
**TOWN OF EASTEND
WTP, RAW WATER RESERVOIR & INTAKE UPGRADES**

BCL File #103.02-7B

June 8, 2021

General Progress to Date

In May, project progress included:

- Mechanical work within the river and reservoir pumphouses is essentially complete. Some minor work for the heating and ventilation and flushing pump is required.
- Electrical is completed in the WTP and nearly completed in the two pumphouses. The subcontractor was still waiting on SaskPower to energize the new service before equipment can be tested, started up and commissioned.
- Delco Water is on hold as well until the power service is in and the equipment can be started.
- HDPE liner on the earthen reservoir was completed.
- Liner cover (sand) material was being sorted and installed as of the inspection date. Approximately 90% of the liner was covered as of June 7 and is projected to be completed later this week.
- Loading dock concrete is now completed.
- Catch basin for the truck fill pad has been completed and the roadway will be completed once the power service is in and the sand liner cover is completed.

Overall, construction was delayed by the SaskPower service installation. Most equipment and work are now waiting on that to be completed – their most recent update is that it will be installed this week. Westridge has been coordinating with SaskPower daily to get this completed.

During the next work period (month), construction is expected to include continued advancement of the mechanical and electrical work and start-up of some equipment. Raw water reservoir work is projected to be completed this week and the river intake pumphouse will be used to start filling the reservoir once the pumphouses have power.

Progress Certificate

Progress No. 13 is certified and represents work completed to May 31, 2021. Westridge Construction Ltd. is eligible for payment in the amount of \$186,478.54.

Westridge provided their required WCB clearance and Statutory Declaration paperwork along with their invoice.

Payment in the amount of \$18,666.52 should also be made to the holdback trust account, as required by the Builder's Lien Act. Total holdback to date should be \$597,111.32 plus taxes.

Construction Schedule

An updated construction schedule was provided by Westridge on May 28, 2021. According to the schedule, work was generally on track but has been delayed by the SaskPower installation delays. Schedule updates will continue to be provided, but equipment start-up and commissioning is now again delayed and expected to start in June 2021 with project completion pushed back into July 2021.

Change Orders

Two more change orders were processed since the last report:

Change Order #5

Change Order #5 addressed the remaining controls discrepancies between the installed equipment and the original tender package. CO#5 also addressed some changes that were required to the two intake pumphouse piping and valves. The orientations had to be changed which required some extra welding time, valves, and fittings. The electrical control changes were \$15,266.25 plus taxes and the mechanical piping and valve changes were \$8,591.49 plus taxes for a total change order of **\$23,857.74 plus taxes**. The Change Order was fully executed and distributed to the Contractor on April 30, 2021.

Change Order #6

Change Order #6 addressed the soft base of the raw water reservoir (pond). The Contractor had proposed to use a geogrid material plus 6" to 12" of earth before installing the welded HDPE liner material which was approved by BCL and the Town. The Contractor was able to get away with only 6" of earthen material which kept the costs down. CO#6 included \$27,720 plus taxes for the geogrid material and \$5,280 plus taxes for the liner base material for a total change order of **\$33,000.00 plus taxes**. The Change Order was sent to the Contractor for signature on May 31, 2021 and will be forwarded back to the Town once received.

Testing

No further test results have been received since the previous report.

Photos



Liner installation completed.



Liner cover installation ongoing.



WTP exterior with loading dock completed.



Loading dock, stairs and railings.



River intake pumphouse.



Intake pumphouse piping and valves.



Intake pumps and piping.



Intake pumphouse working platform (from below).



Truck fill control panel.



Electrical service area – 600V, 120V and 24V junction boxes.

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