

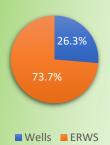


Update #17 July 2024

July: ERWS Shares



July: Production Source



July: Total Production (Wells & ERWS)



ERWS

- Samples were collected and submitted to a certified lab for testing of the residual handling system and Aluminum levels.
- Operators busy responding to increased water production demand due to hot weather.
- Efforts to optimize flow included:
 - o River intake screen cleaning with a qualified professional on site for turbidity monitoring.
 - o Intake chamber annual cleaning and visual inspection completed.
- Issues with membrane permeability dropping since daily membrane integrity test started. More frequent cleaning required reducing the plant's produced water flow capacity. Operators are continuing to troubleshoot this issue and are trying out different methods to alleviate the problem.
- 5-year fish monitoring program update:
 - Daily checks for fish impingement started July 2, 2024.
 - Weekly download and data check for turbidity and temperature in place.
 - EDI started reviewing the data.

AWS

- Fence installed around the antenna repeater.
- Weekly inspections being completed.
- Dam valves opened on July 2 in order to maintain the required flow at Hydrometric Gauge 08HB002.
- Tetra Tech submitted the Dam Inundation Study to be reviewed by City of Parksville staff and AWS members.
- Generator fuel replenished.
- Fire extinguisher serviced.
- KWL completed and submitted the Arrowsmith Dam Operating tool for use by City staff. The tool generates a projected water level based on current conditions at the dam.

Upcoming

- Solar power assessment report to be received in August.
- Wood debris cleanup at the Arrowsmith Dam.
- Installation of small weirs to better monitor foundation drain flows at the Arrowsmith Dam.

Watershed and Dam Level Update

Rainfall volume (PWY station) was 23% lower than average (2005-2023) for the month of July.

The watershed is currently at drought level 4 which is likely to cause adverse impact to the ecosystem.

