



DRINKING WATER SYSTEM INSPECTION REPORT

Health Protection

SYSTEM NAME: Cowichan Bay Waterworks District
 ADDRESS: 1760 Parenham Rd.
 OPERATOR: Scott Mc Cartney

E.H.O. NAME: Sarah Gilchrist
 POSTAL CODE: V0R 1N1
 SYSTEM NUMBER: 1310839
 INSPECTION DATE (DMY): 24 April 2023
 TIME SPENT (Hrs. - nearest 1/4): 1.25

SYSTEM TYPE (CHECK One)

> 20,000 (DWP) 10,001 - 20,000 (DWM) 301 - 10,000 (DWT) 15 - 300 (DWC) 2 - 14 (DWS)

1 - SERVES PUBLIC (DWQ) 1 HAULER (DWH)

TYPE OF INSPECTION

INITIAL ROUTINE

COMPLAINT FOLLOW-UP

CRITICAL HAZARD

These items relate to Public Health Safety & MUST RECEIVE IMMEDIATE ATTENTION

Microbiological Contamination of Raw Water Supply Due to:

- 301 Flood
- 302 Sewage
- 303 Industrial
- 304 Agriculture
- 305 Other (Specify) _____
- 306 Chemical Contamination of Raw Water Supply
- 307 Contamination of Finished Water - Reservoir
- 308 Contamination of Finished Water - Mains
- 309 Cross-Connection
- 310 Use of Unapproved Source
- 311 Interruption of Treatment
- 312 Inadequate Treatment
- 313 Other (Specify) _____

SANITATION & MAINTENANCE

These items must be corrected within a designated time period

- 314 Improper Maintenance of Distribution System
- 315 Improper or No Disinfection of New or Repaired Main
- 316 Source Unprotected and Subject to Contamination
- 317 Inadequate or Improper Construction of Water Works
- 318 Inadequate Microbiological Analysis Data
- 319 Inadequate Chemical Analysis Data
- 320 Interruption of Treatment
- 321 Inadequate Treatment
- 322 Emergency Response Plan
- 323 Other (Specify) _____

CODE	FINDINGS AND ACTIONS REQUIRED
	- All water is obtained from #1308P and #3P473 #1308P is at half the flowrate to prevent sand infiltration.
	- Chlorine injection point where source water combines
	- Residuals measured with HACH kit 6x a day
	- Secondary treatment only
	- All reservoirs are filled with treated water.
	- Office well and Kidd Well are not connected
	Discussed treatment requirements and decommissioning.
	- Office & Ordano Reservoir contribute to fire suppression.
	- Alarms notify operator if chlorine level fall/rise out of range.
	- Recommended adding ERP to each key location.
	- Logbooks maintained at each site, duplicated by operator logbook.
	Discussed 2022 Annual Report

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At the time of inspection this system has a hazard rating of HIGH MODERATE LOW Issue Permit Conditions of Permit

FOLLOW UP VISIT PHONE Date

RECEIVED BY: emailed PRINT NAME: p. yelgner @ cowichanwater.com E.H.O.: Sarah Millin

