



Owner: City of Powell River

Report No.: 001

Project: Consolidated Waste Water Treatment Plant

For Month of: June 2021

Location: Powell River, BC

Report

1 PROJECT PROGRESS

1.1 Treatment Site

Preceding Month Progress

Additional treatment site survey was undertaken and site area and roadways were staked. Utility locates began in May. Further utility locates were undertaken in June. Mobilization continued with site offices being brought to site. Earth moving construction equipment was also mobilized to site and excavation works were initiated. Other mobilization work included the set-up of the water treatment tanks and tank staging. Wood chip piles were relocated from the site lay down area. And fencing was provided around the site area. Power has been provided to site as well as communication networks.

Extensive excavation and ground preparation was undertaken this month. At its peak, four excavation machines were employed as well as a bulldozer. The weather was mostly dry and surface layers were easily removed. The underlying layers are mostly till with some boulders. The till is hard and has been found to be more difficult to remove. Approximately 30% of the bulk removal was completed.

Concrete forms have been delivered to site for upcoming construction work. A spray down system has been installed to assist with the control of dust.

The contractor has received some of the first submittals from subtrades and vendors. The contractor has also had meetings with the vendors of novated equipment.

Month Look Ahead

Excavation will continue through July. This will be the most significant work in the coming month. The excavation will include digging out for the bypass and other piping.

The sump base forms and reinforcement will be prepared and the first permanent works concrete pour will occur. The base for the tower crane will also be prepared.

The contractor will be constructing concrete mock-ups including a water-stop mock-up.

There will be further submittals provided in July including the rebar submittal.

1.2 Offsite Works

The months of May and June have seen the offsite works package go out to Tender. The Tender is expected to close in July with a Contract award shortly after.



2 SCHEDULE UPDATE

Critical Schedule Items

It is expected that the offsite works will be schedule critical. The outfall installation is also schedule critical. These items are being monitored.

At the treatment site it is expected that the critical path is set by the construction of the clarifiers.

Equipment Supply Updates

The contractor has initiated discussions with all suppliers of the novated equipment and other major equipment suppliers.

3 SAFETY AND SECURITY

At the treatment plant site the Contractor continues to implement internal COVID-19 safety protocols.

There are no other safety incidents or security issues to report for the month of June.

4 ENVIRONMENT

In early June an eagle nest was identified to the north of the treatment site construction area. It appears not to show any nesting activity. However, the nest is continuing to be monitored.

In mid June a birds nest was identified on the treatment site (a killdeer). Mitigation was undertaken and after hatching the nest was moved from the site area.

5 CONSTRUCTION BUDGETS

The work for construction is principally split between two contracts. These contracts are the Consolidated Wastewater Treatment Plant (CWWTP) (Contract 3) contract awarded to Graham Construction for a value of \$61,016,432.65. And the Conveyance & Lift Stations (Contract 4) contract yet to be awarded.

Figure 5-1 shows the approved payment against work done for the CWWTP (Contract 3) Contract.

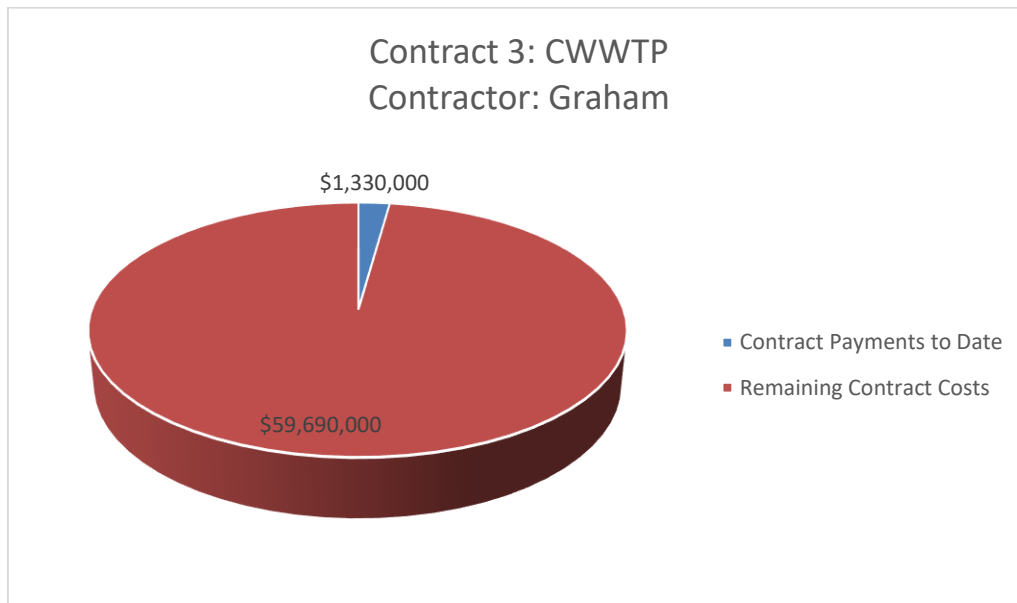


Figure 5-1

6 GENERAL

Daily inspections are carried out for the project and a daily report is prepared. The following photos are selected photos from the previous months daily reports.



Figure 6-1
First site offices mobilized to treatment site



Figure 6-2
Construction safety fencing installed at treatment site



Figure 6-3
Excavation work at the treatment site



Figure 6-4
Preparation of ground for treatment site access road



Figure 6-5
Manhole cylinders delivered to treatment site for inclusion in works



Figure 6-6
Excavation for process building at treatment site