



Englishman River Water Treatment Plant Operations

Update #8
September 2021

AUGUST UPDATES



Sulfuric Acid System

- Intake structure cleaned to clear sand and debris in preparation for fall and winter seasons.
- Sulfuric acid piping and valves removed and cleaned. A portion of the system will be replaced with improved piping material to reduce maintenance.
- Sodium hydroxide improvements completed.
- Critical spare part list developed - items to be purchased before the plant warranty expires to build redundancy and minimize downtime.
- Major SCADA programming improvements completed to enhance efficiencies during operations.
- Englishman River five-year Fish Monitoring Program Request for Proposal issued with closing end of August. Evaluation and recommendations to follow.

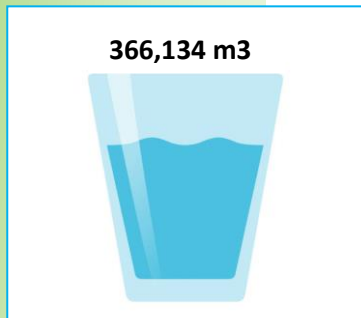
UPCOMING

- Operations and capital budget review to be completed in September.
- Fall protection safety training for operators scheduled in early September.
- SCADA list of alarms and callouts to be implemented. Response time was reviewed with operators to ensure adequate time is provided before reaching low or high alarm levels.
- Geobag dewatering system construction to commence in October.
- Arrowsmith Dam Safety Review Request for Proposal to be issued in November with the works to follow next year (complies with legislative requirements).

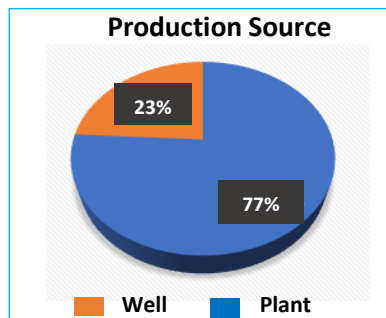
Watershed and Dam Level Update

- The region is under a Stage 5 drought level, most severe drought level in the province: new normal. As per provincial information, areas with water storage can set their own water restriction levels.
- Dam and river water levels monitoring efforts continue to ensure adequate flow in the river for water consumption, fire protection and fish habitat.
- Arrowsmith Lake Dam is at **57.6%** full, approximately 5.5% below average. Highest day production was August 13 at 11.4 mega litres per day: below maximum production capacity.

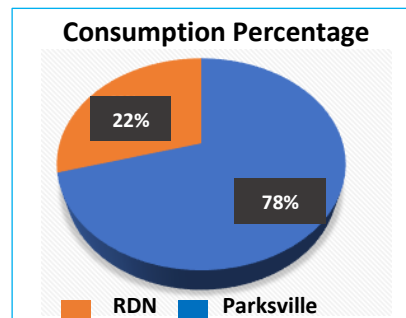
Monthly Production and Consumption Facts



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages

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