



## AWS/ERWS Operations October Updates

### Update #9 November 2023

- Arrowsmith Dam is closed for the season. With the recent rainfall events, it is filling nicely gaining 5.2m since September 24, 2023.
- New security camera has been installed at Arrowsmith Dam to assist with the winter dam safety monitoring. Fine-tuning and programming are underway by our IT team.
- In preparation for the winter season, the generator propane tanks are filled at the dam. The generator will be serviced in November.
- Elementary school tours for grades 4/5 students were conducted with Errington, Springwood Elementary, and Bowser. Positive feedback was received from organizers, teachers and students.
- As part of the preventative maintenance program, the ultrafiltration train mufflers have been tested and upgraded where necessary to meet the daily system integrity test required per permit.
- Safety data sheets are under review and updates are ongoing as part of the workplace routine safety management process.
- The 2023 Fish Monitoring Program fieldwork is completed, and the analysis and reporting will be completed and submitted early next year to the Department of Fisheries and Oceans as per the permit.



2023 Fish Monitoring Program Fieldwork



- Englishman River claybank stabilization study is managed and undertaken by others (BCCF, consultant, environmental stewardship groups, etc.) The purpose is to minimize or reduce the input of silt and clay directly into the channel which can negatively impact fish and fish habitat. ERWS has provided the data from the river turbidity monitoring gauge where required for the study. There have been several clay events experienced this year and filtering those particles are part of the ERWS water treatment plant process system.

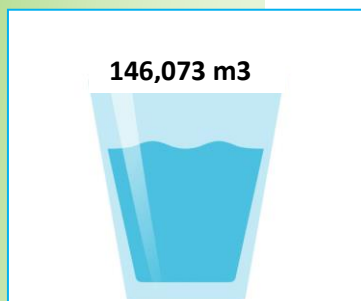
### Upcoming Work

- Request for proposals will be issued to retain vendors for the chemical room safety audit and sodium hydroxide tank design and construction.
- Ultraviolet and flowmeter services are scheduled for November with service contractors.

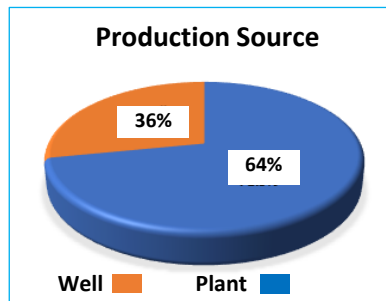
### Watershed and Dam Level Update

- Arrowsmith Lake Dam was **35% full** (elevation 813.8m, end of October 2023), which was marginally below October's normal range of 42%.

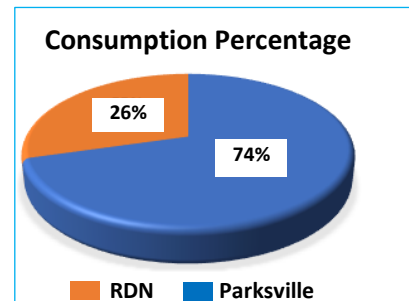
### Monthly Production and Consumption Facts



Parkville wells and ERWS totals



Parkville wells and ERWS totals



Well water not included in percentages.