

Wastewater Treatment Project Works Remaining Status Report (July 2021)

Project Component	Current Prime Contractor	Summary of Works Remaining at May 2021	Summary of Works Remaining at July 2021	Updated Anticipated Completion Date	Amount included within Project Budget Forecast to Complete
McLoughlin Point Wastewater Treatment Plant	CRD	<ul style="list-style-type: none"> • Providing advice and guidance to optimize plant performance over the remainder of the two-year performance period (to January 12, 2023); • Complete warm weather odour test; and • DFO authorization reporting. 	<ul style="list-style-type: none"> • As Plant deficiencies arise, HRP and/or CRD undertaking corrective action as per Project Agreement • Tertiary Disk Filters – HRP conducting replacement of backwash valves in August • HRP planning second BAF media augmentation in Aug/Sept and – expected to improve secondary treatment • CRD planning MBBR media addition in July – expected to improve secondary treatment • Completion/Handover documents - Awaiting final HRP record drawings, O&M manuals, commissioning documentation • Plant optimization 	Performance Period Ends December 2022	\$2.22M (to cover performance period commitments)
Residuals Treatment Facility	HRMG	<ul style="list-style-type: none"> • Complete activities required to achieve Completion, primarily being: <ul style="list-style-type: none"> ○ Residual effluent line modifications; and ○ Address residual effluent quality (including demonstrating compliance to the CRD’s satisfaction for the purposes of the second 15-day acceptance test); • Complete change orders related to: <ul style="list-style-type: none"> ○ Modifications at ring road connector; ○ Changes to biosolids loadout chute; ○ Down payment of sprung structure lease; • Minor deficiency items; and 	<ul style="list-style-type: none"> • Address effluent quality • Address Class A Biosolids particle size through screening 		\$127M (to cover capital cost) \$0.25M (to cover completion of change orders)

		<ul style="list-style-type: none"> Record drawing submission. 			
Macaulay Point Pump Station and Forcemain	KCL	<ul style="list-style-type: none"> Landscaping; Minor deficiency items; and Record drawing submission. 	<ul style="list-style-type: none"> Inlet screen optimization – address ragging issue Site cleanup and landscaping Record drawing submission 	September 2021	\$0.34M
Clover Point Pump Station	KCL	<ul style="list-style-type: none"> Generator ventilation rectification; Inlet channel debris removal; Final acceptance testing (note that final acceptance testing has had to be deferred until after the inlet channel debris removal is completed); Completion of landscaping (this will complete the public realm improvements and is expected to be complete at the end of Q2, 2021) Minor deficiency items; and Record drawing submission. 	<ul style="list-style-type: none"> Generator ventilation rectification and removal of temporary generator Inlet channel debris removal by KCL – planned late August/Sept Final acceptance testing following inlet channel debris removal Completion of landscaping and public realm improvements and site cleanup Inlet screen optimization – address ragging issue Record drawing submission 	November 2021	\$1.19M
Clover Forcemain	CRD	<ul style="list-style-type: none"> Landscaping; and Quarterly post-construction stability surveys over the warranty period 	<ul style="list-style-type: none"> Grass/tree planting/establishment 	October 2021	\$0.16M
Residual Solids Conveyance Line	KPI	<ul style="list-style-type: none"> Minor restoration on the BC Hydro access road to be completed once BC Hydro has completed the pole relocation (gate, tree replacement, final road surface); and Peers Creek survey; and DND roadway tie-in 	<ul style="list-style-type: none"> Peers Creek – ongoing discussions with Saanich regarding resolution of drainage design/construction 	October 2021	\$0.03M
Residual Solids Pump Stations	KPI	<ul style="list-style-type: none"> Removal of low floats and upgrade programming; Supply and installation of automated valve actuators; Landscaping; Minor deficiency items; and 	<ul style="list-style-type: none"> Resolution of solids concentration/build up and pumpout requirement associated with MPWWTP residuals discharge Pumpstation access hatch opening mechanism replacement Ladder rung testing/replacement 	October 2021	\$0.43M

		<ul style="list-style-type: none"> Record drawing submission 	<ul style="list-style-type: none"> Wet well alarm float adjustment Final landscaping and maintenance 		
Trent Forcemain	CRD	<ul style="list-style-type: none"> Restoration; Minor deficiency items; and Record drawing submission 	<ul style="list-style-type: none"> Record drawings including Saanich comments and O&M manual submission 	August 2021	\$1.58M
Arbutus Attenuation Tank	NAC	<ul style="list-style-type: none"> Final commissioning activities; Site grading and landscaping; Minor deficiency items; and Record drawing submission 	<ul style="list-style-type: none"> Tank fill/testing operation week of July 19 – currently not under CRD operation Site grading and landscaping Record drawing submission 	October 2021	\$1.71M
		Conveyance Subtotal			\$5.44M
		Total			\$134.91M