



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Matrix Drinking Water

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Technical Director Stephen C. Ede

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| Parameter | Results | LOQ | Units | Method | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|-----------|---------|-----|-------|--------|--------------|------------------|-----------|---------------|------|
|-----------|---------|-----|-------|--------|--------------|------------------|-----------|---------------|------|

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Inorganic Contaminants



**SGS Ref.#** 1191344002  
**Client Name** Tauriainen Engineering & Testing  
**Project Name/#** Little Creek Water Company  
**Client Sample ID** Trip Blank  
**Matrix** Drinking Water

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Sample Remarks:

| Parameter                    | Results | LOQ   | Units | Method    | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|------------------------------|---------|-------|-------|-----------|--------------|------------------|-----------|---------------|------|
| <b><u>Volatile GC/MS</u></b> |         |       |       |           |              |                  |           |               |      |
| 1,1,1,2-Tetrachloroethane    | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1,1-Trichloroethane        | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<200)           | 03/28/19  | 03/28/19      | FDR  |
| 1,1,2,2-Tetrachloroethane    | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1,2-Trichloroethane        | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloroethane           | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloroethene           | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<7)             | 03/28/19  | 03/28/19      | FDR  |
| 1,1-Dichloropropene          | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,3-Trichlorobenzene       | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,3-Trichloropropane       | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2,4-Trichlorobenzene       | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<70)            | 03/28/19  | 03/28/19      | FDR  |
| 1,2,4-Trimethylbenzene       | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dibromo-3-chloropropane  | ND      | 2.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dibromoethane            | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichlorobenzene          | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<600)           | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichloroethane           | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,2-Dichloropropane          | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| 1,3,5-Trimethylbenzene       | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,3-Dichlorobenzene          | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,3-Dichloropropane          | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 1,4-Dichlorobenzene          | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<75)            | 03/28/19  | 03/28/19      | FDR  |
| 2,2-Dichloropropane          | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 2-Chlorotoluene              | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 4-Chlorotoluene              | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| 4-Isopropyltoluene           | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Benzene                      | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Bromobenzene                 | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromochloromethane           | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromodichloromethane         | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Bromoform                    | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |



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**Printed Date/Time** 04/10/2019 14:16  
**Collected Date/Time** 03/24/2019 17:11  
**Received Date/Time** 03/27/2019 10:00  
**Technical Director** Stephen C. Ede

| Parameter                    | Results | LOQ   | Units | Method    | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|------------------------------|---------|-------|-------|-----------|--------------|------------------|-----------|---------------|------|
| <b><u>Volatile GC/MS</u></b> |         |       |       |           |              |                  |           |               |      |
| Bromomethane                 | ND      | 2.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Carbon tetrachloride         | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Chlorobenzene                | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| Chloroethane                 | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Chloroform                   | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Chloromethane                | ND      | 2.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| cis-1,2-Dichloroethene       | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<70)            | 03/28/19  | 03/28/19      | FDR  |
| cis-1,3-Dichloropropene      | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dibromochloromethane         | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dibromomethane               | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Dichlorodifluoromethane      | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Ethylbenzene                 | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<700)           | 03/28/19  | 03/28/19      | FDR  |
| Hexachlorobutadiene          | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Isopropylbenzene (Cumene)    | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Methylene chloride           | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Methyl-t-butyl ether         | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Naphthalene                  | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| n-Butylbenzene               | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| n-Propylbenzene              | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| o-Xylene                     | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| P & M -Xylene                | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| sec-Butylbenzene             | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Styrene                      | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| tert-Butylbenzene            | ND      | 0.500 | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Tetrachloroethene            | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |
| Toluene                      | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<1000)          | 03/28/19  | 03/28/19      | FDR  |
| Total Trihalomethanes        | ND      | 2.00  | ug/L  | EPA 524.2 | A            | (<80)            | 03/28/19  | 03/28/19      | FDR  |
| trans-1,2-Dichloroethene     | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<100)           | 03/28/19  | 03/28/19      | FDR  |
| trans-1,3-Dichloropropene    | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Trichloroethene              | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<5)             | 03/28/19  | 03/28/19      | FDR  |



**SGS Ref.#** 1191344002  
**Client Name** Tauriainen Engineering & Testing  
**Project Name/#** Little Creek Water Company  
**Client Sample ID** Trip Blank  
**Matrix** Drinking Water

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| Parameter                    | Results | LOQ   | Units | Method    | Container ID | Allowable Limits | Prep Date | Analysis Date | Init |
|------------------------------|---------|-------|-------|-----------|--------------|------------------|-----------|---------------|------|
| <b>Volatile GC/MS</b>        |         |       |       |           |              |                  |           |               |      |
| Trichlorofluoromethane       | ND      | 1.00  | ug/L  | EPA 524.2 | A            |                  | 03/28/19  | 03/28/19      | FDR  |
| Vinyl chloride               | ND      | 0.400 | ug/L  | EPA 524.2 | A            | (<2)             | 03/28/19  | 03/28/19      | FDR  |
| Xylenes (total)              | ND      | 0.500 | ug/L  | EPA 524.2 | A            | (<10000)         | 03/28/19  | 03/28/19      | FDR  |
| <b>Surrogates</b>            |         |       |       |           |              |                  |           |               |      |
| 1,2-Dichloroethane-D4 (surr) | 108     |       | %     | EPA 524.2 | A            | 70-130           | 03/28/19  | 03/28/19      | FDR  |
| 4-Bromofluorobenzene (surr)  | 105     |       | %     | EPA 524.2 | A            | 70-130           | 03/28/19  | 03/28/19      | FDR  |
| Toluene-d8 (surr)            | 102     |       | %     | EPA 524.2 | A            | 70-130           | 03/28/19  | 03/28/19      | FDR  |



# TAURIAINEN ENGINEERING & TESTING

35186 Spur Hwy Soldotna, AK 99669 (907)262-4624  
FAX 262-5777 engineeringalaska@gcl.net

1191344



CHAIN OF CUSTODY  
LAB NUMBER: \_\_\_\_\_  
PWSID: \_\_\_\_\_

## CLIENT INFORMATION

Name Little Creek Water Company Contact Scott Sellers  
Address \_\_\_\_\_  
Phone 907-394-1056 Email/Fax i.aquarius.kenai@gmail.com  
Bill/Paid TC # 252991 Project # \_\_\_\_\_ PO# \_\_\_\_\_  
COMMENTS CHLORINATED - Y N

|                   |        |               |
|-------------------|--------|---------------|
| Laboratory:       | SGS    | TET           |
| Shipping Carrier: | Lynden |               |
| Bill of Lading #: |        |               |
| Invoice:          | TET    | Quote #360406 |
| Report:           | TET    |               |

This report is for the exclusive use of the party to whom it is addressed.  
By submitting a sample for testing to Tauriainen Engineering & Testing, Inc. (TET) the Client agrees to the terms and conditions on reverse.

| SAMPLE NO.                                 | LOCATION DESCRIPTION<br>(kitchen, spigot, monitor well, etc.) | DATE    | PM<br>↓<br>TIME | Type and Size | # of Bottles | ANALYSIS →                            |                                  |                                     |                                       |     |  | REMARKS       |
|--|---|---------|-----------------|---------------|--------------|---------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|-----|--|---------------|
|  |   |         |                 |               |              | Phase II (Fluoride)<br>Old Inorganics | Old & New Inorganics<br>(Metals) | Phase V (Cyanide)<br>New Inorganics | Nitrate/Nitrite                       | VOC |  |               |
| Sampled By <u>Scott Sellers</u>            |   |         |                 |               |              | PRESERVATIVE →                        | HNO <sub>3</sub>                 | NaOH                                | <del>H<sub>2</sub>O<sub>2</sub></del> | HCl |  | Matrix: Water |
| Sample Site: <u>Bottle Factor (Port 1)</u> |   |         |                 |               |              |                                       |                                  |                                     |                                       |     |  |               |
| 1A   | Bottle Factory - Part 1                                       | 3/24/19 | 5:11            | 60mL poly     | 1            | X                                     |                                  |                                     |                                       |     |  | 1A            |
| 1B   | Bottle Factory - Part 1                                       | 3/24/19 | 5:12            | 250mL poly    | 1            |                                       | X                                |                                     |                                       |     |  | 1B            |
| 1C   | Bottle Factory - Part 1                                       | 3/24/19 | 5:13            | 250mL poly    | 1            |                                       |                                  | X                                   |                                       |     |  | 1C            |
| 1D   | Bottle Factory - Part 1                                       | 3/24/19 | 5:14            | 60ml poly     | 1            |                                       |                                  |                                     | X                                     |     |  | 1D            |
| 5  | Bottle Factory - Part 1                                       | 3/24/19 | 5:15            | 40mL glass    | 3            |                                       |                                  |                                     |                                       | X   |  | DE-G          |
| 6  | Trip Blank  |         |                 | 40ml Glass    | 3            |                                       |                                  |                                     |                                       | X   |  | 2A-C          |
| 7  |   |         |                 |               |              |                                       |                                  |                                     |                                       |     |  |               |

Method of Arrival:  Cooler with ice  Cooler with no ice  No preservative  Other  
 Sample Condition: Good Rejected \_\_\_\_\_ Temperature \_\_\_\_\_ pH \_\_\_\_\_  
 Relinquished by: Scott Sellers Date/Time: 3-25-19 / 10:15 AM Accepted by: [Signature] Date/Time: 25 MAR 19 10:15  
 Relinquished by: ST Date/Time: 26 MAR 2019 Accepted by: [Signature] Date/Time: 31 MAR 19 10:00