

# PIERS ISLAND IMPROVEMENT DISTRICT

Reporting Period:	January to December 2023
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:

- a. bacteriological results are available from: the Water System Manager.
- b. 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:

- a. All recent chemical analysis are available from: the Water System Manager.
- b. 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: 10,000.00 TO Upgrade from the DIC Analyzer to the DCAB Analyzer

To complete annual maintenance of system: (system flushing, replacement of carbon filters, etc.) \$5,200 (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:

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