

SSID AGM- April 2018 Operations Report

Intro:

Hello All,

For those that don't already know me my name is Courtney Robertson and I've been with Savary Shores for approx. 1 year now as Operator. My primary duty as an operator is to ensure a safe and continuous supply of drinking water and to meet permit requirements with Vancouver Coastal Health.

General Operations and Maintenance items carried out in past year:

- Service all fire hydrants in system, with pressure testing and reports
- Repair to cedar way standpipe
- Service all gate valves in system, note seized valves and list for repair
- Incorporate security logs at pump house, generator shed and tank farm
- Complete inventory of maintenance and repair items with restocking
- Repair alternating switch for pumps at pump house. Reconfigure alternating switch to AFTER the time delay from generator
- Remote Operated Vehicle (ROV) inspection of interior of reservoir tanks, with full reports by Seaveyors Environmental and Marine Services, their finding was that there is a small amount of minor blistering of paint around active pumping levels, something to keep our eyes on in the coming years. Other than that, the tanks are in pristine condition, keeping our water supply safe.
- Complete chlorination flush of system, due to occur each spring
- Set maintenance program and schedule with Mike Russell of City Motors for duty and standby generators.

Upcoming:

- Repair meter bases at lots 130 and 213, spring 2018
- Excavate and repair seized and stiff gate valves (7) Fall 2018
- Address and correct fire hydrants (3) that have drainage issues
- Continue with SCADA research (supervisory control and data acquisition) with remote security alarms

Water Consumption Report 2017:

- 5,792 Cubic Meters pumped to reservoirs
- August 8, we peaked at 78.37 Cubic meters in 24 hours, pumped at a flow rate 36.4 gpm
- Our generator consumed 1,799 litres of diesel fuel.
- Overall in 2017 we experienced 9% reduction in water use with 164 active connections. With no major leaks found. This shows our residents are being conscientious of their water use and all deserve a pat on the back, well done.