

PIID WATER TRUSTEE'S ANNUAL REPORT

2020/2021

The pandemic continued into 2021 and presented Piers Island with several challenges. The Water Team Volunteers did not miss a beat and continued with their roles in providing Piers Island with world class quality water.

Water Tank Project

All our successes are a direct result of the efforts of the previous Water Trustee Charlie Troger and a large group of volunteers. Numerous tasks from Islanders volunteering to taxi the Contractors: Greatario, Stantec, Emery Electric, Ryzuk Geotechnical to the site each day, endless communication supporting our consultant and contractor, and numerous other tasks ensured we got the job done.

We went from this:



October 26, 2020



November 2, 2020

To this: January 22, 2021 – Quite an achievement!



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The new water tank went online in February 2021 and the original wood Stave tank was decommissioned and retired. Deconstruction of the wooden tank is slated for August 19th, 2021.

Attached is the Financial Report completed by Brent Schorr our Financial Administrator for PIID. I can discuss the report if there are any questions.

The Committee for the Water Tank Project is dissolved. I would like to thank all the volunteers that participated and contributed to the success of the project. Numerous volunteers contributed their time, expertise, equipment, boats for transporting contractors, and support to reach the finish line. Several volunteers have left the island and we hope to have them back when we are able to have a celebration at the Water Tower site.

ONGOING PROJECTS

Water Team Transition

As previously mentioned, Bob and Maureen Crooks retired from the Water Team. Both wanted to "retire" and spend more time with family. Their contribution to the development and management of the Piers Island water system is immeasurable. They both remain as advisors, so we will continue to tap into their vast knowledge. Thank you, Bob & Maureen.

The Water Team is reviewing all the tasks that need to be assigned and completed by a volunteer. There are over 40 tasks that have been identified that need completion during various times of the year. From weekly water samples, chlorine tank fillings, measuring and monitoring equipment, air valve servicing to annual reports. Two binders are near completion for the water team to use as a resource and will be kept in PH#1 and PH#2.

Standpipe repairs

The standpipe at the Fire Hall failed and is currently under repair. Fortunately, it broke in the closed position. We were able to determine the cause of the break down and will need to check the other 20 standpipes to ensure we will not encounter similar issues.

September 3rd Update.

Al Warrior welded a new and improved metal tee on the handle that will last for years. Thank you, Al. Fresh concrete was poured, and the standpipe is now back in action.

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As stated in my previous report, some of the remaining standpipes may be compromised. The use of dissimilar metals, inadequate stem to turn tee, and incorrect size of key may cause further breakdowns.

If we discover further problems with the standpipes, we will start a new project. We will require some heavy equipment to break up concrete and dig up rocks and earth to reveal the pipes and connection. We estimate 5-8 hours per standpipe plus supplies to replace parts. The water team purchased a camera with a long attachment which will allow us to check out each standpipe for wear and determine if they need replacement.

Deconstruction of Wood Stave Tank

The deconstruction is slated to begin on August 19th. DL Bins was the successful contractor and will disassemble the water tank with the intention of saving as many pieces of the yellow cedar as possible. I hope to take drone footage of the event for future Islander viewing.

August 30th Update

David from DL Bins was able to safely demolish the wooden water tank. The entire mound was levelled and packed down and is now very usable space. The work was completed August 21st on time and on budget. A short video was placed on the Piers Island web site by Pauline for your viewing.

We were able to save the 23 creosote beams which were in very good condition. They were distributed to Islanders that put their names forward. Recipients drew a card, with high card having first choice. A Donation to Piers Water by Steve Thornton, Allan Warrior, Mike Smart, Bob Crooks, Brian Warrior, Lenny Green and Allan Bryce will help cover the costs of demolishing the water tank.

We were able to save approximately 145 2 ½" by 5" T & G yellow cedar planks which were on the outside and 45 yellow cedar planks connected by dowels from the floor.

I have received interest from approximately 18 Islanders wanting to share in the wood. Many are compromised by rot, and many will need to be planed and trimmed. The price will be approximately **\$20 each** to help recover the additional cost required by DL Bins to save them while demolishing and removing the remainder of the tank.

We will try and have the wood sorted out by the middle of September and will likely use the same method we did with the creosote beams. It gives everyone a fair chance to get wood. I will be sending out an email to all those that expressed interest. If anyone not on the list wants to be included, please email me.

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Water Quality

We have several very qualified Water Operators that keep testing and measuring our water quality. Thank you to Katie Steenman, Philippa White, Ming Huey Pawlik, and Velvet Warrior. Gary Cooney and Garth Irvine are in training. Colin Robertson, Ander Wynne-Edwards, Allan & Brian Warrior, Barry Tate, Gary Glover, Cam Russell, and Steve Thornton continue to help when called into service.

Without dedicated Volunteers our Water program would not be effective. In 2020/2021 volunteers Mary & Bill Jordan, Charlie Troger, Lloyd Phillips, Bob & Maureen Crooks have either left the island or reduced their volunteer services.

We need new members to join the water team. *There are numerous tasks that we always need help with, annual flushing of system, annual meter reading, generator maintenance, checking of systems including standpipes, water operators etc. If you can help, please contact a member of the water team for more information.*

As with other Water Trustees I am attending BCWWA conferences and information sessions to better understand Small Water Systems. Our system is uniquely different as we receive high quality water from the North Saanich and by maintaining our infrastructure and distribution system, we continue to offer the same high quality.

The CRD water restriction notice was sent out to all Islanders and is in effect until September 30th.

Thank you for your continued support.

Monique Joubarne

PIID Water Trustee

September 4th, 2021