



Englishman River Water Treatment Plant Operations JANUARY UPDATES

Update #1 February 2022



Membrane Module Cleans
Before & After Conditions

- Contractor (H2OI) was onsite from November to February to perform membrane cleaning. New technique and recipe were created to isolate and address membrane modules with major debris. So far, we have received good results. The final performance test with the contractor will be completed once this process has been optimized.
- The sulfuric acid system will be out of service for few months until a new line is installed. This is due to a material incompatibility and will be completed under warranty. Staff completed deep cleaning of the tank and disposed remaining chemical to ensure a safe work environment. This has not impacted our water production or water quality.
- Shelving units purchased and installed in preparation for spare part orders.
- Geobag interior equipment and bags arrived.
- The Dam Safety Review request for proposal was issued and posted on BC Bid and the City's website. The Province extended the final report submission due date to 2023 so the study can refer to the upcoming new regulation (expected to release mid 2022).

UPCOMING

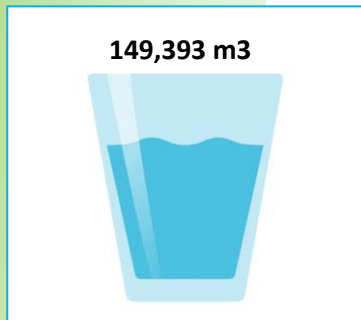
- Confined space assessment and procedure for the second stage tank to be completed. Refresher training, program review and a tour with the Fire Department is scheduled to ensure our response and rescue program is up to date. This will also assist us with pre-planning where required.
- The Geobag dewatering system interior construction is starting in February or March, delayed due to material delivery which impacted the contractor staffing and scheduling.
- 2022 projects review and kickoff for Preventative Maintenance Program, Critical Spare Parts Inventory, Railway Crossing, Five Year Fish Monitoring Program, Intake Structure Safety Fencing, and Dam Instrumentation and Security Upgrade are all underway.



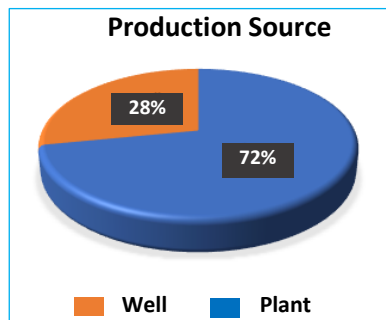
Watershed and Dam Level Update

- Arrowsmith Lake Dam is **full**, cresting as expected. Snow pillow (snow water equivalent) depth is at 755mm.
- Consumption was approximately 16% higher than those in January of last year.

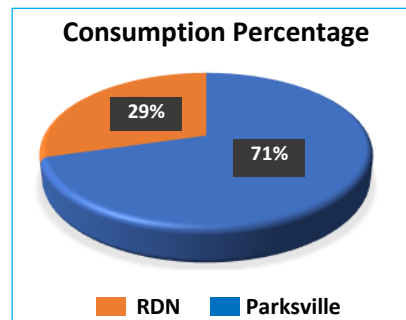
Monthly Production and Consumption Facts



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages

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