



PIID Water Trustee's Report

October 2017

Since our last PIID Trustees' meeting the water team has been busy. As you will all be aware, we have just completed a thorough cleaning of the water tank. The cleaning went well with the assistance of a large group of dedicated volunteers. As we warned in our reminder e-mails, the higher water pressure that occurs when the water tank is taken out of service and our water comes directly from the underwater lines raised the risk that there would be issues for property owners if they had any sub-standard plumbing connections. It is like a free plumbing system pressure test! In fact, one of our cleaning day tasks was to send out two teams of volunteers to inspect all water meters and determine whether there were any leaks. We discovered eight small leaks that were reported to owners and there were subsequently three more properties that 'sprung a leak'. At least they were all discovered quickly and repaired without incident.

Water Quality

Prior to placing the water tank back in service, the water in the tank was super chlorinated, then diluted, and finally, the tank water tested by our team and an outside lab. Currently our water quality is excellent. Chlorine levels are acceptable, and no coliforms are present. Chlorine levels from the GVRD are lower now than they were this summer but are still at very acceptable levels.

Maintenance Activities

- Clearly identified both underwater lines with GPS coordinates, from the boat ramp to well beyond the government dock. This information will form part of our water system permanent documentation.
- Placed a large '**No Anchoring**' sign at the head of the Piers Island boat ramp.
- Coordinated the move of a mooring anchor block that was in close proximity to the water line to a safer location.
- Under direction of a contractor, performed annual maintenance activities on our Pump House 2 chlorination system.
- Continued painting exposed hardware associated with our water line (standpipes etc.).
- Cleaned the water tank.
- Cut a drain port into the base of the water tank to ease the cleaning process.
- Ongoing testing of the air valves.

Water tank cleaning

The water tank cleaning project started weeks before the cleaning took place. A procedure describing the steps was created and reviewed to be sure everyone understood the scope of the project. Meetings were held with the maintenance crew and the water operators to confirm tasks, dates and responsibilities. Materials were purchased, and tools rented as required. Food for volunteers was organized and provided for the cleaning day. Set up activities were completed a day ahead so the focus on Saturday could be cleaning.

Over a dozen volunteers showed up on tank cleaning day and shared the tasks such as catering, meter checking, scrubbing and washing.

In the days following the cleaning, we had the tank inspected and reviewed by three contractors to explore the viability of coating or lining the tank to extend its life span.

My thanks go out to the many volunteers who made the tank cleaning so successful. A hopefully complete list of those who assisted includes: Conrad van der Kamp, Doug Turner, Jake Clark, Gloria Morson, Jacquie Troger, Kathleen Troger, Lyndon Yee, Lloyd Phillips, Phillipa White, Mary Jordan, Velvet Warrior, Bob Crooks, Maureen Crooks, Ander Wynne-Edwards, Colin Robertson, Meredith Robertson, Gary Glover, Deneen Cunningham, Gordon Alexander, Greg Miller, Cam Russell, Kerry Keats and John Hall.

Select Committee

The Select Committee to review major infrastructure requirements will meet shortly. The information received from contractors who inspected the tank will form part of our deliberations.

Upcoming projects

- Place protective tarp on sunny surface of water tank to moderate temperature of wood surface and limit warping.
- Monitor the move of one more anchor block that is too close to our water lines.
- Place ten backflow preventers and owner shut off valves as part of a long-term project to renew all shut off valves and install backflow preventers.
- Annual meter readings to be undertaken Monday October 23rd.

Last thoughts

We are always busy, and we can always use help. If you are only here for a few days let me know and I will find you a job compatible with your schedule.

*Do **you** have some spare hours?*

Give me a call!

Charlie at 250.213.1459



**Thank you volunteers for your time and energy on water tank cleaning day.
We couldn't have done it without you!**

Submitted by Charlie Troger
PIID Water Trustee