



PIID Water Trustee's Report

February 2020

OK, where is everyone? I am fairly certain that some weeks in January the only people on the Island were the Water Team. My thanks, as always, to our willing volunteers. The need for testing and maintenance checks continues 52 weeks a year and you always come through.

Water Quality and Testing Update

The Water Operators are able to report continuing excellent lab test results. Details of regular test results are stored by the CRD and on our web site and are available to any landowner.

Recent Activities

- The 'Pump House Three storage area' project is now complete and ready for utilization. We will wait until we are able to upgrade the access road before amalgamating materials and stocking the shelves.



- The 'Pump House Two back- up generator and transfer switch' project is now complete. Fortunately, we have had a quiet winter and it has been unnecessary to put the system into operation.

Upcoming/ongoing Projects

- Install No Anchoring signs.
- Replace rotten valve box covers.
- Test air valves on ring line.
- Edit water system documentation including system descriptions, governance, operational procedures and emergency procedures
- Routine maintenance on water team golf cart.

Anyone willing to volunteer a few hours of time on water team projects? The top three projects above have been upcoming for some time and could be easily completed.

Routine Maintenance Procedures

- Weekly water tests.
- Underwater line testing.
- Visual inspection of tank and pumphouses.
- Emergency generator maintenance.
- Service air valves.

Water Tank Replacement Project

Our progress to this date has been immeasurably aided by the assistance of the Water Tank Select Committee. Thank you to the members of the team: Bob Crooks, John Hall, Bill Jordan, Colin Robertson and Ander Wynne-Edwards. For this phase of the project we have seconded Julien Bahain to the project, and he is lending his knowledge and experience of the bidding process and tenders to our team.

The re-named 'Water Tank Installation Support Select Committee' met to discuss the upcoming tender in December. The focus of the meeting was to define ways in which we could provide responding vendors with all the assistance and site-specific information necessary to allow them to put forward an informed and competitive bid. It was agreed that despite there being people on-island who might be able to complete installation activities, these activities all need to be managed by the successful vendor in order to reduce and manage risk. At our bidder's conference we will introduce the vendors to some resources that, if utilized, might help to control costs and expedite the project completion.

Since early January our team has been working with Stantec Consulting to define the technical requirements of the replacement tank and develop specific drawings that illustrate our requirements. That has now been completed and as of February 13, 2020, the tender has been issued by Stantec Engineering. Some upcoming critical dates include:

- Vendor site visit: February 27, 2020
- Tender closes: March 19, 2020
- Town Hall Meeting to review with landowners: March 28, 2020 at 10:30. Location - Piers Island Fire Hall

I can report that we were successful in our Grant Application for the water tank. **We have had \$50,000 deposited in our Water Tank Project account.**

We are working on a few small projects that will help the initial site visit and subsequent installation be as efficient and economical as possible. These projects include:

- Installation of tower to mount siren: In progress
- Installation of lean-to shelter to act as 'valve box': Drawing done, permission granted, construction scheduled
- Re-routing of underground hydro line: In progress
- Re-routing of communication cable: In progress
- Removal of trees at perimeter of replacement tank site: Complete
- Grading of site: In progress

Submitted by:
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PIID Water Trustee