

Water System Report

Inspection Information	
Facility Name:	Gillies Bay Improvement District Water System
Facility Number:	11001
Officer:	Michael Nguyen
Inspection type:	Routine
Inspection date:	March 8, 2018
Follow-up Inspection Required:	No
Hazard Rating:	Moderate

Operation & Maintenance

These items must be corrected within a designated time period.

409 - Total coliform exceedance pursuant to Schedule A, DWPR.

Observation: 12 out of 84 (14%) samples came back positive for Total Coliforms

Correction: A recommendation is set forth to implement your long-term master water plan to provide treatment necessary to eliminate or minimize total coliforms.

Comments

- *A routine inspection was conducted with operator, Ken Taylor - Present were DWOs Michael Nguyen and Dan Glover.*
- *Good sampling frequency in 2017 with 82 bacteriological samples submitted in 2017. A total of 12 were positive for total coliform which exceeds the standard as pursuant to Schedule A of the DWPR.*
- *GBID commissioned a Master Water Plan in 2016 to provide a roadmap for the future. The final report was released in July 2016. Please move forward with this plan in order to provide the necessary treatment for this water system.*
- *Strategies were outlined to meet the standards as per DWPA, Water meters are currently being installed and work is underway. VCH acknowledges this as an effective measure in water system protection and water conservation.*
- *ERCP is up to date, however the reporting structure will need to be revisited in the next couple months due to staff changes within VCH.*
- *An Annual Report has been completed by Ken Taylor and is available to the users.*
- *Disinfection system operation has been optimized and operation of water system is generally very good, despite periodic issues with raw water quality. These raw water quality issues compromise the ability of the water treatment system to effectively disinfect the water.*
- *Ongoing maintenance and flushing of the system are also well managed. Water operator is knowledgeable.*
- *A full chemical analysis was conducted and reported on December 6, 2016.*
- *A water infrastructure planning grant of \$7000.00 was obtained for a water conservation study - GBID is currently working with KWL to put this together.*



Michael Nguyen
DWO