



PIID Water Trustee's Report

February 2019

Winter has finally come. As you can imagine there are steps that the water team take to ensure the safety of our water system in cold weather. They have been refined over time and include:

- Draining the water gauge at the water tank
- Plugging in heat tape on tank valve
- Confirming that heat is on at Pump Houses #1 and #2
- Cracking bypass valve at night to keep a small amount of water running in lines from Lands End Road to our system

Thanks to Maureen Crooks and Cam Russell for their efforts. Of course, it is wise for landowners to also take care to protect their own distribution system from freezing.

As a summary of activities to date this year and an attempt to describe 2019 plans please see the minutes of our recent Water Team Meeting.

January 22, 2019 Water Team Meeting Minutes

Attended: Chair: Charlie Troger, Members: Bob Crooks, Maureen Crooks, Bill Jordan, Mary Jordan, Colin Robertson, Cam Russell, Philippa White, Conrad vander Kamp.

Water Quality and Testing Update

The water operators were able to report excellent test results for the last year. Details are stored and available to any landowner.

Upcoming Projects

- The team is planning on placing another 15 backflow preventers in 2019. Owners will be advised if their home is on the list. Again, if any owner is willing to excavate around their water service themselves, we can possibly add to the number budgeted. **Contact the Charlie Troger, Water Trustee if you are interested.**
- **Action:** Charlie Troger and team
- Some of the older valve boxes have covers that are deteriorating. We will be checking covers and replacing as necessary.
- **Action:** Bob Crooks and team
- The curb stop valves (the valves used to shut off the water for each residence ahead of the meter) in our water system are very hard to open and close. We are experimenting with ways in which to secure the valves and the plastic pipe attached to each side.
- **Action:** Charlie Troger and Bob Crooks
- We have one curb stop valve to replace. This will require us to shut off a portion of our distribution system. Owners will be advised.
- **Action:** Charlie Troger and team

Action Items from Emergency Program / Water Department Table Top Exercise

- Ongoing efforts to communicate with landowners regarding the importance of knowing contact information for all Water Team members.

- **Action:** Team - Ongoing
- Contact BC Ferries to remind them of our underwater lines in Colbourne Passage and request that their emergency anchoring procedures consider the danger to our water, power and telecommunications underwater lines from an anchor dragging.
- **Action:** Charlie Troger – complete
- Install water pressure sensor and alarm on incoming underwater lines at pump house #1.
- **Action:** Water Team - ongoing.
- Provide “No Anchoring” signage at the Piers Island Government Dock and on the pilings of a private wharf.
- **Action:** Charlie Troger – ongoing

Water Tank Replacement project update

- Report from Charlie Troger, Bob Crooks, Bill Jordan and Colin Robertson:
On January 22, 2019, the Water Tank Select Committee issued an RFP to retain the services of an engineering consultant to assist with the water tank replacement project. The RFP requested assistance in determining tank material and size, seeking a supplier, engineering the system, confirming the budget and managing the project. The RFP closes on March 12th. We look forward to choosing the successful consultant and getting detailed work underway. On February 19th the select committee hosted a site visit for consultants.

Emergency planning with Fire Department

- We are currently in discussion with the PIVFD to determine the appropriate actions for the water team in the event of a major fire. The objective is to ensure that the firefighters have the maximum necessary water pressure available.
- **Action:** Maureen Crooks, Steve Cruise and Charlie Troger – ongoing

Annual / Routine Maintenance Activities

- Service air valves.
- **Action:** Charlie Troger, Ander Wynne – Edwards.
- Flush undersea lines and ring line.
- **Action:** Water team in coordination with North Saanich
- Generator checks.
- Action: Colin Robertson PH2 – ongoing. Cam Russell PH1 – ongoing.
- Bushwack around water tank, pump houses, air valves, dry hydrants and standpipes.
- Action: Cam Russell and the Monday Morning Work Crew.
- Operate and secure curb stop valves.
- **Action:** Bob Crooks and Charlie Troger
- Service golf cart.
- **Action:** Jim Merritt

- Service chlorination system.
- **Action:** Maureen Crooks and Darren Scheuer.

- Service valves, strainers in PH1 and PH2.
- **Action:** Bob Crooks, Charlie Troger and Ander Wynne-Edwards

- Maintain, update and report on consumption and quality of water.
- **Action:** Maureen Crooks - ongoing

- Test and report on status of underwater lines.
- **Action:** Cam Russell - ongoing

Miscellaneous Action Items

- Install fire extinguishers in both pump house #1 and Pump House #2.
- **Action:** Maureen Crooks

- Arrange a presentation to landowners regarding options for emergency water sources in the event of water system failure.
- **Action:** Charlie Troger

- Arrange a presentation to landowners regarding water restrictions during a fire event and significant sections of the revised Water Bylaw.
- **Action:** Charlie Troger

Submitted by Charlie Troger
PIID Water Trustee