

MAY 2020 MONTHLY REPORT Rev 1
City of Thompson
Wastewater Treatment Plant Upgrades & Associated Works
MWSB 1265
Startup & Commissioning Phase
Licence No. 3118R

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1 Milestones Achieved this Month

The following presents a summary of the milestones achieved for this reporting period:

- Acceptance Testing for the SBR Treatment process and Aerobic Digestion were successfully completed.
- The Contractor has completed the construction and commissioning of the facility to satisfy Clause 13b of the licence.
- The City of Thompson is operating the WWTP.

2 Status of Facility

The City of Thompson is now responsible for the operation of the facility. The Operators are conducting daily testing of effluent to monitor the process and composite samples of the treated effluent are gathered each day for testing.

As of the end of May the process has established, Acceptance Testing completed, and the treated effluent is in compliance with the effluent discharge criteria.

- Effluent TSS is below 25 mg/L.
- Phosphorus is below 1 mg/L.
- UVT has been above 55 for the month of May.
- Ammonia is below the discharge limits of 60 kg/24-hr period for May.
- Total Nitrogen is below 15 mg/L.
- Effluent cBOD₅ is below 25 mg/L.

The aeration piping in Aerobic Digester 1 has been repaired and the digester has been placed back into service.

3 Operator Training

The Operators have received training on the SBR Process Operation and equipment, grit system, multirake bar screen, UV disinfection equipment, sludge dewatering equipment, lab testing, WWTP SCADA system, building HVAC and building ancillary systems. Follow up/refresher training on the SBR Process and WWTPSCADA system will be provided in an ongoing fashion throughout 2020. Training sessions have been video recorded for Operator reference, along with printed training manuals for key equipment.