



Environmental

CERTIFICATE OF ANALYSIS

Work Order : **KS2001056**
Client : **Nicola Lakeshore Water Utility Co. Ltd.**
Contact : Kevin Rabbitt
Address : 105 - 1121 McFarlane Way
Merritt BC Canada V1K 1B9
Telephone : 250 378 4206
Project : Arsenic Plant B
PO : ----
C-O-C number : ----
Sampler : Jeff Wike
Site : ----
Quote number : Routine Tests
No. of samples received : 1
No. of samples analysed : 1

Page : 1 of 2
Laboratory : Kamloops - Environmental
Account Manager : Amanda Lampreau
Address : 1445 McGill Road, Unit 2B
Kamloops BC Canada V2C 6K7
Telephone : 1 250 572 1458
Date Samples Received : 15-Jul-2020 13:45
Date Analysis Commenced : 17-Jul-2020
Issue Date : 23-Jul-2020 10:07

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i> | <i>Laboratory Department</i> |
|--------------------|---|-----------------------------------|
| Cristina Alexandre | Supervisor - Metals ICP Instrumentation | Metals, Burnaby, British Columbia |



General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances
 LOR: Limit of Reporting (detection limit).

| Unit | Description |
|------|----------------------|
| mg/L | milligrams per litre |

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in reports identified as "Preliminary Report" are considered authorized for use.

Analytical Results

| Sub-Matrix: Water | | | | | Client sample ID | Arsenic Plant Tank B | ---- | ---- | ---- | ---- |
|---------------------|------------|--------|---------|------|-----------------------------|----------------------|-------|-------|-------|------|
| (Matrix: Water) | | | | | Client sampling date / time | 15-Jul-2020 08:28 | ---- | ---- | ---- | ---- |
| Analyte | CAS Number | Method | LOR | Unit | KS2001056-001 | ----- | ----- | ----- | ----- | |
| | | | | | Result | ---- | ---- | ---- | ---- | |
| Total Metals | | | | | | | | | | |
| arsenic, total | 7440-38-2 | E420 | 0.00010 | mg/L | 0.00278 | ---- | ---- | ---- | ---- | |

Please refer to the General Comments section for an explanation of any qualifiers detected.