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

BCL File #103.02-7B

March 10, 2021

General Progress to Date

In February, project progress included:

- Mechanical work made significant progress including:
 - Stainless steel and PVC process piping is completed except for the truck fill piping.
 - Domestic water lines (to various taps and sinks) are completed.
 - Chemical room equipment is mounted in place.
 - Generator set ducting is completed.
 - Valves and instruments are all mounted waiting on wiring.
- Electrical work also made significant progress including:
 - Electrical distribution rough-in is nearing completion.
 - Wiring is underway.
 - Generator set is in place waiting on wiring.
 - Main service and metering equipment is complete.
 - Control panels are mounted around the plant waiting on wiring.

During the next work period (month), construction is expected to include continued advancement of the mechanical and electrical work within the building. Reservoir and intake structure work is projected to resume in April provided the weather cooperates.

Progress Certificate

Progress No. 10 is certified and represents work completed to February 28, 2021. Westridge Construction Ltd. is eligible for payment in the amount of \$436,278.78.

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

Payment in the amount of \$43,671.55 should also be made to the holdback trust account, as required by the Builder's Lien Act. Total holdback to date should be \$538,594.34 plus taxes.

Price Requests / Contemplated Change Orders

Some small changes between the electrical design allowances and construction coordination are in discussion between the electrical subcontractor, contractor, and engineers. One change was for a breaker type change for the UF control panels (\$504.85), and another is to bring power to the chain hoist location (\$4,860.77). These were emailed to the Town on March 2 for discussion at their March 10, 2021 Council meeting. These extra costs provided by Westridge and Riverside appear to be accurate reflections of the work required and BCL recommends proceeding with the work as presented.

Once the Town reviews and approves / rejects the extra costs, BCL will advise Westridge on direction.

Construction Schedule

An updated construction schedule was provided by Westridge on February 22, 2021. The updated schedule appears to be a reasonable reflection of the work required. The updated schedule is attached for Council's information. Schedule updates will be provided over the next couple months, but project completion is likely to be in May-June 2021.

Testing

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

Shop Drawings

Westridge has provided 50 shop drawing submittals to date and all have been reviewed and returned. No new shop drawings have been received since the previous report.

Photos



West side siding is complete and electrical and gas service equipment in place.



Plant exterior is completed except for loading dock on east side.



Reservoir floor is starting to dry up; once dry the construction and liner work can resume.



Significant progress on the pumps, piping and valves within the plant.



Most piping secured in place.



Chemical room equipment mounting underway.



Distribution and truck fill piping.



Electrical wiring and conduit runs.



Significant progress on wiring to MCC.



Wiring and control panels located throughout the building.



Generator and ducting in place.

ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	1st Quarter									2nd Quarter									3rd Qu				
							B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B							
1	Mobilization	5 days	Mon 20-05-18	Fri 20-05-22																									
2	Water Treatment Plant	263 days	Mon 20-05-25	Thu 21-06-10			Water Treatment Plant																						
18	Loading Dock GB	3 days	Mon 21-03-29	Wed 21-03-31	17,15																								
19	Loading Dock Slab & RW	7 days	Thu 21-04-01	Mon 21-04-12	18																								
20	Install LD Handrails	1 day	Tue 21-04-13	Tue 21-04-13	19	Aussie																							
42	Treatment System Install	60 days	Mon 20-12-14	Thu 21-03-11	37	Heat	Treatment System Install																						
44	Piping	45 days	Thu 21-01-07	Thu 21-03-11	43	Heat	Piping																						
45	HVAC	20 days	Thu 21-01-28	Thu 21-02-25	43FS+15 days	Heat	HVAC																						
46	Final Pipe Connections	10 days	Fri 21-03-12	Thu 21-03-25	44	Heat	Final Pipe Connections																						
47	Plumbing Fixtures	5 days	Fri 21-03-26	Thu 21-04-01	45FS+20 days	Heat	Heat																						
48	Pre-Start up Checks	10 days	Mon 21-04-05	Fri 21-04-16	46FS+5 days,4	Heat	Pre-Start up Checks																						
49	Generator Install	10 days	Fri 21-02-05	Fri 21-02-19	36FS+6 days,4	River	Generator Install																						
50	Wire Pull	30 days	Thu 21-01-07	Thu 21-02-18	36,43	River	Wire Pull																						
51	Lights	10 days	Fri 21-02-19	Thu 21-03-04	50	River	Lights																						
52	Controls	20 days	Fri 21-02-19	Thu 21-03-18	50	River	Controls																						
53	MCC Install	20 days	Wed 21-03-03	Tue 21-03-30	49FS+7 days	River	MCC Install																						
54	Final Terminations	15 days	Fri 21-03-19	Fri 21-04-09	52,50	River	Final Terminations																						
55	Paint Pipe	10 days	Mon 21-04-05	Fri 21-04-16	46FS+5 days	R&D	Paint Pipe																						
56	Final Paint Building	5 days	Mon 21-04-19	Fri 21-04-23	55	R&D	Final Paint Building																						
57	Paint Epoxy Floor	4 days	Tue 21-04-20	Fri 21-04-23	56SS+1 day	R&D	Paint Epoxy Floor																						
58	Plant Startup	10 days	Mon 21-05-03	Fri 21-05-14	48,82	All	Plant Startup																						
59	Deficiencies	9 days	Mon 21-05-17	Fri 21-05-28	58		Deficiencies																						

