



Update #5
June 2022



Membrane Air Compressors



Pre and Post-Geobag Samples

Englishman River Water Treatment Plant Operations

MAY UPDATE

- Routine service and improvements were completed for the finished water chlorine sample line, coagulant, and sodium hydroxide chemical skids. Replumbing and testing were completed to confirm and improve system efficiency.
- Turbidity meters for the five-year fish monitoring program were purchased. electrician, SCADA programmer, and biologist technician visited the site in preparation for the installation of the instruments at the intake in July.
- Ongoing lab water sampling and testing was conducted for the Geobag system to ensure it meets regulatory requirements.
- Membrane air compressors were serviced as per the preventative maintenance program.
- Design and survey work for the railway crossing project is in progress with the construction scheduled for fall/winter of this year. The work is carried out to facilitate continued access to the river intake.

UPCOMING

- Contractor will service and calibrate analyzers and lab equipment to ensure accuracy and reduce equipment downtime.
- Valves at the dam will be opened in the upcoming weeks to supplement the river level when required.
- Project start-up meeting and field assessment for the dam safety review work is set for July.
- To increase efficiency and effectiveness, SCADA programming and system optimization will commence to allow the plant to run continuously.

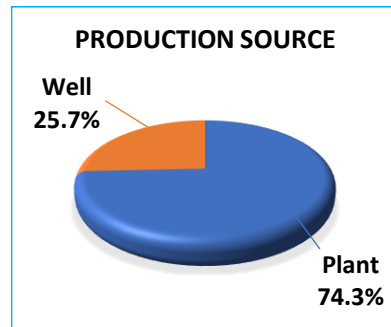
WATERSHED AND DAM LEVEL UPDATE

- Arrowsmith Lake Dam is **100% full**.
- Snow pillow (snow water equivalent) depth is at 1000mm, well above the five-year average. Snowpack melt has been delayed two to four weeks due to cooler weather in April and May.

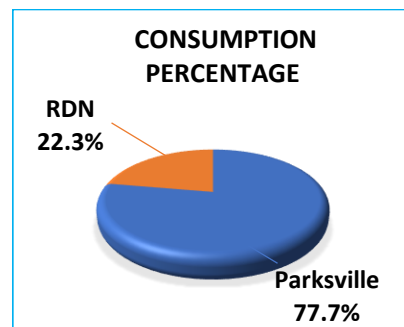
MONTHLY PRODUCTION AND CONSUMPTION



Parksville wells and ERWS totals



Parksville wells and ERWS totals



Well water not included in percentages