

PIERS ISLAND IMPROVEMENT DISTRICT

Reporting Period:	January to December 2022
Operating Permit Number:	64000500
Drinking Water System Owner:	Piers Island Improvement District
Drinking Water System Contact: Water System Manager Gary Cooney 778 677 6061 watermanager@piersisland.ca	

1 Microbiological testing completed during this reporting period:

- bacteriological results are available from: the Water System Manager.
- adverse bacteriological results:
 - None detected.
 - Listed in table below:

Adverse Results:

	Total coliform	E. Coli	Reason	Corrective Action

2 Chemical results for this reporting period:

- All recent chemical analysis are available from: the Water System Manager.
- chemical parameters listed in *The Guidelines for Canadian Drinking Water Quality ("the Guidelines")* are:
 - all within Guidelines (Quarterly THM's).
 - above the Guidelines and are listed below:

Parameters above the Guidelines:

Parameter	Result	Max. Acceptable Concentration	Aesthetic Objective	Treatment/Corrective Action

3 Summarize additional testing and sampling carried out in accordance with the requirement of a Water Source approval, Written Order or as per the conditions of your *Operating Permit*.

- no additional testing
 additional testing listed below:

Additional testing:

Description of parameter & reason for sampling	Health parameter or non-health related parameter	Corrective action necessary (Y/N?)	Corrective action taken

4 Water Quality Complaints:

During the course of the year, the water system:

- did not receive complaints (i.e., taste, odour, colour, etc.)
 did receive complaints – listed below.

Water Quality Complaints:

Date	Water quality complaint	Corrective action taken

5 Adverse results: Total number of adverse results during this reporting period for insufficient water supply, malfunction of disinfection equipment or elevated turbidity:

- No adverse results
 Adverse results listed below:

Adverse Results:

Incident date	Corrective action	Corrected by

6 Description of the system:

Sources of raw water:

- Groundwater
- Surface water
- Other (specify): CRD from North Saanich connection.

Does the drinking water system have disinfection? Yes No

Disinfection methods (check boxes that apply):

- Chlorination
- Ultraviolet light
- Ozonation
- Other (specify): _____

Does the drinking water system have treatment? Yes No

Treatment type (check boxes that apply):

- Particulate cartridge filters
- Membrane filtration
- Carbon filter
- Sand filtration
- Reverse osmosis
- Other (specify): _____

7 Major expenses incurred during the period covered by the report:

To purchase or install required equipment: \$1,200 (2 curb stops replaced)

To repair equipment: N/A

To replace equipment: N/A

To complete annual maintenance of system: *(system flushing, replacement of carbon filters, etc.)* \$4,700 (lab tests, chlorine, other supplies)

To complete specialist report (specify): N/A

8 Further communication with users:

- a. Indicate how you notified system users that your annual report is available, and is free of charge:

- hand delivered,
- public access via the web,
- notice via government office,
- notice via newspaper,
- notice via bill stuffer,
- notice via other method (specify):

AGM & AGM Minutes , Regular Board of Trustees Meeting
Minutes,Improvement District website

b. Improvements or remedial actions required by the Drinking Water Officer:

- No action required,
- Drinking Water Officer inspection report attached to report,
- Actions required by Drinking Water Officer listed below:

Improvements/Remedial Actions:

Required action	Completion date

Future water system improvements:

- improvements listed below:
- no improvements planned,

Future Improvements:

Future plans	Planned completion date

Emergency Response Plan can be accessed by:

- posting on web
- posting at nearest government office
- contacting system owner
- Other (specify): contacting Water System Manager