SSID
Savary Shores Improvement District

AGM — Tank Report

• The upper tank may need replacement in 15 years from now, in 2040, meaning SSID will have to have enough funds on hand at that time to install a new tank.

• A tank inspection in 2023 indicated the bottom plates of the tank had a problem area that had corroded to less than half its original steel thickness. There was also some less deep corrosion over the rest of the bottom plates.

• The corrosion was removed, and the corroded area treated with a rust inhibitor and rust paint.

• A second inspection in June this year determined that the corrosion appeared to have been arrested, and the tank should last 15 years or more.

• Regardless, every 5 years, a tank inspection is required. At the next inspection in 2030, the inspection should include an engineer's opinion on the problem spot that had lost 50 percent of its thickness, to see if it has changed.

• At the 2030 inspection, the engineer could say all is still fine, in which case the tank would still have 10 years remaining.

• If, in 2030, or at any other inspection date, the problem area has corroded further, the plate may need to be repaired again, this time with a steel epoxy compound. The repair would require a team, either on scaffolding or ropes.

• At the 2040 inspection, 15 years from now, the tank might still be fine, and we would keep it in service, with continued 5-year inspections.

• If, in 2040, the inspection finds the tank no longer viable, a new tank will be needed. It is expected that the new tank would have to be on ground rather than on the 55-foot steel tower. An on-ground 10,000-gallon tank with a battery bank and solar is estimated to be $1.5M in 2040. **To save for that possible replacement, a special assessment would be $400/lot/yr x 15 years from 2026 to 2040.**

Box 176 Lund BC V0N 2G0 604-414-8448 administrator@savaryshoreswater.ca savaryshoreswater.ca