



Englishman River Water Treatment Plant

Update #4
May 2021

APRIL UPDATES

- Working with H2OI on cleaning routines and are achieving our best membrane cleans to date.
- Corrected back water flow rate changes to improve pacing when river is at a low flow.
- Completed ongoing maintenance, annual calibrations, and servicing contracts.
- Sand separator testing has specifications and quoting completed – waiting for next storm event to test.
- Chemical Awareness Refresher Training completed.
- Now have access to more robust data trend reports.
- Dam levels are 2m below average water levels, but we still have heavy snowpack to melt.



UVT Analyzer – tells the UV Reactor what intensity the lamps need to be.



UV Reactor – information screen.

UPCOMING

Operations is embarking on a few projects, (not regular operations/maintenance) including, but not limited to:

- Reviewing our **UVT Analyzer** equipment (system that tells the **UV Reactor** how to dose treated water) to determine plant needs, efficiencies and how best to continue to deliver quality water.
- Preparing the Second Stage UF (ultrafilter) unit to go back online prior to the higher demand season (previously out of commission due to storm events).
- Investigating our turbidity after cleans and backwash trending to problem solve solutions.
- Pad for the provincial hydrometric station has been installed; equipment still to come.
- Finalizing proposal for the membrane process analysis and membrane condition assessment contracts.
- Cross-training of the core group for water treatment plant and water distribution system duties has begun.
- Working with H2OI to lay the groundwork for our new Intelogx SCADA integration which will provide more robust data, reporting and reconcile alarms.

Belinda Woods
Director of Operations
City of Parksville