

**Emergency Response Plan
Pete's Lake Water Users Society
Lasqueti Island, BC**

So, what is an emergency?

- **Loss of supply**
- **Loss of treatment/disinfection**
- **Broken distribution lines**
- **Microbial contamination**
- **Chemical contamination**
- **Anything out of the ordinary, which might impact the safety of the water**

Personnel Contacts

Operator/Maintenance	Barry Churchill	(cell) 250-954-5288
	John Martin	333-8599

Key Operational/Maintenance Volunteers

Doane Grinnell	333-8501; (cell) 250-240-5010
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Volunteers

Society Treasurer	Neil Matheson	250-1-595-8183; 250-240-8183
Society Secretary	Jayn Tyson	333-8687; 250-507-9252
Admin support	Terry Theiss	333-8501

Emergency Contacts

Ambulance/First Responders/Medivac	250-248-3511
Fire	250-954-4432

Primary Medical Health Officer	Dr. Paul Hasselback	250-739-6304 1-800-204-6166
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Island Health Environmental Health Officer	Elizabeth Thomson	250-947-8222
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Island Health Drinking Water Consultant	Lynn Magee	250-370-8699
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Public Health Engineer	Murray Sexton	250-755-6293 (After hours) 1-800-204-6166
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Ministry of Environment	(for reporting spills or emergencies)	1-800-663-3456
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Highways Maintenance	Mainroad Contracting	250-751-3246
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Excavation Services	Don MacDonald	333-8757
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Phone Tree Initiators	John Martin	333-8599
	Lisa Johnson	333-8727
	Jayn Tyson	333-8687

Emergency Action

Fuel Spills or Contamination at Lake

A Spill Kit is located at the Society's facilities at Pete's Lake.

Action

- Contact Pete's Lake maintenance/volunteer personnel.
- Barry Churchill (John Martin) to shut off system as soon as possible by closing intake valves at the Lake and at the two lower manifolds.
- Barry Churchill to attach "**Do Not Use the Water**" notices at designated areas.

Follow up

- Lisa Johnson/Jayn Tyson to initiate contact of members via the phone tree system.
- Jayn Tyson to contact Drinking Water Officer and other appropriate persons.
- John Martin to coordinate repairs, clean up, water sampling and system start up.
- Identify and correct source of contamination.
- Begin clean-up/flushing of lines as required.
- Send water samples to accredited laboratory for testing.
- Resume water supply only if approved by Drinking Water Officer.
- Review incident, determine changes/improvements for procedures to reduce future risk.

High Turbidity, High Bacteria Count

If we see a significant increase in bacterial activity, either from the Island Health tests, or our own testing audit(s), we will inform the membership, recommend increased caution in addition to standard practice, and investigate to see if we can identify the cause and take remedial action.

Action

- Contact Pete's Lake maintenance/staff/volunteer personnel.
- Barry Churchill or John Martin to shut off system as necessary by closing intake valves at the Lake and at the two lower manifolds.

Follow up:

- As noted above.

Loss of Pressure/Line Break

Action

- Contact Pete's Lake maintenance/staff/volunteer personnel.
- Barry Churchill/John Martin to shut off system by closing intake valves at the two lower manifolds and, if necessary, at the Lake.
- Locate problem and repair.

Follow up:

- As noted above.
- Contact Pete's Lake maintenance/staff/volunteer personnel.
- If lake level is low, Board of Directors to begin rationing/restriction procedures.
- Take necessary action to ensure suction is maintained.
- Phone Tree Initiators to contact members using Phone Tree.

NOTE:

Due to being off the grid, the Pete's Lake system (i.e. no power, no pumps, no filtration/purifying system) no other emergencies such as power failure, pump failure or chlorine leaks are applicable.

General Procedures

Tools and spare parts/pipe are kept by Barry Churchill.

Each of the two lower manifolds, have shut-off valves on their incoming pipes. These should be closed first, whenever possible.

Two upper shut-off valves are located at the Lake, below the dam, at a distance of approximately 50 meters from the Lake on the west side of the road. They are to be shut off for any emergency, which requires isolating the system from the lake.

Copies of this Emergency Response Plan are to be distributed to all members, and posted at the school, post office, and with Island Health representatives.

Alternative Water Supply

In the event of a loss of supply or contamination, each Pete's Lake user will be required to have sufficient alternative water supplies on hand and ready to use. Each user, therefore, is requested to collect and store an adequate amount of water to be used during emergency situations.