



Englishman River Water Treatment Plant Operations

**Update #6
July 2021**

JUNE UPDATES

- Onboarded new temporary process/chemical engineer, Sean O’Toole. In working with our in-house experts, expedited the sodium hydroxide safety upgrade and amended the SCADA settings to reduce nuisance alarm callouts.
- Flush water line for the raw water pump seals installed with testing and commissioning estimated the week of July 5.
- Geobag dewatering system design at 65% complete. Reviewed the polymer skid location (inside the plant) and dosing control narrative.
- Secondary stage tank cleanout has been completed with membrane cleanout to follow.
- Temporary fans have been installed to provide additional ventilation during the heat wave to prevent equipment from overheating.

UPCOMING

- Geobag dewatering system design to be 95% completed by July end. Utilizing summer construction season, the lay down area and associated piping outside the plant will be constructed first.
- Secondary stage membrane residuals to be flushed out and thereafter, bring the secondary stage online. This will increase the water treatment efficiency to 99%.
- Intake structure to be cleaned of sand and debris buildup while the river level is low.
- Continuing our review of the SCADA system and equipment to determine the plant needs, efficiencies and how best to continue to deliver quality water.



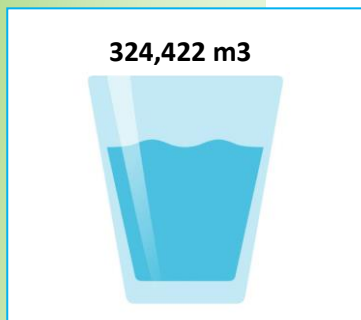
New Flush Water Line Equipment

Watershed and Dam Level Update:

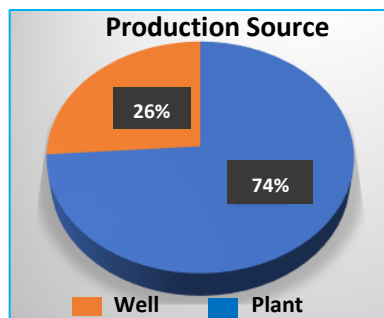
- This year’s snow pillow depth (Gauge 3B26P) is higher than average; however, the expected amount of snow has melted.
- Arrowsmith Lake Dam is at **99.6% full**.



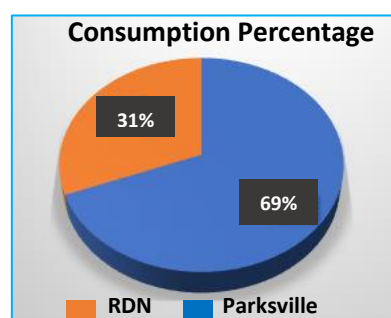
Monthly Production and Consumption Facts:



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages

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