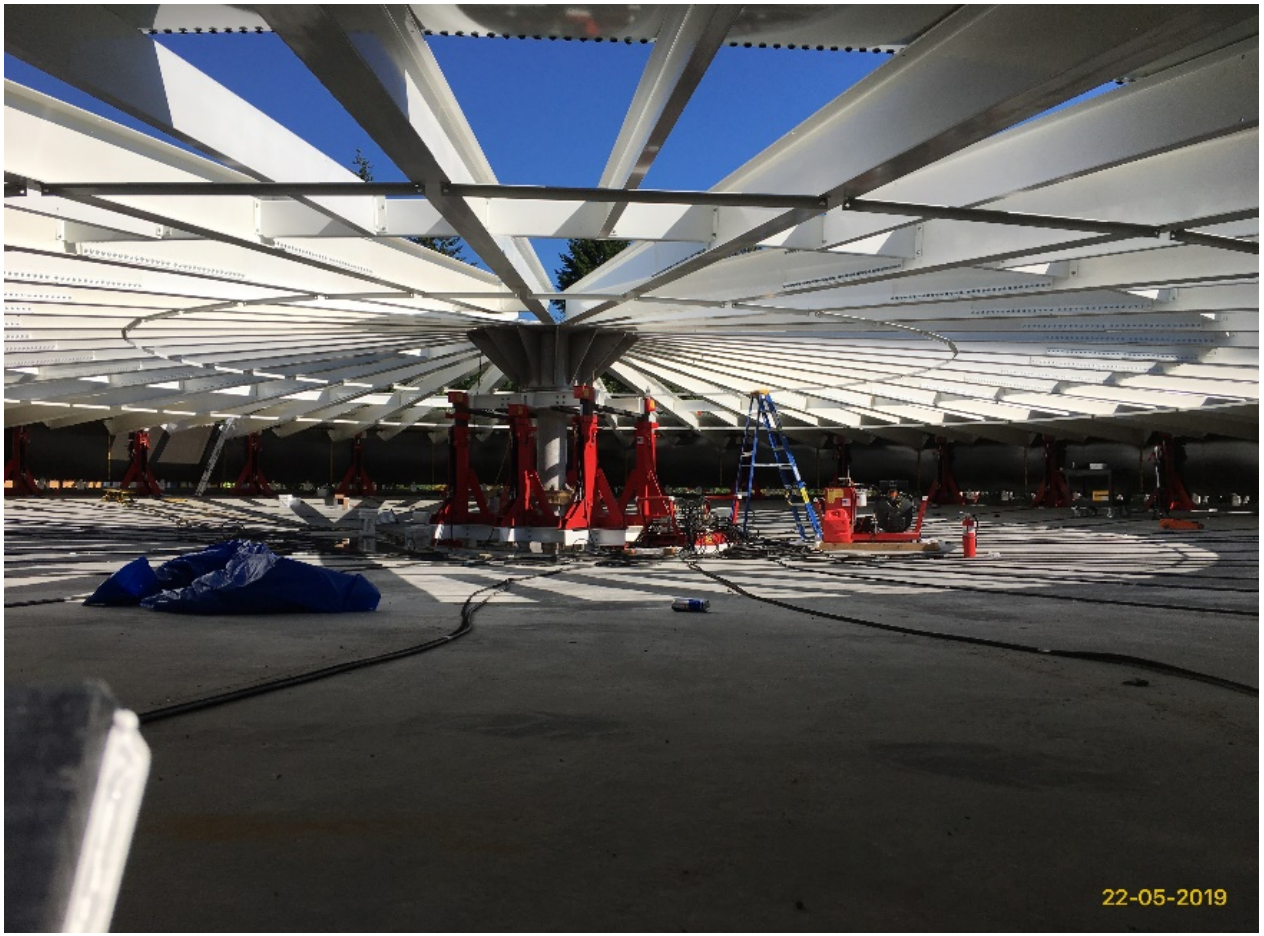
Core Area Wastewater Treatment Project Board



Safety Moment

Teach employees real-time skills to maintain focus and keep safety and risk in mind.

Key Performance Indicators		WTP Project Overall	WWTP	RTF	Conveyance System
Safety	Deliver the Project safely with zero fatalities and a total recordable incident frequency (TRIF) of no more than 1.	🟡	🟢	🟢	🟡
Environment	Protect the environment by meeting all legislated environmental requirements and optimizing opportunities for resource recovery and greenhouse gas reduction.	🟢	🟢	🟢	🟢
Regulatory Requirements	Deliver the Project such that the Core Area complies with provincial and federal wastewater regulations.	🟢	🟢	🟢	🟢
Stakeholders	Continue to build and maintain positive relationships with First Nations, local governments, communities, and other stakeholders.	🟢	🟢	🟢	🟡
Schedule	Deliver the Project by December 31, 2020.	🟢	🟢	🟢	🟢
Cost	Deliver the Project within the Control Budget ($765 million).	🔴	🟢	🟢	🔴

Safety is our top priority: all KPIs are central to decision-making process

WTP Safety Information: April

- 729,492 hours worked
- Total Number of Employees 500
- Recordable incident 1
- Lost time 1

18 incidents were reported during April 2019

Almost 730,000 total hours worked on the Project.

Cost Management and Forecast

- Control Budget - $775M
- Expended to Date –310.3M (41%)
- Expended in April- $16.2M

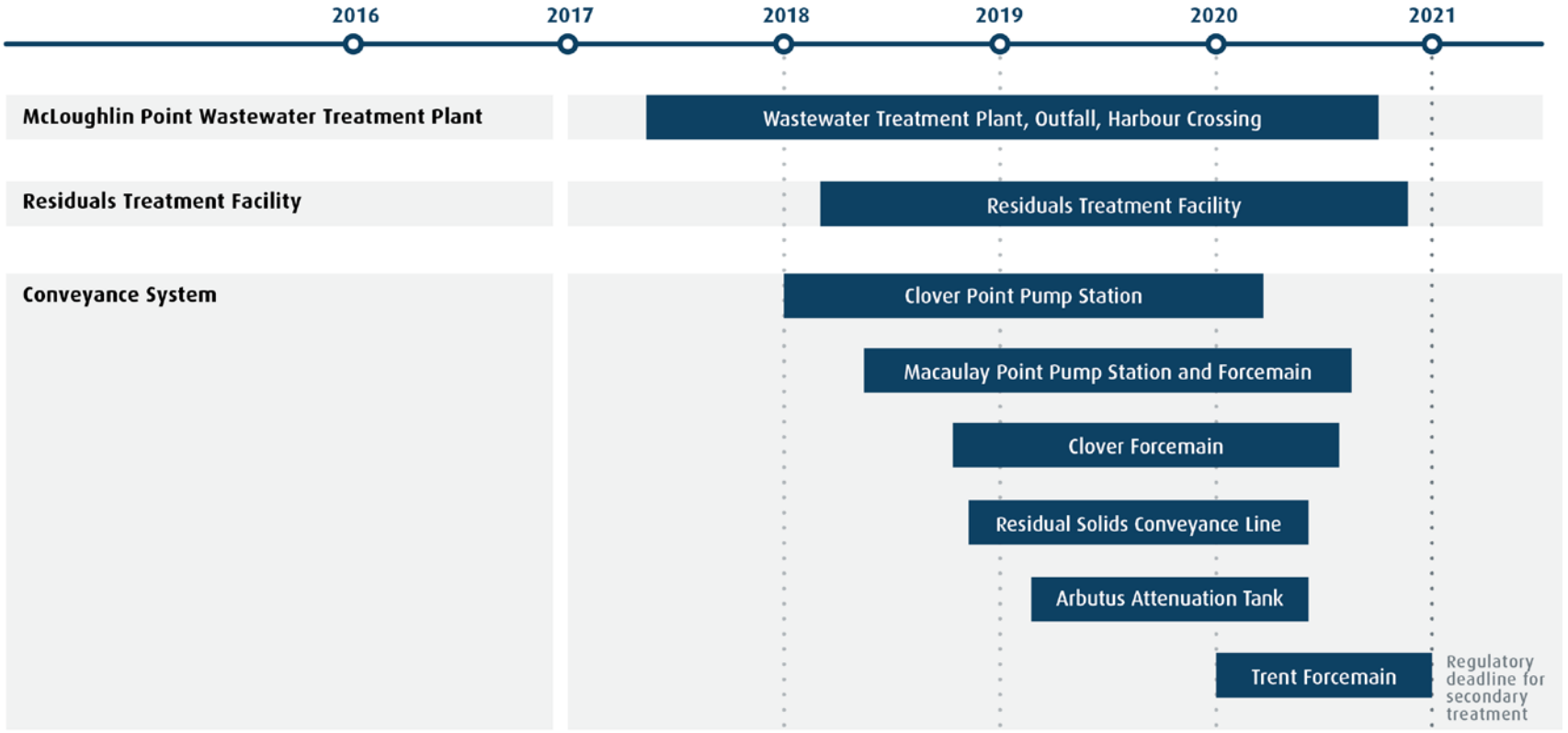
Funding Source	Maximum Contribution	Funding Received in the Reporting Period	Funding Received to Date
Government of Canada (Building Canada Fund)	$120M	$9.2M	$52.0M
Government of Canada (Green Infrastructure Fund)	$50M	-	$18.1M
Government of Canada (P3 Canada Fund)	$41M	-	-
Government of British Columbia	$248M	-	-
Federation of Canadian Municipalities	$346K	-	-
TOTAL	**$459.3M**	**$9.2M**	**$70.1M**

Activities to evaluate the sufficiency of the remaining contingency and program reserve to deliver the Project within the control budget are underway.

Making a difference...together

Wastewater Treatment Project Schedule*

Construction + Commissioning



*Schedule subject to updates as Project planning progresses.

The Project remains on-schedule to meet regulations for treatment of core area's wastewater by December 31, 2020.

McLoughlin Point WWTP

Concrete formwork is ongoing.

Clover Point Pump Station

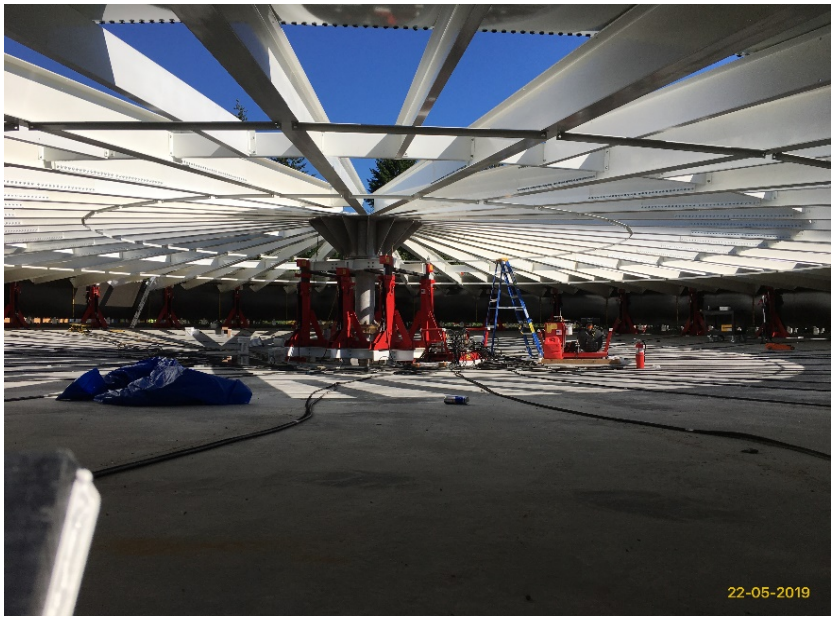
Concrete work continues

Making a difference...together

Macaulay Point Pump Station and Forcemain

Macaulay Point Pump Station Excavation Overview, facing East

Residuals Treatment Facility



Construction of the digesters and OMSRF continued in April.

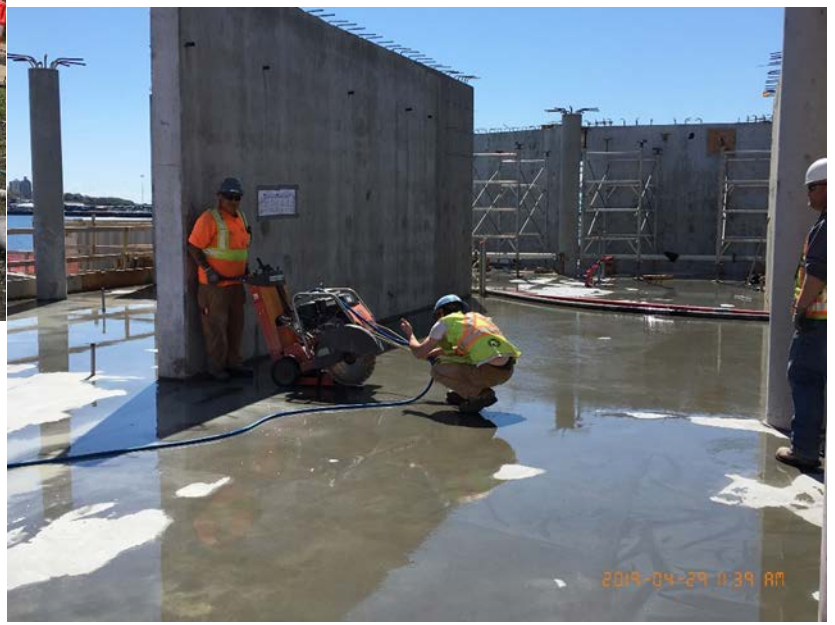
Clover Forcemain

Dallas Road construction in progress.

Residual Solids Conveyance Line

Construction on Dominion Street and Willis Point Road

Balance of Works



Communications

Wastewater Treatment Project
Treated for a cleaner future

Construction Update
April 2019

Dallas Road Construction

The Wastewater Treatment Project is making significant progress on Dallas Road. With over 50% (1.6km) of the Clover Forcemain installed, construction is progressing well at each end of the pipe. All construction activities for the Clover Forcemain are anticipated to be complete by summer 2020. Once complete, the Clover Forcemain will convey wastewater from the Clover Point Pump Station to the McLoughlin Point Wastewater Treatment Plant for tertiary treatment.

CONSTRUCTION IMPACTS

Work Hours
Monday to Friday 7 a.m. to 7 p.m.
Saturday 10 a.m. to 7 p.m.

Road Closures
In section 4 between Government and Douglas streets for approximately 8 weeks, Dallas Road will be closed 24 hours a day from Monday morning to Friday afternoon for pipe installation with local traffic only. A detour will be in place and the road will reopen on the weekends. This work is currently anticipated to start late spring/early summer.

Restoration
Following pipe installation, the road will be paved. Clover Point Park has been re-seeded.

Traffic
Single lane alternating traffic is required at each work zone due to the excavation. Please follow directions from the traffic control personnel.

Parking
"No parking zones" are required for construction to be completed. We recognize parking can be limited in the area.

Cycle Path
Construction of the cycle path is anticipated to begin in fall 2019.

Thank you for your patience as this work is completed.

Wastewater Treatment Project
Treated for a cleaner future

Construction Update
April 2019

CONSTRUCTION PROGRESS

- WORK COMPLETED
- ① NIAGARA TO DOCK — Complete
- ② DOCK TO LEWIS — Started April 1, 2019
- ③ LEWIS TO GOVERNMENT — Late spring 2019
- ④ GOVERNMENT TO DOUGLAS — Late spring/Early summer 2019
- ⑤ DOUGLAS STREET INTERSECTION — Late spring 2019
- ⑥ DOUGLAS TO COOK — Started March 1, 2019
- ⑦ COOK TO CLOVER — Complete

THE PROGRESS MAP IS UPDATED WEEKLY ON THE PROJECT WEBSITE.

PIPE INSTALLATION

The weekly schedule for pipe installation typically follows this sequence: Monday and Tuesday – Excavation, Wednesday – Pipe Installation, Thursday and Friday – Backfilling.

UTILITY RELOCATION

Utility relocation work at the Douglas Street intersection will take place in April. This work must be completed prior to forcemain installation. At times, Dallas Road will be closed to accommodate the work. Detours will be in place.

Please visit our dedicated **Dallas Road Construction** page under **Current Construction Activities**.

Any questions about the work, please contact the Project Team.

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Two Information Bulletins and one Construction Update were issued in April