



**ISSUE #1
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Figure 1

Englishman River Water Treatment Plant

JANUARY UPDATES

January brought us higher than normal levels of rain causing very high river flow and turbidity. This resulted in Operations taking the plant offline for three days to protect the integrity of the plant.

- Final 2020 usage calculations completed:
 - Pumped 1,638,360 cubic metres through the plant
 - 492,965 cubic metres consumed by RDN representing 30.09% of waters treated
- Held meetings with contractors to establish outstanding works and an agreed upon communication and tracking methodology. Ongoing biweekly meetings established
- Chlorine analyzer installed, Figure 1

IN THE WORKS

December, January and February - due to higher turbidity, lower temperatures and higher organic loading, Operations is:

- Increasing acid and sodium hypochlorite maintenance cleans
- Monitoring trans-membrane pressure (TMP)
- Completing increase frequency of strainer cleaning
- Increasing the duration of the extended aeration portion of the cleaning process
- Increasing the frequency of discharge at the sand separators

UPCOMING

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

- Install seal water flushing for the raw water pumps
- Work with contractor to review training and maintenance for air compressors (determine if specialized ticket is required for quarterly maintenance)
- Engage with UBC for membrane assessments
- Clean in Place (CIP) Heaters replacement under warranty
- Sodium hydroxide pump skid heat replacement under warranty
- Environmental monitoring selection process initiated
- Geobag project awarded and pre-planning started
- Englishman River Flow Gauge is waiting Ministerial budget approval, but expected target install date is by March 31st.

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