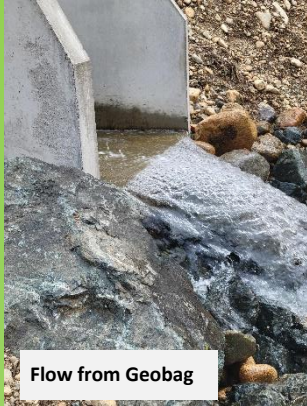




Update #4
May 2022



Englishman River Water Treatment Plant Operations

APRIL UPDATE

- Island Health Officer was on site for the yearly routine site inspection and check-in with staff.
- 15,000L of sodium hydroxide were transferred to another tank to complete maintenance on the tank liner.
- Staff installed a sump and drainage path outside of the raw water pump station to convey flow from the sand separator discharge pipe to the outfall. The work was completed to improve safety.
- Deep cleaning of the strainers was completed to improve system performance.
- Geobag project is now in operation. Testing, commissioning, and training is complete. Staff continue with daily and weekly monitoring and lab testing to confirm the system performance.
- Plant generator power was brought online due to power outage in April. The on-call staff were onsite to ensure the plant was fully functioning and able to meet the demands.
- Water samples taken and sent to a specialized lab for detailed analysis on the cryptosporidium and giardia. This is routine work required annually on the raw and finished water as per the provincial regulation.

UPCOMING

- Instrumentation and lab equipment service contracts are due for review and renew with vendors.
- Staff are reviewing and implementing summer operating conditions where the river conditions are consistent.
- The air compressor equipment is scheduled for full service.
- Turbidity meters for the five-year fish monitoring program will be purchased and installed in July.
- The Dam Safety Review Project will commence in May



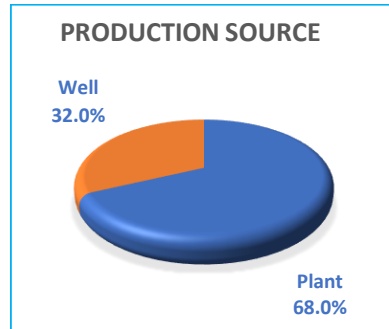
WATERSHED AND DAM LEVEL UPDATE

- Arrowsmith Lake Dam is **full**, overspilling as expected for this time of the year.
- Snow pillow (snow water equivalent) depth is at 1200mm, above five-year average and mainly from the recent snowfall events in April.

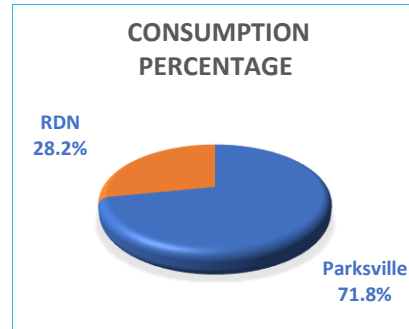
MONTHLY PRODUCTION & CONSUMPTION



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages