## DRINKING WATER SYSTEM ANNUAL REPORT

| | |
|---|---|
| **Reporting Period:** | January 1st to December 31st, 2022 (year) |
| **Water System** | Village of Harrison Hot Springs Water System |
| **Water System Owner** | Village of Harrison Hot Springs |
| **Primary Contact Name** (Operator or Manager) | Tyler Simmonds |
| **Phone Number** (Operator or Manager) | 604-798-5974 |
| **E-mail** (Operator or Manager) | tsimmonds@harrisonhotsprings.ca |

## DESCRIBE YOUR WATER SUPPLY SYSTEM

***What is the Source(s) of Raw Water?***

☐ Deep Well ☐ Shallow Well ☒ Surface Water ☐ Other

If other, specify details:

***Does the Drinking Water System have Primary Disinfection?*** ☒ Yes ☐ No

☒ Chlorination ☐ Ultraviolet Light ☐ Ozone ☐ Other

If other, specify details:

***Does the Drinking Water System have Secondary Disinfection?*** ☒ Yes ☐ No

☐ Chlorination ☐ Other

If other, specify details:

***Does the Drinking Water System have Filtration?*** ☒ Yes ☐ No

**Check all boxes that apply**

☐ Cartridge Filter(s) ☐ Carbon Filter ☐ Sand Filtration ☐ Reverse Osmosis ☒ Other

If other, specify details: Ultra Filtration Membrane

## PUBLIC REPORTING

**Emergency Response & Contingency Plan (ERCP)**

***Is your ERCP up to Date?*** ☒ Yes ☐ No

***How do you Inform the System Users of the ERCP?***

☐ Hand Delivered ☐ Bulletin Board ☐ Newspaper ☐ Utility Bill Insert ☒ Website

☐ Other (specify details)

**Drinking Water System Annual Report**

***How do you Inform the System Users of the Annual Report?***

☐ Hand Delivered ☐ Bulletin Board ☐ Newspaper ☐ Utility Bill Insert ☒ Website

☐ Other (specify details)

## COMPLIANCE WITH OPERATING PERMIT

***List the conditions that have been placed on your Operating Permit*** *(if you have conditions, these will be stated on your permit)**:***

***Are you in compliance with the conditions listed on your Operating Permit?*** ☐ Yes ☐ No ☒ N/A

## BACTERIOLOGICAL TESTING AND DRINKING WATER PROTECTION REGULATION WATER QUALITY STANDARDS

***How many bacteriological samples were collected during this reporting period?*** 97

***What is the minimum required sampling frequency for this system? (#samples/month)*** 8/month

Additional sampling details:

***Was the minimum required sampling frequency achieved?*** ☒ Yes ☐ No

Comments:

***Bacteriological summary attached to this report?*** ☒ Yes ☐ No

***If no, how do the users of the system view the results?***

## WATER QUALITY STANDARDS FOR POTABLE WATER

| ***Parameter:*** | ***Standard:*** | **Did this system meet standard?** | |
|---|---|---|---|
| Escherichia coli (for all samples) | No detectable *Escherichia coli* per 100ml | ☒ Yes | ☐ No |
| Total Coliform Bacteria *(if only 1 sample collected in a 30 day period)* | No detectable total coliform bacteria per 100ml | ☐ Yes | ☐ No |
| Total Coliform Bacteria *(if more than 1 sample collected in a 30 day period)* | No more than 10% of samples contain total coliform bacteria, **and** No sample has more than 10 total coliform bacteria per 100ml | ☒ Yes | ☐ No |

***If the system did not meet any of above Drinking Water Protection Regulation standards, record the results in the table below; attach additional sheets if necessary.***

| Date | TC/100ml | E.coli/100ml | Reason | Corrective Action |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## CHEMICAL SAMPLING COMPLETED DURING THIS REPORTING PERIOD

***Was any chemical sampling conducted during reporting period?*** ☒ Yes ☐ No

***If no, when were the last chemical samples conducted for this system?***

(date) ☐ Don't Know ☐ Never

***If yes, did all water samples meet the Guidelines for Canadian Drinking Water Quality?***

☒ Yes ☐ No

***If any water samples did not meet the Guidelines for Canadian Drinking Water Quality, record the results in the table below; attach additional sheets if necessary.***

| Parameter | Result | Corrective Action / Treatment / Comments |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

## ADDITIONAL TESTING

***Does the system have analyzers for continuous monitoring?*** ☒ Yes ☐ No

***If yes, check all boxes that apply:***

☒ Chlorine ☒ Turbidity ☐ Other (details)

***Are the results available on request?*** Yes

***If any additional testing or sampling was conducted, record results in the table below; attach additional sheets if necessary.***

| Additional Testing & Reason for Sampling | Corrective Action Taken |
|---|---|
| | |
| | |
| | |

## WATER QUALITY COMPLAINTS

***Were there any water quality complaints in this reporting period? (e.g. taste, odour, colour etc.)*** ☐ Yes ☒ No

***If yes, complete the table below; attach additional sheets if necessary.***

| Date | Water Quality Complaint | Corrective Action / Treatment |
|---|---|---|
| | | |
| | | |
| | | |

## OPERATIONAL PROBLEMS

***Were there any operational problems during this reporting period? (e.g. insufficient water supply, malfunction of disinfection equipment, line breaks, elevated turbidity etc.).*** ☐ Yes ☒ No

***If yes, complete the table below; attach additional sheets if necessary.***

| Incident Date | Type of Operational Problem | Corrective Action Taken |
|---|---|---|
| | | |
| | | |
| | | |

## MAJOR UPGRADES/REPAIRS & EXPENSES

***Were there any major upgrades/repairs or any major costs incurred during this reporting period?*** ☒ Yes ☐ No

***If yes, complete the table below; attach additional sheets if necessary.***

| Major Upgrades/Expenses | Details |
|---|---|
| Improvements required by DWO | |
| Additions/changes to system | |
| Purchase or install new equipment | New VFD's for the transfer pumps (x3) |
| Equipment repair or replacement | |
| Annual maintenance of system | |
| Specialist report | |
| Other | |

## FUTURE IMPROVEMENTS

***Are there any plans for future improvements?*** ☐ Yes ☐ No

***If yes, complete the table below; attach additional sheets if necessary.***

| Future Upgrades or Improvements | Estimated Date of Completion |
|---|---|
| Replace train #1, membranes and valves | 31-Jan-2023 |
| Reservoir maintenance | 07-Apr-2023 |

| | | | |
|---|---|---|---|
| **DATE COMPLETED:** | 28-Feb-2023 | **COMPLETED BY:** | Tyler Simmonds |

# Sample Range Report

Fraser Health Authority

**Facility Name:** Village Of Harrison Hot Springs WS
**Date Range:** Jan 1 2022 to Dec 31 2022

**Operator** Tyler Simmonds
BOX 160, 495 Hot Springs Rd
Harrison Hot Springs, BC V0M 1K0

| Sampling Site | Date Collected | Total Coliform | E. Coli | Fecal Coliform |
|---|---|---|---|---|
| Boat Launch Washrooms, Harrison Hotsprings | | | | |
| | 2-7-2022 8:11:00 AM | LT1 | LT1 | |
| | 3-28-2022 8:45:00 AM | LT1 | LT1 | |
| | 5-16-2022 8:52:00 AM | LT1 | LT1 | |
| | 7-4-2022 9:22:00 AM | LT1 | LT1 | |
| | 8-23-2022 9:39:00 AM | LT1 | LT1 | |
| | 10-11-2022 9:00:00 AM | LT1 | LT1 | |
| | 11-28-2022 10:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 170 Cedar Avenue, 170 Cedar Avenue | | | | |
| | 3-21-2022 10:05:00 AM | LT1 | LT1 | |
| | 5-9-2022 10:16:00 AM | LT1 | LT1 | |
| | 6-27-2022 10:28:00 AM | LT1 | LT1 | |
| | 8-15-2022 10:49:00 AM | LT1 | LT1 | |
| | 10-3-2022 11:00:00 AM | LT1 | LT1 | |
| | 11-21-2022 12:00:00 PM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 459 Naismith West End, 459 Naismith | | | | |
| | 2-22-2022 10:30:00 AM | LT1 | LT1 | |
| | 4-11-2022 9:58:00 | LT1 | LT1 | |

| | | | | |
|---|---|---|---|---|
| | AM | | | |
| | 5-30-2022 11:30:00 AM | LT1 GTR200 | LT1 GTR200 | |
| | 6-6-2022 10:48:00 AM | LT1 | LT1 | |
| | 7-19-2022 12:10:00 PM | LT1 | LT1 | |
| | 9-6-2022 10:25:00 AM | LT1 | LT1 | |
| | 10-25-2022 9:54:00 AM | LT1 | LT1 | |
| | 12-12-2022 10:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| Beach Washrooms, Harrison Lake beach | | | | |
| | 1-10-2022 8:05:00 AM | LT1 | LT1 | |
| | 2-28-2022 8:00:00 AM | LT1 | LT1 | |
| | 4-19-2022 8:00:00 AM | LT1 | LT1 | |
| | 6-6-2022 7:50:00 AM | LT1 | LT1 | |
| | 7-26-2022 10:15:00 AM | LT1 | LT1 | |
| | 9-12-2022 7:39:00 AM | LT1 | LT1 | |
| | 11-1-2022 8:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 526 Driftwood, 526 Driftwood | | | | |
| | 1-10-2022 8:51:00 AM | LT1 | LT1 | |
| | 2-28-2022 10:10:00 AM | LT1 | LT1 | |
| | 4-19-2022 9:55:00 AM | LT1 | LT1 | |
| | 6-6-2022 10:36:00 AM | LT1 | LT1 | |
| | 7-26-2022 10:30:00 AM | LT1 | LT1 | |
| | 9-12-2022 10:15:00 AM | LT1 | LT1 | |
| | 11-1-2022 8:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 973 Hotsprings Road Tap, 973 | | | | |

| | | | | |
|---|---|---|---|---|
| Hotsprings Road | | | | |
| | 1-17-2022 9:30:00 AM | LT1 | LT1 | |
| | 3-7-2022 8:45:00 AM | LT1 | LT1 | |
| | 4-25-2022 8:40:00 AM | LT1 | LT1 | |
| | 6-13-2022 10:12:00 AM | LT1 | LT1 | |
| | 8-2-2022 10:26:00 AM | LT1 | LT1 | |
| | 9-20-2022 9:40:00 AM | LT1 | LT1 | |
| | 11-8-2022 9:42:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| Public Works Office, Public Works Office | | | | |
| | 1-17-2022 2:05:00 PM | LT1 | LT1 | |
| | 3-7-2022 7:05:00 AM | LT1 | LT1 | |
| | 4-25-2022 7:05:00 AM | LT1 | LT1 | |
| | 6-13-2022 7:20:00 AM | LT1 | LT1 | |
| | 8-2-2022 7:47:00 AM | LT1 | LT1 | |
| | 9-20-2022 7:10:00 AM | LT1 | LT1 | |
| | 11-8-2022 7:40:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| Water Treatment Plant, Water Treatment Plant | | | | |
| | 2-14-2022 10:05:00 AM | LT1 | LT1 | |
| | 4-4-2022 7:30:00 AM | LT1 | LT1 | |
| | 5-24-2022 10:55:00 AM | LT1 | LT1 | |
| | 7-11-2022 10:28:00 AM | LT1 | LT1 | |
| | 8-29-2022 10:35:00 AM | LT1 | LT1 | |
| | 10-18-2022 10:10:00 AM | LT1 | LT1 | |
| | 12-5-2022 11:15:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |

| | | | | |
|---|---|---|---|---|
| 290 Esplanade, 290 Esplanade | | | | |
| | 2-22-2022 10:30:00 AM | LT1 | LT1 | |
| | 4-11-2022 7:58:00 AM | LT1 | LT1 | |
| | 5-30-2022 10:02:00 AM | LT1 | LT1 | |
| | 7-19-2022 8:55:00 AM | LT1 | LT1 | |
| | 9-6-2022 8:22:00 AM | LT1 | LT1 | |
| | 10-25-2022 8:06:00 AM | LT1 | LT1 | |
| | 12-12-2022 10:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| Peace Park, | | | | |
| | 1-24-2022 9:31:00 AM | LT1 | LT1 | |
| | 3-14-2022 9:42:00 AM | LT1 | LT1 | |
| | 5-2-2022 10:20:00 AM | LT1 | LT1 | |
| | 6-20-2022 9:40:00 AM | LT1 | LT1 | |
| | 8-9-2022 8:15:00 AM | LT1 | LT1 | |
| | 9-26-2022 10:35:00 AM | LT1 | LT1 | |
| | 11-14-2022 11:00:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| Echo Spring Park, | | | | |
| | 2-14-2022 8:22:00 AM | 1 | LT1 | |
| | 4-4-2022 9:50:00 AM | LT1 | LT1 | |
| | 5-24-2022 9:23:00 AM | LT1 | LT1 | |
| | 7-11-2022 9:25:00 AM | LT1 | LT1 | |
| | 8-29-2022 9:35:00 AM | LT1 | LT1 | |
| | 10-18-2022 8:47:00 AM | LT1 | LT1 | |
| | 12-5-2022 11:15:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **1** | **0** | **0** |

| | | | | |
|---|---|---|---|---|
| Community Gardens, | | | | |
| | 1-24-2022 10:00:00 AM | LT1 | LT1 | |
| | 3-14-2022 8:30:00 AM | LT1 | LT1 | |
| | 5-2-2022 9:46:00 AM | LT1 | LT1 | |
| | 6-20-2022 10:20:00 AM | LT1 | LT1 | |
| | 8-9-2022 8:30:00 AM | LT1 | LT1 | |
| | 9-26-2022 9:50:00 AM | LT1 | LT1 | |
| | 11-14-2022 11:00:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 442 Pine, 442 Pine | | | | |
| | 3-21-2022 9:52:00 AM | LT1 | LT1 | |
| | 5-9-2022 10:31:00 AM | LT1 | LT1 | |
| | 6-27-2022 10:10:00 AM | LT1 | LT1 | |
| | 8-15-2022 10:36:00 AM | LT1 | LT1 | |
| | 10-3-2022 10:15:00 AM | LT1 | LT1 | |
| | 11-21-2022 12:00:00 PM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |
| 843 Myng, 843 Myng | | | | |
| | 2-7-2022 8:50:00 AM | LT1 | LT1 | |
| | 3-28-2022 9:53:00 AM | LT1 | LT1 | |
| | 5-16-2022 9:53:00 AM | LT1 | LT1 | |
| | 7-4-2022 10:14:00 AM | LT1 | LT1 | |
| | 8-23-2022 10:22:00 AM | LT1 | LT1 | |
| | 10-11-2022 9:15:00 AM | LT1 | LT1 | |
| | 11-28-2022 10:30:00 AM | LT1 | LT1 | |
| | **Total Positive:** | **0** | **0** | **0** |

**Result Values:** **E - estimated** **L - less than** **G - greater than**

| | | |
|---|---|---|
| Samples that contain total coliform: | 1 | 1.03% of total |
| Samples that contain e. coli: | 0 | 0.00% of total |

| | | |
|---|---|---|
| Samples that contain fecal coliform: | 0 | 0.00% of total |
| Number of consecutive samples that contain total coliform: | 0 | |
| Number of samples that contain total coliform in last 30 days: | 0/0 | |
| Total number of samples: | 97 | |

**Comments:**

David Fowler

Environmental Health Officer
Feb 27 2023

FOR FURTHER INFORMATION PLEASE CALL: David Fowler

# Village of Harrison Hot Springs
# Water System

## Year of Annual Report 2022

**Date: February 28, 2023 Permit: _____**

**Completed by Tyler Simmonds, Utilities Supervisor**

**Flows ($m^3$)**

| **January** | | **February** | | **March** | | **April** | | **May** | | **June** | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) |
| Month total | 18479 | Month total | 15725 | Month total | 18215 | Month total | 19020 | Month total | 21846 | Month total | 26272 |
| Daily Avg. | 596 | Daily Avg. | 562 | Daily Avg. | 588 | Daily Avg. | 634 | Daily Avg. | 705 | Daily Avg. | 876 |
| Daily Max | 773 | Daily Max | 819 | Daily Max | 700 | Daily Max | 837 | Daily Max | 1001 | Daily Max | 1447 |
| Daily Min | 325 | Daily Min | 347 | Daily Min | 343 | Daily Min | 283 | Daily Min | 526 | Daily Min | 588 |

| **July** | | **August** | | **September** | | **October** | | **November** | | **December** | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) | Date | Flow ($m^3$) |
| Month total | 45469 | Month total | 51689 | Month total | 38175 | Month total | 30556 | Month total | 18285 | Month total | 18522 |
| Daily Avg. | 1467 | Daily Avg. | 1667 | Daily Avg. | 1273 | Daily Avg. | 986 | Daily Avg. | 610 | Daily Avg. | 597 |
| Daily Max | 2220 | Daily Max | 2353 | Daily Max | 1639 | Daily Max | 1580 | Daily Max | 870 | Daily Max | 736 |
| Daily Min | 777 | Daily Min | 1001 | Daily Min | 874 | Daily Min | 545 | Daily Min | 342 | Daily Min | 313 |

**Yearly Totals**

| **Date** | **Flow ($m^3$)** | **Date** | **Flow ($m^3$)** | **Date** | **Flow ($m^3$)** | **Date** | **Flow ($m^3$)** |
|---|---|---|---|---|---|---|---|
| Year total | 322253 | Daily Avg. | 883 | Daily Max | 2353 | Daily Min | 313 |
| | | | | | Aug 1st | | Dec 6th |

**Quality Monitoring**

| | Jan | Feb | March | April | May | June | July | Aug | Sept | Oct | Nov | Dec |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # of Samples | 6 | 8 | 8 | 8 | 10 | 9 | 8 | 10 | 8 | 8 | 10 | 4 |
| # of Total Coliform | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| # of E. Coli | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ALS Environmental

# CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

| | | | |
|---|---|---|---|
| **Work Order** | : **VA22B4651** | Page | : 1 of 6 |
| **Amendment** | : **1** | | |
| Client | : **Village of Harrison Hot Springs** | Laboratory | : Vancouver - Environmental |
| Contact | : Tyler Simmonds | Account Manager | : Sneha Sansare |
| Address | : PO Box 160 495 Hot Springs Road<br>Harrison Hot Springs BC Canada V0M 1K0 | Address | : 8081 Lougheed Highway<br>Burnaby, British Columbia Canada V5A 1W9 |
| Telephone | : ---- | Telephone | : +1 604 253 4188 |
| Project | : WTP June 2022 | Date Samples Received | : 28-Jun-2022 13:15 |
| PO | : 18714 | Date Analysis Commenced | : 28-Jun-2022 |
| C-O-C number | : ---- | Issue Date | : 18-Jul-2022 12:57 |
| Sampler | : ---- | | |
| Site | : | | |
| Quote number | : Quote for Harrison Hot Springs | | |
| No. of samples received | : 4 | | |
| No. of samples analysed | : 4 | | |

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
- Guideline Comparison

**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.

| *Signatories* | *Position* | *Laboratory Department* |
|---|---|---|
| Angela Ren | Team Leader - Metals | Metals, Burnaby, British Columbia |
| Brieanna Allen | Production/Validation Manager | Inorganics, Burnaby, British Columbia |
| Brieanna Allen | Production/Validation Manager | Microbiology, Burnaby, British Columbia |
| Robin Weeks | Team Leader - Metals | Metals, Burnaby, British Columbia |
| Sandra Cummings | Department Manager - LCMS | LCMS, Waterloo, Ontario |

## 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.

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to fitness for a particular purpose, or non-infringement. ALS assumes no responsibility for errors or omissions in the information. Guidelines are not adjusted for the hardness, pH or temperature of the sample (the most conservative values are used). Measurement uncertainty is not applied to test results prior to comparison with specified criteria values.

Key : LOR: Limit of Reporting (detection limit).

| *Unit* | *Description* |
|---|---|
| µg/L | micrograms per litre |
| µS/cm | Microsiemens per centimetre |
| CU | colour units (1 CU = 1 mg/L Pt) |
| mg/L | milligrams per litre |
| MPN/100mL | most probable number per 100 mL |
| NTU | nephelometric turbidity units |
| pH units | pH units |

>: greater than.
<: less than.
Red shading is applied where the result is greater than the Guideline Upper Limit or the result is lower than the Guideline Lower Limit.
For drinking water samples, Red shading is applied where the result for E.coli, fecal or total coliforms is greater than or equal to the Guideline Upper Limit.

## Qualifiers

| *Qualifier* | *Description* |
|---|---|
| *DLM* | *Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).* |

## Analytical Results Evaluation

Matrix: **Water**

| Analyte | CAS Number | Unit | Client sample ID | Treated water | Peace Park | Art Gallery | ---- | ---- | ---- | ---- |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sampling date/time | 28-Jun-2022 07:00 | 28-Jun-2022 07:00 | 28-Jun-2022 07:00 | ---- | ---- | ---- | ---- |
| | | | Sub-Matrix | Water | Water | Water | ---- | ---- | ---- | ---- |
| | | | | VA22B4651-002 | VA22B4651-003 | VA22B4651-004 | -------- | -------- | -------- | -------- |
| **Physical Tests** | | | | | | | | | | |
| **alkalinity, total (as CaCO3)** | ---- | mg/L | | 16.8 | 16.6 | 38.3 | ---- | ---- | ---- | ---- |
| **colour, true** | ---- | CU | | <5.0 | <5.0 | 7.6 | ---- | ---- | ---- | ---- |
| **conductivity** | ---- | µS/cm | | 53.0 | 53.1 | 109 | ---- | ---- | ---- | ---- |
| **pH** | ---- | pH units | | 7.47 | 7.47 | 7.54 | ---- | ---- | ---- | ---- |
| **solids, total dissolved [TDS]** | ---- | mg/L | | 34 | 38 | 70 | ---- | ---- | ---- | ---- |
| **turbidity** | ---- | NTU | | <0.10 | <0.10 | 0.59 | ---- | ---- | ---- | ---- |
| **hardness (as CaCO3), from total Ca/Mg** | ---- | mg/L | | 18.1 | 18.0 | 37.1 | ---- | ---- | ---- | ---- |
| **Anions and Nutrients** | | | | | | | | | | |
| **chloride** | 16887-00-6 | mg/L | | 1.87 | 1.88 | 5.95 | ---- | ---- | ---- | ---- |
| **fluoride** | 16984-48-8 | mg/L | | <0.020 | <0.020 | <0.020 | ---- | ---- | ---- | ---- |
| **nitrate (as N)** | 14797-55-8 | mg/L | | 0.0620 | 0.0661 | 0.0061 | ---- | ---- | ---- | ---- |
| **nitrite (as N)** | 14797-65-0 | mg/L | | <0.0010 | <0.0010 | <0.0010 | ---- | ---- | ---- | ---- |
| **sulfate (as SO4)** | 14808-79-8 | mg/L | | 5.16 | 5.16 | 6.11 | ---- | ---- | ---- | ---- |
| **Microbiological Tests** | | | | | | | | | | |
| **coliforms, total** | ---- | MPN/100mL | | <1 | <1 | <1 | ---- | ---- | ---- | ---- |
| **coliforms, Escherichia coli [E. coli]** | ---- | MPN/100mL | | <1 | <1 | <1 | ---- | ---- | ---- | ---- |
| **Total Metals** | | | | | | | | | | |
| **aluminum, total** | 7429-90-5 | mg/L | | 0.0135 | 0.0126 | 0.0145 | ---- | ---- | ---- | ---- |
| **antimony, total** | 7440-36-0 | mg/L | | <0.00050 | <0.00050 | <0.00050 | ---- | ---- | ---- | ---- |
| **arsenic, total** | 7440-38-2 | mg/L | | 0.00017 | 0.00018 | 0.00023 | ---- | ---- | ---- | ---- |
| **barium, total** | 7440-39-3 | mg/L | | <0.0200 | <0.0200 | <0.0200 | ---- | ---- | ---- | ---- |
| **boron, total** | 7440-42-8 | mg/L | | <0.100 | <0.100 | <0.100 | ---- | ---- | ---- | ---- |
| **cadmium, total** | 7440-43-9 | mg/L | | <0.000200 | <0.000200 | <0.000200 | ---- | ---- | ---- | ---- |
| **calcium, total** | 7440-70-2 | mg/L | | 6.15 | 6.10 | 13.1 | ---- | ---- | ---- | ---- |
| **chromium, total** | 7440-47-3 | mg/L | | <0.00200 | <0.00200 | <0.00200 | ---- | ---- | ---- | ---- |
| **copper, total** | 7440-50-8 | mg/L | | <0.00100 | 0.00182 | 0.201 | ---- | ---- | ---- | ---- |
| **iron, total** | 7439-89-6 | mg/L | | <0.030 | <0.030 | 0.232 | ---- | ---- | ---- | ---- |

## Analytical Results Evaluation

Matrix: **Water**

| Analyte | CAS Number | Unit | Client sample ID: Treated water | Peace Park | Art Gallery | ---- | ---- | ---- | ---- |
|---|---|---|---|---|---|---|---|---|---|
| | | | Sampling date/time: 28-Jun-2022 07:00 | 28-Jun-2022 07:00 | 28-Jun-2022 07:00 | ---- | ---- | ---- | ---- |
| | | | Sub-Matrix: Water | Water | Water | ---- | ---- | ---- | ---- |
| | | | VA22B4651-002 | VA22B4651-003 | VA22B4651-004 | -------- | -------- | -------- | -------- |
| **Total Metals** | | | | | | | | | |
| **lead, total** | 7439-92-1 | mg/L | <0.000500 | <0.000500 | 0.00561 | ---- | ---- | ---- | ---- |
| **magnesium, total** | 7439-95-4 | mg/L | 0.676 | 0.673 | 1.06 | ---- | ---- | ---- | ---- |
| **manganese, total** | 7439-96-5 | mg/L | <0.00200 | <0.00200 | 0.0116 | ---- | ---- | ---- | ---- |
| **mercury, total** | 7439-97-6 | mg/L | <0.0000050 | <0.0000050 | <0.0000050 | ---- | ---- | ---- | ---- |
| **potassium, total** | 7440-09-7 | mg/L | 0.597 | 0.598 | 1.25 | ---- | ---- | ---- | ---- |
| **selenium, total** | 7782-49-2 | mg/L | <0.00100 | <0.00100 | <0.00100 | ---- | ---- | ---- | ---- |
| **sodium, total** | 7440-23-5 | mg/L | 2.04 | 2.10 | 5.28 | ---- | ---- | ---- | ---- |
| **uranium, total** | 7440-61-1 | mg/L | <0.000100 | <0.000100 | <0.000100 | ---- | ---- | ---- | ---- |
| **zinc, total** | 7440-66-6 | mg/L | <0.0500 | <0.0500 | 2.08 | ---- | ---- | ---- | ---- |
| **Haloacetic Acids** | | | | | | | | | |
| **bromochloroacetic acid** | 5589-96-8 | µg/L | <1.20 DLM | <1.26 DLM | ---- | ---- | ---- | ---- | ---- |
| **dibromoacetic acid** | 631-64-1 | µg/L | <1.00 | <1.00 | ---- | ---- | ---- | ---- | ---- |
| **dichloroacetic acid** | 79-43-6 | µg/L | 11.2 | 12.2 | ---- | ---- | ---- | ---- | ---- |
| **monobromoacetic acid** | 79-08-3 | µg/L | <10.0 DLM | <10.0 DLM | ---- | ---- | ---- | ---- | ---- |
| **monochloroacetic acid** | 79-11-8 | µg/L | 4.56 | <1.00 | ---- | ---- | ---- | ---- | ---- |
| **trichloroacetic acid** | 76-03-9 | µg/L | 17.8 | 22.8 | ---- | ---- | ---- | ---- | ---- |
| **haloacetic acids, total [HAA5]** | ---- | µg/L | 33.6 | 35.0 | ---- | ---- | ---- | ---- | ---- |

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

### Summary of Guideline Breaches by Sample

| SampleID/Client ID | Matrix | Analyte | Analyte Summary | Guideline | Category | Result | Limit |
|---|---|---|---|---|---|---|---|
| Art Gallery | Water | lead, total | | BCDWQG | MAC | 0.00561 mg/L | 0.005 mg/L |

## Summary of Guideline Limits

| Analyte | CAS Number | Unit | BCDWQG AO | BCDWQG MAC | BCDWQG OG | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Physical Tests** | | | | | | | | | |
| alkalinity, total (as CaCO3) | ---- | mg/L | | | | | | | |
| colour, true | ---- | CU | **15 CU** | | | | | | |
| conductivity | ---- | µS/cm | | | | | | | |
| hardness (as CaCO3), from total Ca/Mg | ---- | mg/L | | | | | | | |
| pH | ---- | pH units | **7 - 10.5 pH units** | | | | | | |
| solids, total dissolved [TDS] | ---- | mg/L | **500 mg/L** | | | | | | |
| turbidity | ---- | NTU | | | **1 NTU** | | | | |
| **Anions and Nutrients** | | | | | | | | | |
| chloride | 16887-00-6 | mg/L | **250 mg/L** | | | | | | |
| fluoride | 16984-48-8 | mg/L | | **1.5 mg/L** | | | | | |
| nitrate (as N) | 14797-55-8 | mg/L | | **10 mg/L** | | | | | |
| nitrite (as N) | 14797-65-0 | mg/L | | **1 mg/L** | | | | | |
| sulfate (as SO4) | 14808-79-8 | mg/L | | | | | | | |
| **Microbiological Tests** | | | | | | | | | |
| coliforms, Escherichia coli [E. coli] | ---- | MPN/100mL | | **1 MPN/100mL** | | | | | |
| coliforms, total | ---- | MPN/100mL | | **1 MPN/100mL** | | | | | |
| **Total Metals** | | | | | | | | | |
| aluminum, total | 7429-90-5 | mg/L | | **2.9 mg/L** | | | | | |
| antimony, total | 7440-36-0 | mg/L | | **0.006 mg/L** | | | | | |
| arsenic, total | 7440-38-2 | mg/L | | **0.01 mg/L** | | | | | |
| barium, total | 7440-39-3 | mg/L | | **2 mg/L** | | | | | |
| boron, total | 7440-42-8 | mg/L | | **5 mg/L** | | | | | |
| cadmium, total | 7440-43-9 | mg/L | | **0.007 mg/L** | | | | | |
| calcium, total | 7440-70-2 | mg/L | | | | | | | |
| chromium, total | 7440-47-3 | mg/L | | **0.05 mg/L** | | | | | |
| copper, total | 7440-50-8 | mg/L | **1 mg/L** | **2 mg/L** | | | | | |
| iron, total | 7439-89-6 | mg/L | **0.3 mg/L** | | | | | | |
| lead, total | 7439-92-1 | mg/L | | **0.005 mg/L** | | | | | |
| magnesium, total | 7439-95-4 | mg/L | | | | | | | |
| manganese, total | 7439-96-5 | mg/L | **0.02 mg/L** | | | | | | |
| mercury, total | 7439-97-6 | mg/L | | **0.001 mg/L** | | | | | |
| potassium, total | 7440-09-7 | mg/L | | | | | | | |
| selenium, total | 7782-49-2 | mg/L | | **0.01 mg/L** | | | | | |
| sodium, total | 7440-23-5 | mg/L | **200 mg/L** | | | | | | |
| uranium, total | 7440-61-1 | mg/L | | **0.02 mg/L** | | | | | |
| zinc, total | 7440-66-6 | mg/L | **5 mg/L** | **3 mg/L** | | | | | |

| Analyte | CAS Number | Unit | BCDWQG AO | BCDWQG MAC | BCDWQG OG | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Haloacetic Acids** | | | | | | | | | |
| bromochloroacetic acid | 5589-96-8 | µg/L | | | | | | | |
| dibromoacetic acid | 631-64-1 | µg/L | | | | | | | |
| dichloroacetic acid | 79-43-6 | µg/L | | | | | | | |
| haloacetic acids, total [HAA5] | ---- | µg/L | | **80 µg/L** | | | | | |
| monobromoacetic acid | 79-08-3 | µg/L | | | | | | | |
| monochloroacetic acid | 79-11-8 | µg/L | | | | | | | |
| trichloroacetic acid | 76-03-9 | µg/L | | | | | | | |

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

**Key:**

| | |
|---|---|
| BCDWQG | British Columbia Drinking Water Quality Guidelines (JAN, 2020 |
| AO | Aesthetic Objective/Other Value |
| MAC | Maximium Acceptable Concentrations |
| OG | Operational Guidance |

# CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| **Work Order** | : **VA22C8623** | Page | : 1 of 4 |
| Client | : **Village of Harrison Hot Springs** | Laboratory | : Vancouver - Environmental |
| Contact | : Tyler Simmonds | Account Manager | : Sneha Sansare |
| Address | : PO Box 160 495 Hot Springs Road<br>Harrison Hot Springs BC Canada V0M 1K0 | Address | : 8081 Lougheed Highway<br>Burnaby BC Canada V5A 1W9 |
| Telephone | : ---- | Telephone | : +1 604 253 4188 |
| Project | : WTP Nov 2022 | Date Samples Received | : 24-Nov-2022 13:40 |
| PO | : 19017 | Date Analysis Commenced | : 24-Nov-2022 |
| C-O-C number | : ---- | Issue Date | : 02-Dec-2022 16:43 |
| Sampler | : Tyler | | |
| Site | : | | |
| Quote number | : Quote for Harrison Hot Springs | | |
| No. of samples received | : 3 | | |
| No. of samples analysed | : 3 | | |

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
- Surrogate Control Limits

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.

| *Signatories* | *Position* | *Laboratory Department* |
|---|---|---|
| Alex Thornton | Analyst | Metals, Burnaby, British Columbia |
| Caitlin Macey | Team Leader - Inorganics | Microbiology, Burnaby, British Columbia |
| Kevin Duarte | Supervisor - Metals ICP Instrumentation | Inorganics, Burnaby, British Columbia |
| Kevin Duarte | Supervisor - Metals ICP Instrumentation | Metals, Burnaby, British Columbia |
| Paul Cushing | Team Leader - Organics | Organics, 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* |
|---|---|
| µg/L | micrograms per litre |
| µS/cm | microsiemens per centimetre |
| CU | colour units (1 cu = 1 mg/l pt) |
| mg/L | milligrams per litre |
| MPN/100mL | most probable number per hundred millilitres |
| NTU | nephelometric turbidity units |
| pH units | pH units |

<: 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

Sub-Matrix: **Water**
(Matrix: **Water**)

| Analyte | CAS Number | Method | LOR | Unit | Client sample ID | RAW water | Treated water | Peace Park | ---- | ---- |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Client sampling date / time | 24-Nov-2022 08:00 | 24-Nov-2022 08:00 | 24-Nov-2022 08:00 | ---- | ---- |
| | | | | | | VA22C8623-001 | VA22C8623-002 | VA22C8623-003 | -------- | -------- |
| | | | | | | Result | Result | Result | ---- | ---- |
| **Physical Tests** | | | | | | | | | | |
| **alkalinity, total (as CaCO3)** | ---- | E290 | 1.0 | mg/L | | 15.4 | 15.7 | 15.9 | ---- | ---- |
| **colour, true** | ---- | E329 | 5.0 | CU | | <5.0 | <5.0 | <5.0 | ---- | ---- |
| **conductivity** | ---- | E100 | 2.0 | µS/cm | | 44.8 | 48.9 | 49.5 | ---- | ---- |
| **pH** | ---- | E108 | 0.10 | pH units | | 7.42 | 7.45 | 7.45 | ---- | ---- |
| **solids, total dissolved [TDS]** | ---- | E162 | 10 | mg/L | | 50 | 41 | 44 | ---- | ---- |
| **turbidity** | ---- | E121 | 0.10 | NTU | | 0.42 | <0.10 | <0.10 | ---- | ---- |
| **hardness (as CaCO3), from total Ca/Mg** | ---- | EC100A | 0.60 | mg/L | | 18.7 | 18.1 | 18.5 | ---- | ---- |
| **Anions and Nutrients** | | | | | | | | | | |
| **chloride** | 16887-00-6 | E235.Cl | 0.50 | mg/L | | 0.56 | 1.73 | 1.75 | ---- | ---- |
| **fluoride** | 16984-48-8 | E235.F | 0.020 | mg/L | | 0.020 | <0.020 | <0.020 | ---- | ---- |
| **nitrate (as N)** | 14797-55-8 | E235.NO3-L | 0.0050 | mg/L | | 0.0415 | 0.0384 | 0.0360 | ---- | ---- |
| **nitrite (as N)** | 14797-65-0 | E235.NO2-L | 0.0010 | mg/L | | <0.0010 | <0.0010 | <0.0010 | ---- | ---- |
| **sulfate (as SO4)** | 14808-79-8 | E235.SO4 | 0.30 | mg/L | | 5.07 | 5.05 | 5.07 | ---- | ---- |
| **Microbiological Tests** | | | | | | | | | | |
| **coliforms, total** | ---- | E010 | 1 | MPN/100mL | | 2 | <1 | <1 | ---- | ---- |
| **coliforms, Escherichia coli [E. coli]** | ---- | E010 | 1 | MPN/100mL | | <1 | <1 | <1 | ---- | ---- |
| **Total Metals** | | | | | | | | | | |
| **aluminum, total** | 7429-90-5 | E420 | 0.0100 | mg/L | | 0.0371 | <0.0100 | <0.0100 | ---- | ---- |
| **antimony, total** | 7440-36-0 | E420 | 0.00050 | mg/L | | <0.00050 | <0.00050 | <0.00050 | ---- | ---- |
| **arsenic, total** | 7440-38-2 | E420 | 0.00010 | mg/L | | 0.00015 | 0.00016 | 0.00015 | ---- | ---- |
| **barium, total** | 7440-39-3 | E420 | 0.0200 | mg/L | | <0.0200 | <0.0200 | <0.0200 | ---- | ---- |
| **boron, total** | 7440-42-8 | E420 | 0.100 | mg/L | | <0.100 | <0.100 | <0.100 | ---- | ---- |
| **cadmium, total** | 7440-43-9 | E420 | 0.000200 | mg/L | | <0.000200 | <0.000200 | <0.000200 | ---- | ---- |
| **calcium, total** | 7440-70-2 | E420 | 0.100 | mg/L | | 6.41 | 6.18 | 6.35 | ---- | ---- |
| **chromium, total** | 7440-47-3 | E420 | 0.00200 | mg/L | | <0.00200 | <0.00200 | <0.00200 | ---- | ---- |
| **copper, total** | 7440-50-8 | E420 | 0.00100 | mg/L | | <0.00100 | <0.00100 | 0.00148 | ---- | ---- |
| **iron, total** | 7439-89-6 | E420 | 0.030 | mg/L | | <0.030 | <0.030 | <0.030 | ---- | ---- |
| **lead, total** | 7439-92-1 | E420 | 0.000500 | mg/L | | <0.000500 | <0.000500 | <0.000500 | ---- | ---- |
| **magnesium, total** | 7439-95-4 | E420 | 0.100 | mg/L | | 0.659 | 0.640 | 0.650 | ---- | ---- |

## Analytical Results

Sub-Matrix: **Water**
(Matrix: **Water**)

| Analyte | CAS Number | Method | LOR | Unit | Client sample ID | RAW water | Treated water | Peace Park | ---- | ---- |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Client sampling date / time | 24-Nov-2022 08:00 | 24-Nov-2022 08:00 | 24-Nov-2022 08:00 | ---- | ---- |
| | | | | | | VA22C8623-001 | VA22C8623-002 | VA22C8623-003 | -------- | -------- |
| | | | | | | Result | Result | Result | ---- | ---- |
| **Total Metals** | | | | | | | | | | |
| **manganese, total** | 7439-96-5 | E420 | 0.00200 | mg/L | | <0.00200 | <0.00200 | <0.00200 | ---- | ---- |
| **mercury, total** | 7439-97-6 | E508 | 0.0000050 | mg/L | | <0.0000050 | <0.0000050 | <0.0000050 | ---- | ---- |
| **potassium, total** | 7440-09-7 | E420 | 0.100 | mg/L | | 0.611 | 0.573 | 0.598 | ---- | ---- |
| **selenium, total** | 7782-49-2 | E420 | 0.00100 | mg/L | | <0.00100 | <0.00100 | <0.00100 | ---- | ---- |
| **sodium, total** | 7440-23-5 | E420 | 2.00 | mg/L | | <2.00 | 2.08 | 2.19 | ---- | ---- |
| **uranium, total** | 7440-61-1 | E420 | 0.000100 | mg/L | | <0.000100 | <0.000100 | <0.000100 | ---- | ---- |
| **zinc, total** | 7440-66-6 | E420 | 0.0500 | mg/L | | <0.0500 | <0.0500 | <0.0500 | ---- | ---- |
| **Volatile Organic Compounds [THMs]** | | | | | | | | | | |
| **bromodichloromethane** | 75-27-4 | E611B | 1.0 | µg/L | | ---- | <1.0 | <1.0 | ---- | ---- |
| **bromoform** | 75-25-2 | E611B | 1.0 | µg/L | | ---- | <1.0 | <1.0 | ---- | ---- |
| **chloroform** | 67-66-3 | E611B | 1.0 | µg/L | | ---- | 29.5 | 33.8 | ---- | ---- |
| **dibromochloromethane** | 124-48-1 | E611B | 1.0 | µg/L | | ---- | <1.0 | <1.0 | ---- | ---- |
| **trihalomethanes [THMs], total** | ---- | E611B | 2.0 | µg/L | | ---- | 29.5 | 33.8 | ---- | ---- |
| **Volatile Organic Compounds [THMs] Surrogates** | | | | | | | | | | |
| **bromofluorobenzene, 4-** | 460-00-4 | E611B | 1.0 | % | | ---- | 100 | 98.0 | ---- | ---- |
| **difluorobenzene, 1,4-** | 540-36-3 | E611B | 1.0 | % | | ---- | 89.6 | 89.1 | ---- | ---- |

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

fraserhealth Better health. Best in health care.

February 1, 2022

*Water System Operators*

**Re: Metals in Drinking Water – "Flush" Message in Annual Reports**

Fraser Health has recently revised its metals at the tap "Flush" message and we are asking all water systems to please include the following health message with your next annual reports to your users.

***Anytime the water in a particular faucet has not been used for six hours or longer, "flush" your cold-water pipes by running the water until you notice a change in temperature. (This could take as little as five to thirty seconds if there has been recent heavy water use such as showering or toilet flushing. Otherwise, it could take two minutes or longer.) The more time water has been sitting in your home's pipes, the more lead it may contain.***

***Use only water from the cold-tap for drinking, cooking, and especially making baby formula. Hot water is likely to contain higher levels of lead.***

***The two actions recommended above are very important to the health of your family. They will probably be effective in reducing lead levels because most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.***

***Conserving water is still important. Rather than just running the water down the drain you could use the water for things such as watering your plants.***

If you have any questions, please contact our Drinking Water Program at 604-870-7903.

Sincerely,

Drinking Water Program
Fraser Health Authority
HPLand@fraserhealth.ca

# Village of Harrison Hot Springs

## Water Sample Schedule 2023

| Date | Site 1 | Site 2 | Site 3 | |
|---|---|---|---|---|
| January | | | | |
| 3 | 290 Esplanade | 459 naismith | 98 Rockwell Dr | |
| 9 | Beach Washrooms | 526 Driftwood | | |
| 16 | Public Works Office | 973 Hotsprings Rd/Tap | 98 Rockwell Dr | |
| 23 | Peace Park | Community Garden | | |
| 30 | 170 Cedar | 442 Pine | 98 Rockwell Dr | |
| Febuary | | | | |
| 6 | Boatlaunch Washrooms | 843 Myng | | |
| 13 | Echo (Spring Park) | Water Treatment Plant | 98 Rockwell Dr | |
| 20 | 290 Esplanade | 459 naismith | | |
| 27 | Beach Washrooms | 526 Driftwood | 98 Rockwell Dr | |
| March | | | | |
| 6 | Public Works Office | 973 Hotsprings Rd/Tap | | |
| 13 | Peace Park | Community Garden | 98 Rockwell Dr | |
| 20 | 170 Cedar | 442 Pine | | |
| 27 | Boatlaunch Washrooms | 843 Myng | | |
| April | | | | |
| 3 | Echo (Spring Park) | Water Treatment Plant | 98 Rockwell Dr | |
| 10 | 290 Esplanade | 459 naismith | | |
| 17 | Beach Washrooms | 526 Driftwood | 98 Rockwell Dr | |
| 24 | Public Works Office | 973 Hotsprings Rd/Tap | | |
| May | | | | |
| 1 | Peace Park | Community Garden | 98 Rockwell Dr | |
| 8 | 170 Cedar | 442 Pine | | |
| 15 | Boatlaunch Washrooms | 843 Myng | 98 Rockwell Dr | |
| 22 | Echo (Spring Park) | Water Treatment Plant | | |
| 29 | 290 Esplanade | 459 naismith | 98 Rockwell Dr | |
| June | | | | |
| 5 | Beach Washrooms | 526 Driftwood | | |
| 12 | Public Works Office | 973 Hotsprings Rd/Tap | 98 Rockwell Dr | |
| 19 | Peace Park | Community Garden | | |
| 26 | 170 Cedar | 442 Pine | | |
| July | | | | |
| 3 | Boatlaunch Washrooms | 843 Myng | 98 Rockwell Dr | |
| 10 | Echo (Spring Park) | Water Treatment Plant | | |
| 17 | 290 Esplanade | 459 naismith | 98 Rockwell Dr | |
| 24 | Beach Washrooms | 526 Driftwood | | |
| 31 | Public Works Office | 973 Hotsprings Rd/Tap | 98 Rockwell Dr | |
| August | | | | |
| 7 | Peace Park | Community Garden | | |
| 14 | 170 Cedar | 442 Pine | 98 Rockwell Dr | |
| 21 | Boatlaunch Washrooms | 843 Myng | | |
| 28 | Echo (Spring Park) | Water Treatment Plant | | |

# Village of Harrison Hot Springs

## Water Sample Schedule 2023

| | | | | |
|---|---|---|---|---|
| September | | | | |
| 4 | 290 Esplanade | 459 naismith | 98 Rockwell Dr | |
| 11 | Beach Washrooms | 526 Driftwood | | |
| 18 | Public Works Office | 973 Hotsprings Rd/Tap | 98 Rockwell Dr | |
| 25 | Peace Park | Community Garden | | |
| October | | | | |
| 2 | 170 Cedar | 442 Pine | 98 Rockwell Dr | |
| 9 | Boatlaunch Washrooms | 843 Myng | | |
| 16 | Echo (Spring Park) | Water Treatment Plant | 98 Rockwell Dr | |
| 23 | 290 Esplanade | 459 naismith | | |
| 30 | Beach Washrooms | 526 Driftwood | 98 Rockwell Dr | |
| November | | | | |
| 6 | Public Works Office | 973 Hotsprings Rd/Tap | | |
| 13 | Peace Park | Community Garden | 98 Rockwell Dr | |
| 20 | 170 Cedar | 442 Pine | | |
| 27 | Boatlaunch Washrooms | 843 Myng | | |
| December | | | | |
| 4 | Echo (Spring Park) | Water Treatment Plant | 98 Rockwell Dr | |
| 11 | 290 Esplanade | 459 naismith | | |
| 18 | Beach Washrooms | 526 Driftwood | 98 rockwell Dr | |
| 25 | Public Works Office | 973 Hotsprings Rd/Tap | | |