



Englishman River Water Treatment Plant Operations

JULY UPDATES

Update #7
August 2021



Treated Water, Routine Lab Sampling

- A non-City incident near Herring Gull Way and Franklin's Gull Road took down BC Hydro poles and cables causing power outage that lasted ~24 hours. Plant generator power was brought online and able to meet water demands.
- Sodium hydroxide backup pump reinstated to build redundancy to the system that had been out of service since February 2020.
- Analyzers (pH, UV, turbidity) calibrated, cleaned and serviced this month. pH analyzer transmitter wiring will be replaced to improve system monitoring.
- UV reactors cooling loop reviewed and corrected to improve plant start-up (cycle). In the process of confirming solutions with the manufacturer.

UPCOMING

- **FAQ** website page to be created to collect and address inquiries relating to our water system.
- Geobag dewatering system design to be 95% completed by early August.
- Intake structure to be cleaned from sand and debris.
- Sulphuric acid tank level indicator to be installed along with system programming to enable the pump to start/stop remotely during chemical transfer. This upgrade will significantly improve safety for our operators.
- Regulatory required Englishman River five-year Fish Monitoring Program Request for Proposal to be issued.

Watershed and Dam Level Update:

- Dam and river water levels are monitored daily to ensure adequate flow in the river for water consumption and fish habitat.
- Arrowsmith Lake Dam is at **84.2% full** marginally below average

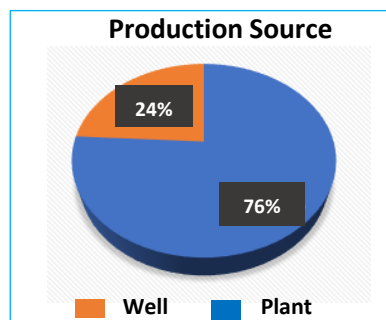


Intake River Level

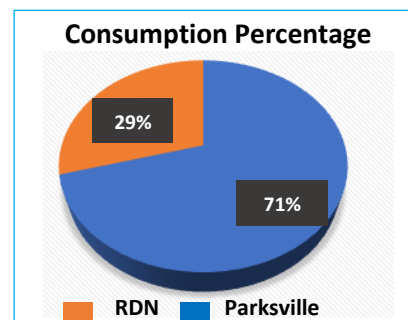
Monthly Production and Consumption Facts:



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages

Heidi Cao, P.Eng.
Project Engineer
City of Parkville