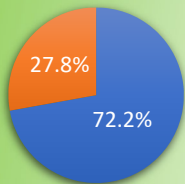




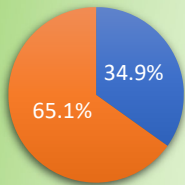
## Update #14 April 2024

### April's ERWS Share



■ Parkville ■ RDN

### April's Production Source



■ Wells ■ ERWS

### April's Total Production (Wells & ERWS)



## AWS/ERWS Operations

- Arrowsmith Dam is now accessible by car:
  - No snow accumulation on road.
  - Backhoe work completed on last stretch of the road.
- Tetra Tech toured Arrowsmith Dam and checked sites along Englishman River.
- Piezometer readout was calibrated to ensure proper readings at the dam during inspection.
- Arrowsmith Dam Operation, Maintenance, and Surveillance Manual was fully updated and submitted to the Ministry of Water, Land & Resource Stewardship.
- Arrowsmith Dam Emergency Plan was updated.
- 2023 Dam Safety Inspection report was received for review.
- ERWS samples taken and submitted to certified lab for testing:
  - Residual handling system.
  - Cryptosporidium and Giardia.
  - Aluminum.
- ERWS focused on the UF cleaning system and optimization for the month of April, this included:
  - Updates to interface with improved operation and increased trends and tracking of cleans.
  - Improved controls will be used to schedule cleans more effectively based off the information in the trends and tracking.
  - Increased lab work to include in-house calculations of the Langelier Saturation Index (LSI) to have more detailed information to guide the corrosion control program.
- ERWS had some minor issues including false readings from the UVT analyzer and turbidimeter.
- Ongoing issues addressed, where air from off-gassing in the sodium hypochlorite dosing system has been causing inconsistent dosing. New venting lines were added to the system to release the off-gassed air to the existing venting line from the top of the storage tank.

## Upcoming Work

- Arrowsmith Dam Emergency Plan, and Dam Safety Inspection to be reviewed.
- Arrowsmith Dam Emergency Plan mock exercise to be completed.
- Dam Safety Review report to be finalized and submitted to the Ministry of Water, Land & resource Stewardship.
- Dam monthly inspections.
- Tetra Tech working on Dam Inundation Study.

## Watershed and Dam Level Update

- Arrowsmith Dam is spilling.
- Snowpack is lower than historical minimum level.

### Snow Weather Station Graph (3B26P)

