

Capital Regional District
2018 Fourth Quarter Capital Plan Report
Projects Greater than \$500,000 (including budget amendments)

	As planned or better than plan
	Changes to quarter forecast, no revision to annual plan
	Project issue
R	Changes to project plan (may result in 2018 Budget Amendment or included 2019 Capital Plan)

Department	Service Name	Proj. No.	Capital Exp. Type	Capital Project Name	Quarter 4 (\$ Millions)					Q4 Variance Explanation	2018 (\$ Millions)					Status of Total Project Plan			
					Q4 Budget	Q4 Forecast	Q4 Actuals	Q4 Variance (over) / under	Variance % (over) / under		(Sorted) Total Amended 2018 Budget	Total 2018 Forecast	Total Actuals 2018	Forecast Variance \$ (over) / under	Variance % (over) / under	Scope	Timing	Budget	Notes
Integrated Water Services	CAWTP	16-01	New	Wastewater Treatment Plant	\$44.480	\$44.150	\$38.970	\$5.180	11.7%	Construction contractor billings were less than forecast at Q3. Specific differences arise from Clover Point Pump Station, Macaulay Point Pump Station and Residual Solids Conveyance Line contractors billing less than forecast in Oct 2018. Work to be completed in 2019.	\$157.998	\$134.885	\$129.691	\$5.194	3.9%				S - on plan T - on plan B - cost escalation pressures on total project are being evaluated, no change in budget
	East Coast Interceptor	18-05	Renewal	Trunk Sewer Rehabilitation Sections 1 & 2	0.060	0.015	0.088	(0.073)	(486.7%)	Emergency manhole and pipe replacement resulted in additional scope and costs as part of budget amendment. Factored into 2019 plan.	0.750	0.741	0.814	(0.073)	(9.9%)	R		R	S - extended due to emergency work, plan revised T - on plan B - adjusted, plan revised
	Juan de Fuca Water Distribution	16-04	Replacement	Jacklin Rd - 900m of 600mm Pipe	0.000	0.170	0.174	(0.004)	(2.4%)	Project within total project budget. Variance due to additional works associated with distribution main improvements.	1.620	1.618	1.622	(0.004)	(0.2%)		R		S - on plan T - deficiencies and holdbacks to be completed in 2019, plan revised B - on plan
	Juan de Fuca Water Distribution	99-01	Replacement	Annual Small Diameter Pipe Replacement Program	0.090	0.560	0.472	0.088	15.7%	Efficiencies during construction resulted in project savings.	1.250	1.246	1.158	0.088	7.0%				Project complete S - on plan T - on plan B - better than plan
	Juan de Fuca Water Distribution	19-02	New	McCallum Rd Supply & Distribution Mains	-	-	-	-	-	Project completed on plan in Q1.	1.200	1.169	1.169	-	-				Project complete S - on plan T - on plan
	Juan de Fuca Water Distribution	16-32	New	McCallum Pump Station	0.850	0.080	0.014	0.066	82.5%	Design work for project completed Q2. Tender resulted in forecast moved to 2019 Q2.	1.150	0.109	0.042	0.066	61.2%			R	S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Juan de Fuca Water Distribution	17-19	New	Millstream Extension	0.000	0.015	0.046	(0.031)	(206.7%)	Project substantially completed in Q3; additional costs associated with addition of 100m.	1.100	1.265	1.296	(0.031)	(2.5%)				Project complete S - additional scope T - on plan B - over budget due to unexpected complications (rock and pressure testing issues), commission approved; DCC Funded
	Juan de Fuca Water Distribution	18-01	Replace-ment	Sooke Rd Ph. 2 - 1,000m of 600m Pipe - Cecil Blogg to Jacklin	0.020	0.000	0.007	(0.007)	100.0%	Project deferred to 2019, to accommodate scope revisions, design, and resource availability. Due to market conditions, additional budget is requested in 2019 Capital Plan.	0.800	-	-	-	-	R	R	R	S - plan revised T - delayed to 2019 vs 2018, plan revised B - increased due to market conditions, budget revised
	Juan de Fuca Water Distribution	15-02	Renewal	Sun River Reservoir Rehabilitation	0.500	0.015	0.003	0.012	80.0%	Delayed due to legal resolution of design and construction deficiencies.	0.550	0.045	0.033	0.012	26.4%				S - unknown, to be determined pending outcome of legal proceedings T - unknown B - unknown
	Northeast Trunk #2	18-01	Renewal	NET-B Pipe Lining	0.100	0.100	0.011	0.089	89.0%	Completed majority of works ahead of schedule in Q2. Completion of project will be in Q2 2019 for final inspection.	0.750	0.616	0.526	0.090	14.6%			R	S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Regional Water Supply	16-15	Replacement	Lubbe Dam No. 4 Remediation	0.050	0.400	0.447	(0.047)	(11.8%)	Delay in construction due to additional scope from unexpected soil condition; anticipate additional costs as a result.	2.265	1.383	1.431	(0.048)	(3.5%)	R	R	R	S - additional scope due to soil conditions, plan revised T - delayed to 2019 vs 2018, plan revised B - increased due to unexpected factors, plan revised
	Regional Water Supply	15-03	Renewal	Sooke Intake Screens Condition Assessment & Replacement	0.550	0.035	0.008	0.027	77.1%	Design costs in line with forecast for Q4; variance from budget due to work delayed to 2019 due to market conditions requiring more due diligence in design.	1.650	0.119	0.093	0.026	21.9%			R	S - on plan T - delayed to 2019 vs 2018, plan revised B - adjusted, plan revised
	Regional Water Supply	14-02	Replacement	Upgrade JG Chloramination System	0.060	0.590	0.112	0.478	81.0%	Delay in construction due to deficiencies; expected to be on target in 2019 Q2.	1.160	1.038	0.560	0.478	46.1%			R	S - on plan T - delayed to 2019 vs 2018 , plan revised B - on plan
	Regional Water Supply	17-35	Replacement	Vehicle & Equipment Replacement	0.815	0.300	0.040	0.260	86.7%	Several vehicle replacements on order with more to be completed as requests are submitted.	0.865	0.678	0.418	0.260	38.3%			R	S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Regional Water Supply	18-19	New	Sooke Lake Dam - Instrumentation System Improvements	0.120	0.050	0.000	0.050	100.0%	Consultant for previous phase is behind schedule; majority of costs to be incurred in 2019.	0.525	0.050	0.000	0.050	100.0%			R	S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Saanich Peninsula Water Supply	16-04	Renewal	Replace Deep Cove Permastran Main, 2300m	0.000	0.010	0.039	(0.029)	(290.0%)	Unknown watermain connection required additional work prior to closing out project.	1.500	1.083	1.112	(0.029)	(2.7%)				Project complete S - on plan T - on plan B - better than plan

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Local Services	Community Transportation (S.S.I.)	16-01	New	North Ganges Transportation Plan	0.000	0.000	0.067	(0.067)	100.0%	Archaeological permitting requirements have put the project on hold for several months.	1.786	0.060	0.127	(0.067)	(111.0%)		R		S - to be determined T - delayed due to requirement of archaeological assessment, plan revised B - to be determined
	Ganges Sewer	16-01	Replace-ment	Ganges sewer system rehabilitation	0.950	0.500	1.129	(0.629)	(125.8%)	Most equipment installed and commissioned; two pump stations and deficiencies left to complete.	3.450	2.216	2.845	(0.629)	(28.4%)		R		S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Port Renfrew Fire Protection	18-01	New	Port Renfrew/Pacheedaht Tsunami Warning System	-	-	0.003	(0.003)	100.0%	Project completed in Q3.	0.550	0.157	0.161	(0.004)	(2.3%)				Project complete S - on plan T - on plan B - under budget by \$85k, budget variance due to carry forward not reflecting \$308k spent in 2017 due to timing.
Parks and Environmental Services	Environmental Resource Management	17-02	Renewal	Aggregate Production for Internal Use	0.900	0.868	0.654	0.214	24.7%	Work stoppages caused delays attributed to Extreme Fire Hazard Rating and coordination of blasts and crushing operations with the Residuals Treatment Facility Contractor. Left-over 2018 aggregate production to be completed Q1 2019. Project is multiyear and uses 2018 and 2019 funds. All work will be complete per plan by end of 2019.	2.000	2.000	1.785	0.215	10.8%				S - on plan T - on plan B - on plan
	Millstream Remediation Service	17-01	Renewal	Millstream Meadows Remediation	0.192	0.227	0.252	(0.025)	(11.0%)	Work completed early and technical complexities slightly increased costs in Q4.	0.842	0.839	0.863	(0.024)	(2.9%)				S - on plan T - better than plan, advanced work B - on plan
	Regional Parks	17-03	New	Construct E&N Rail Trail Phases 3 & 4	1.285	0.400	0.186	0.214	53.5%	More design work required to meet community needs, resulted in delay moving to tender and construction.	4.085	0.503	0.289	0.214	42.5%		R		S - on plan T - delayed to 2019 vs 2018, plan revised B - on plan
	Regional Parks	09-01	Renewal	Engineering - Todd Creek Trestle	-	-	-	-	-	No quarterly forecast; project deferred into 2019 due to tender results.	1.215	0.061	0.073	(0.012)	(20.7%)	R	R	R	S - adjusted, plan revised T - delayed to 2019 vs 2018 due to tender results, budget revised B - adjusted, plan revised
	Regional Parks	17-01	Replacement	Construct Elk/Beaver Lake Washrooms	-	-	-	-	-	Costs from initial tender in Q2 too high; design work underway to adjust solution. Project to proceed in 2019.	0.590	0.067	0.070	(0.003)	(4.2%)		R	R	S - on plan T - delayed to 2019 vs 2018 due to higher than anticipated tender results, plan revised B - adjusted, plan revised
	SEAPARC	17-09	New	SEAPARC Facility Expansion	0.350	0.110	0.124	(0.014)	(12.7%)	Initial design work indicated costs would be too high. Re-design work underway in preparation for tender and construction in 2019.	0.750	0.179	0.192	(0.013)	(7.5%)		R	R	S - on plan T - delayed to 2019 vs 2018, plan revised B - adjusted, plan revised
Planning and Protective Services	911 Systems	17-01	New	South Island Communication Centre	10.731	2.546	2.578	(0.032)	(1.3%)	The construction is completed; the building will be fully operational and leased to E-Comm beginning on Feb 1st.	13.600	9.210	9.243	(0.033)	(0.4%)				S - on plan T - on plan B - better than plan, total project contract values were \$13.4M, costs at completion expected to be \$13.1M
	Land Banking and Housing	18-01	New	Regional Housing First Program						Quarterly budget and quarterly forecast not applicable; cashflow in 2019.	20.517	-	-	-	-				Program cashflow expected in 2019 versus 2018. Program commitments underway, cashflow on completion.
Total Projects >\$500k					\$62.103	\$51.141	\$45.424	\$5.717	11.2%		\$224.518	\$161.335	\$155.613	\$5.722	3.5%				
Total Projects <\$500K											\$34.491								
Total Projects											\$259.009								