

October 2019 MONTHLY REPORT
City of Thompson
Wastewater Treatment Plant Upgrades & Associated Works
MWSB 1265
Startup & Commissioning Phase

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1 Progress for the Month of October

Monthly progress:

The following presents a key summary of the startup & commissioning activities for this reporting period:

- Main plant SCADA integration is reported to be complete. Bird and Celco will be testing the control narrative on November 1, 2019.
- A review of the Process Mechanical, Electrical and Controls installation was completed by Stantec and a deficiency list prepared and issued to Bird for their action.
- The odor control Biofilter has been started up and is in operation. The biofilter appears to still be in the development phase.
- The existing wastewater lagoon is no longer in service and the forcemain to the lagoon has been permanently disconnected. The City has reported that the lagoon appears to have drained down to the level of the outfall.
- The WWTP is receiving trucked waste, however, the card reader system has not been setup for the haulers use as of yet. A master key allows the haulers to discharge into the TWRS. The SCADA system is reported to be logging the total volume of trucked waste received per day however Bird has not submitted the flow reports for the facility.

2 Areas of Concern

SBR train #2 contains two mixers. One mixer has been problematic since the introduction of sewage. The second mixer failed on the weekend of October 19th. Both mixers have been removed and sent to the manufacturer for repairs. The timeline for reinstating the mixers is unknown. Bird has yet to provide any effluent quality results (laboratory testing and onsite) since before the time of the 2nd mixer failure, therefore the effect on the process is unknown at this time.

3 Schedule

Bird has tentatively scheduled the 14-day trouble free run period to commence November 5, 2019. Bird has requested to start the Acceptance Testing of the SBR system on November 12, 2019. Stantec has advised Bird that approval to proceed with Acceptance Testing will not be granted until the treated effluent quality sampling results are submitted and confirm that the process has not been negatively impacted by the failure of both mixers in SBR train #2.

4 Summary of Process Development

Sewage was introduced into the WWTP on June 14, 2019. All sewage including piped and trucked has been diverted to the new WWTP. Daily influent and effluent flows through the new WWTP are being monitored and tracked however Bird has not provided the flow reports for October.

Bird continues sampling the effluent to monitor the development of the process. Bird has not provided updated sample results since October 16th despite repeated requests for the information. A copy of the October 16th results are attached.

