

Capital Regional District
2021 - Quarter 4 - Capital Plan Report
Projects Greater than \$500,000

	As planned or better than plan
	Changes to quarter forecast, no revision to annual plan
	Change in annual plan
R	Changes to project plan (may result in 2021 Budget Amendment or included in 2022 Capital Plan)

Department	Service Description	Capital Project Title
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CRD		
Integrated Water Services	Core Area Wastewater	Core Area Wastewater Treatment Project
	Core Area Wastewater	Bowker Sewer Rehabilitation
	Core Area Wastewater	NW Trunk Sewer Rehabilitation Sections 1 & 2
	Core Area Wastewater	IT Capital Purchases and Plant Optimization
	Core Area Wastewater	New Fleet Purchases
	Regional Water Supply	Sooke Intake Screens Replacement
	Regional Water Supply	Implications from Sooke Lake Dam Safety Review
	Regional Water Supply	Butchart Dam No. 5 Remediation
	Regional Water Supply	RWS Supply Main No. 4 Upgrade
	Regional Water Supply	Sooke Lake Dam - Instrumentation System Improvements
	Regional Water Supply	GVWSA Land Aquisition Priorities
	Regional Water Supply	Cabin Pond Dams Decommissioning
	JDF Water Distribution	Rocky Point Upgrades
	JDF Water Distribution	Goldstream AC Replacement
	JDF Water Distribution	AC Pipe Replacement Program
	JDF Water Distribution	Comprehensive Pump Station Upgrades

Quarter 4					
Q4 Budget	Q4 Forecast	Q4 Actuals	Variance (over) / under	Variance % (over) / under	Q4 Variance Explanation (if necessary)

-	5,839,828	5,989,920	(150,092)	-3%	As of the end of 2021 the majority of construction has been completed. Both Arbutus Attenuation Tank and Clover Point Pump Station reached substantial completion with major holdbacks released. The budget includes committed funds to complete the remaining works, and closeout the construction contracts. Final costs and project closeout to occur in 2022.
2,000,000	35,000	30,209	4,791	14%	Preliminary design and planning costs carried on from Q3 into Q4. Forecast construction works to occur in summer 2022. Project in scope and on budget.
-	830,871	145,498	685,373	82%	Project was substantially completed under budget in Q3 2021. Ongoing review for quality assurance with contractors in Q4. Project has been completed under budget, with some minor closeout costs to be incurred in 2022.
-	200,000	109,654	90,346	45%	Q4 variance due to continuing COVID related supply chain delays. Work scheudled to be completed in Q1 2022. Project still in scope and on budget.
-	414,000	468,263	(54,263)	-13%	Two trucks delivered in Q4 as budgeted. Tooling for trucks resulted in quarterly spending variance. Additional vehicle planned for 2022 and 2023 due to extensive lead times. Tooling for trucks will coincide with purchase.
-	60,000	78,362	(18,362)	-31%	Multi-year project substantially complete in Q1. Residual closeout costs occurred in Q4, including interim warranty inspection. Overall project complete in scope and under budget.
250,000	100,000	48,568	51,432	51%	Variance due to resourcing and scheduling constraints delaying substantial portion of project to 2022. Project management costs incurred in 2021 and continuing to 2022.
2,000,000	100,000	105,344	(5,344)	-5%	Phase 1 was substantially completed in Q3, with post construction performance monitoring work beginning in Q4, to be completed in 2022. Remaining phases deferred to 2022 and are being re-evaluated to detmine if the work is necessary. Project is in scope and on budget.
1,480,000	20,000	-	20,000	100%	Planning and design work deferred to commence in Q1 2022. Design work forecast to be complete in 2022, with construction beginning 2023. Staff resources have been redirected to other projects.
600,000	60,000	52,554	7,446	12%	Consultant was hired in Q1 and delivered the Preliminary Design Report in Q4. Detailed design, construction and equipment cost to be deferred to 2022. Total project is still in scope and on budget.
-	5,500	7,559	(2,059)	-37%	Land purchase complete in Q1. Security infrastructure work delayed in Q3 due to fire risk, with majority of security works completed in Q4. Minor closeout costs to occur in 2022.
600,000	-	-	-	0%	Project is deferred to 2024, with scope changed to a feasibility study to determine maintaining vs removal of dam. Budget has been reduced to \$100k in 2022-2026 capital plan to reflect the cost of the feasibility study.
2,530,000	500,000	553,215	(53,215)	-11%	Project delays due to complexity of contract with multiple parties. Project was tendered in Q2 and awarded in Q3. Construction started in late Q4. Total project is still in scope and on budget, with completion deferred into 2022.
3,220,000	150,000	111,988	38,012	25%	Project consultancy expenditures for design work began in Q2 and continued through Q4. Tender for construction work issued in Q4. Construction to begin in Q1, 2022. Project on budget and in scope.
-	25,000	1,913	23,087	92%	Completion of Marwood, Penwood Drive, and Luxton Road AC replacement. Closing costs occurred in Q4. Overall 2021 phase of multi-year project completed in 2021 in scope and under budget. Design for 2022 completed in Q4 2021.
250,000	200,000	58,569	141,431	71%	Expenditures for Ludlow Pump Station occurred through Q4. Project on budget, in scope and to be completed in 2022. Delayed equipment delivery has deferred major construction costs initially anticipated for Q4 2021 to Q1 2022.

Total 2021				
Total 2021 Amended Budget (as per approved budget)	Total 2021 Forecast	Total 2021 Actuals	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under

113,249,817	106,269,916	106,420,008	(150,092)	0%
4,300,000	67,000	62,209	4,791	7%
2,000,000	1,652,688	967,315	685,373	41%
580,000	360,025	269,679	90,346	25%
840,000	467,968	522,231	(54,263)	-12%
800,000	538,085	556,447	(18,362)	-3%
900,000	162,892	111,460	51,432	32%
2,900,000	634,398	639,742	(5,344)	-1%
1,800,000	20,000	-	20,000	100%
900,000	194,637	187,191	7,446	4%
750,000	662,864	664,923	(2,059)	0%
600,000	-	-	-	0%
5,360,000	592,144	645,359	(53,215)	-9%
4,800,000	346,028	308,016	38,012	11%
3,000,000	1,836,397	1,813,310	23,087	1%
1,000,000	412,002	270,571	141,431	34%

Status of Total Project Plan			
Scope	Timing	Budget	Notes

			S - on plan T - closeout costs in 2022 B - on plan
	R		S - on plan T - construction deferred to 2022 B - on plan
			S - on plan T - minor closeout costs in Q1 2022 B - better than plan
	R		S - on plan T - completion deferred to Q1 2022 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
			S - on plan T - on plan B - better than plan
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - construction deferred to 2023 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
			S - on plan T - minor closeout costs in 2022 B - better than plan
R	R	R	S - reduced to feasibility study T - completion deferred to 2024 B - reduced due to change in scope
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
			S - on plan T - on plan B - better than plan
	R		S - on plan T - completion deferred to 2022 B - on plan

Capital Regional District
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Projects Greater than \$500,000

Department	Service Description	Capital Project Title
Integrated Water Services	JDF Water Distribution	Sun River Reservoir Replacement
	JDF Water Distribution	Residential Service & Meter Replacement Program
	JDF Water Distribution (DCC)	McCallum Pump Station and Tank 4
	Regional Water Supply & JDF Distribution	Voice Radio Upgrade
	Saanich Peninsula Treatment Plant	SPWWTP Replacement of Rotary Presses
	Saanich Peninsula Treatment Plant	Trunk Sewer Relining
	Saanich Peninsula Treatment Plant	SPWWTP Concrete Tank Repairs
Local Services	Saanich Peninsula Water Supply	SPW System Upgrade and Expansion
	Community Transportation (SGI)	Pathway Booth Canal to Vesuvius - Phase 2
	South Galliano Fire (SGI)	South Galliano Fire Hall
	Pender Island Fire Protection (SGI)	New Pumper Truck - Replace E27 Pumper
	Small Craft Facilities (SGI)	Construction of the Anson Road Facility
Parks and Environmental Services	Magic Lake Sewer Utility (SGI)	Wastewater Improvements Phase 1
	Magic Lake Sewer Utility (SGI)	Wastewater Improvements Phase 2
	Regional Parks	Construct E&N Trail Phases 3 & 4
Parks and Environmental Services	Regional Parks	Purchase and Install Elk Lake Remediation Systems
	Regional Parks	Mayne Island Demonstration Trail

Quarter 4					
Q4 Budget	Q4 Forecast	Q4 Actuals	Variance (over) / under	Variance % (over) / under	Q4 Variance Explanation (if necessary)
350,000	50,000	12,580	37,420	75%	Project Management and design costs continued in Q4 2021. 2022-2026 Capital Plan revised to reflect increased construction costs, approved by Commission December 2021. Project scope has not changed.
200,000	24,900	20,104	4,796	19%	2021 phase of project completed on scope, budget, and schedule.
2,205,000	75,000	14,641	60,359	80%	Project design is complete. Revision to the 2022-2026 Capital Plan was required due to increased construction costs. Construction was tendered and awarded in Q4 and scheduled to be completed in 2022. Project scope has not changed.
440,000	-	-	-	0%	No work performed in Q4. RFP was issued in Q4 and will be awarded in Q1 2022. Project work deferred to 2022. Total project is still in scope and on budget.
-	761,964	527,579	234,385	31%	Construction mostly complete in Q4, waiting on final component deliveries. Testing and commissioning is planned for Q1 2022, and project closeout forecasted for Q2 2022. Project on budget and in scope.
60,000	15,000	3,969	11,031	74%	Hydraulic analysis completed in Q3, RFP issued in Q4. Construction to be completed in conjunction with the CAWW Western Trunk Twinning project, planned to occur in 2022. Project on budget and in scope.
300,000	20,000	104,041	(84,041)	-420%	Demolition of existing structures began in Q4, with bypass pumping and associated costs coming in higher than forecast. Primary construction work put on hold due to weather and the complexities of bypass pumping required. Construction work delayed until 2022. Overall project still forecast to be complete by the end of 2022, on scope and budget.
1,480,000	10,000	294	9,706	97%	Project to be completed in conjunction with RWS Goldstream Main No. 4 Replacement project. Design to begin in Q1 2022. Project on budget and in scope.
42,765	3,000	6,396	(3,396)	-113%	Total project budget increased through capital plan amendment, per direction and approval of Commission in Q3. Increase due to extended construction schedule, unexpected tree removal, and interference with underground water main. Project completed in Q4.
-	-	34,106	34,106	-100%	Recognizing credit in Q4 for in-kind donation. Completion deferred to early 2022. Project is in-scope and on budget.
-	-	-	-	0%	Project completed in Q2 in scope, on-time, and on budget.
170,000	135,374	10,144	125,230	93%	Construction of on-shore works completed in Q2. Dock works commenced in Q3 with forecasted completion deferred to 2022 due to construction timing within fisheries window. Project in scope and on budget.
-	397,867	462,645	(64,778)	-16%	Sewer upgrade work substantially complete in Q4. Minor deficiencies identified which contractor is expected to correct by Q2, 2022. Treatment Plant portion of project to commence in 2023 with completion in 2024.
750,000	-	-	-	0%	Project proceeding was fully contingent on receipt of grant funding. Grant funding awarded late in Q3. Consultant expected to begin design work in Q1, 2022. Construction to commence in 2023.
525,273	50,000	27,397	22,603	45%	Phase 3 substantially completed in Q3 and opened to the public. Minor work continuing on Phase 3 rail crossing in Q4. Phase 4 projected to complete in 2022.
700,000	500,000	26,330	473,670	95%	Revised design specification developed in Q4 based on more comprehensive sampling. Project scope has been revised to complete a single Elk Lake oxygenation system at this time, and reevaluate needs for system in Beaver Lake as needed. Revised project completion projected for Q4 2022.
383,336	100,000	39,046	60,954	61%	Project design completed, with community consultation and design costs incurred in Q4. Construction to begin in Q2 2022, with completion in 2023.

Total 2021				
Total 2021 Amended Budget (as per approved budget)	Total 2021 Forecast	Total 2021 Actuals	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
800,000	172,816	135,396	37,420	22%
800,000	799,964	795,168	4,796	1%
4,610,000	274,694	214,335	60,359	22%
640,000	-	-	-	0%
1,200,000	986,616	752,231	234,385	24%
1,100,000	19,141	8,110	11,031	58%
850,000	186,611	270,652	(84,041)	-45%
1,800,000	10,000	294	9,706	97%
742,765	731,162	734,558	(3,396)	0%
600,000	486,997	452,891	34,106	7%
625,000	624,451	624,451	-	0%
965,000	955,350	830,120	125,230	13%
5,750,000	2,111,669	2,176,447	(64,778)	-3%
3,000,000	-	-	-	0
3,869,459	2,434,682	2,412,079	22,603	1%
1,400,000	519,787	46,117	473,670	91%
1,214,425	202,158	141,204	60,954	30%

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	Change in annual plan
R	Changes to project plan (may result in 2021 Budget Amendment or included in 2022 Capital Plan)

Status of Total Project Plan			
Scope	Timing	Budget	Notes
	R	R	S - on plan T - completion deferred to 2022 B - Revision to 2022 capital plan
			S - on plan T - on plan B - on plan
	R	R	S - on plan T - completion deferred to 2022 B - Revision to 2022 capital plan
	R	-	S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - completion deferred to Q2 2022 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - construction deferred to 2022 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
		R	S - on plan T - completed in Q4 2021 B - 2021 budget amended
	R		S - on plan T - completion deferred to 2022 B - on plan
			S - on plan T - on plan B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - completion deferred to 2024 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
	R		S - on plan T - completion deferred to 2022 B - on plan
R	R		S - Revised due to additional sampling T - completion deferred to 2022 B - on plan.
	R		S - on plan T - completion deferred to 2023 B - on plan

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Department	Service Description	Capital Project Title
Parks and Environmental Services	Regional Parks	Construct Hamsterly Beach Washroom
	Panorama Recreation	Heat Recovery Plant
	Panorama Recreation	Multi-Purpose Sports Field
	Environmental Resource Management	Aggregate Production for internal Use
	Environmental Resource Management	Landfill Gas Utilization
Parks and Environmental Services	Environmental Resource Management	Hartland North Site Buffer Acquisition
	Millstream Site Remediation	Millstream Remediation
Planning & Protective Services	Land Banking & Housing	RHFP - Hockley (Langford) (CRD/CMHC/CRHC)
	Land Banking & Housing	RHFP - Prosser (CRD/CMHC/CRHC)
	911 Call Answer	Next-Generation 911 Call Answer Technology Upgrade
Facilities	CRD Headquarters	1st Floor Redesign
Royal Theatre	Royal Theatre	Repair Building Envelope
Total Projects >\$500k		
Total Projects <\$500K; Potential Parkland Acquisitions		
Total Projects		

Quarter 4					
Q4 Budget	Q4 Forecast	Q4 Actuals	Variance (over) / under	Variance % (over) / under	Q4 Variance Explanation (if necessary)
60,000	50,000	31,710	18,290	37%	Project tendered in Q4, with contract award forecast for Q1, 2022. Project on budget, in scope and forecast to be completed in 2022.
817,667	-	-	-	0%	Project is on hold as it has not recieved the required grant funding. Plans for an alternate funding model are being developed.
634,119	634,119	116,804	517,315	82%	Site preparation and playground relocation progressing as planned, Construction work deferred from Q4 to Q1, 2022. Jump Start sport court forecast to be complete in Q1 2022.
1,500,000	1,400,000	610,526	789,474	56%	New contract for aggregate production for Hartland Landfill awarded in Q3. Contractor progress was delayed as a result of the heavy rain event in November. 2021 phase of multi-year project to be completed in 2022.
750,000	813,000	169,509	643,491	79%	RFP tender process initiated in Q3, with further refinements determined during Q4. Second phase of RFP process deferred to 2022. Multi-year project forecast to be complete in scope and budget by end of 2023.
-	-	-	-	0%	Final purchase was complete in Q2. Overall project complete in scope and under budget.
150,866	49,570	30,334	19,236	39%	Awaiting for Ministry of Environment approval. Overall project is still in scope and on budget but will be deferred into 2022.
-	-	-	-	0%	Hockley purchase by CRD and lease to CRHC complete in Q1. Project completed better than plan.
-	-	302	(302)	-100%	Minor legal fees deferred from Q3 to Q4. Final turn-key purchase to take place in 2022, on plan.
-	-	-	-	0%	Project proceeding is fully contingent on new regulation from Canadian Radio-Television and Telecommunications (CRTC). The project scope, timing and budget are to be confirmed after issuance of the published regulation; timing unknown at this stage.
	300,000	391,755	(91,755)	-31%	Project construction started Q4 with better than projected progress in Q4, Project completion scheduled for Q4 2022.
-	430,000	-	430,000	100%	Project is on hold pending availability of a grant.
24,449,026	14,359,993	10,333,616	4,026,376	28%	

Total 2021				
Total 2021 Amended Budget (as per approved budget)	Total 2021 Forecast	Total 2021 Actuals	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
600,000	99,728	81,438	18,290	18%
2,453,001	-	-	-	0%
1,268,238	920,846	403,531	517,315	56%
4,250,000	3,321,485	2,532,011	789,474	24%
1,355,000	1,354,223	710,732	643,491	48%
2,000,000	1,755,227	1,755,227	-	0%
632,597	199,597	180,361	19,236	10%
32,683,518	31,033,390	31,033,390	-	0%
505,000	506,831	507,134	(302)	0%
1,000,000	-	-	-	0%
1,885,000	653,578	745,333	(91,755)	-14%
530,000	430,000	-	430,000	100%
222,908,820	165,008,047	160,981,671	4,026,376	2%
63,322,454				
286,231,275				

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R	Changes to project plan (may result in 2021 Budget Amendment or included in 2022 Capital Plan)

Status of Total Project Plan			
Scope	Timing	Budget	Notes
	R		S - on plan T - completion deferred to 2022 B - on plan
	R		S - on plan T - deferred pending grant funding B - on plan
	R		S - on plan T - completion deferred to Q1 2022 B - on plan
	R		S - on plan T - project completion in 2022 B - on plan
	R		S - on plan T - RFP completion deferred to 2022 B - on plan
			S - on plan T - on plan B - better than plan
	R		S - on plan T - completion deferred to 2022 B - on plan
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
			S - delay pending regulatory direction T - delay pending regulatory direction B - delay pending regulatory direction
	R		S - on plan T - completion deferred to 2022 B - on plan
			S - on plan T - deferred pending grant funding B - on plan

Capital Regional District
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Projects Greater than \$500,000

	As planned or better than plan
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Department	Service Description	Capital Project Title
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CRHD		
Planning & Protective Services	Capital Regional Hospital District	Oak Bay Lodge Demolition
		Land Acquisition - Royal Bay
		Regional Housing First Program Contribution
	Total Projects >\$500k	
Total Projects <\$500K; Capital Grants		
Total Projects		

CRHC		
Planning & Protective Services	Regional Housing	Michigan redevelopment Housing
		Caledonia Redevelopment Housing
		Hockley Prepaid Site Lease
		Triway Redevelopment Housing
		Routine Capital
	Total Projects >\$500k	
Total Projects <\$500K		
Total Projects		

Quarter 4					
Q4 Budget	Q4 Forecast	Q4 Actuals	Variance (over) / under	Variance % (over) / under	Q4 Variance Explanation (if necessary)

1,666,667	1,515,698	569,180	946,518	62%	Project was delayed due to skilled worker shortages and the discovery of additional hazardous materials requiring further testing prior to abatement. Demolition to be complete in 2022.
7,200,000	6,810,000	6,816,619	(6,619)	0%	Land acquisition complete in Q4. Closing costs were slightly higher in Q4 than forecast. Total project complete in scope and under budget.
10,000,000	-	-	-	0%	Contribution has been deferred to 2022 and is now included in the 2022 capital plan.
18,866,667	8,325,698	7,385,799	939,899	11%	

849,000	1,563,485	302,368	1,261,117	81%	Q4 variance due to timing of consultants and contract tendering - these costs will be pushed to 2022. Demolition started in Q4 in line with forecast.
3,085,202	300,000	29,384	270,616	90%	Q4 variance due to timing of consultants and contract tendering, now deferred to 2022. Demolition to begin early 2022, with completion still forecast to 2024.
-	-	-	-	0%	Hockley purchase by CRD and lease to CRHC complete in Q1.
3,475,168	3,200,000	3,103,922	96,078	3%	Q4 variance due to timing of construction draws. Completion forecast for Q4 2022.
1,994,739	1,994,739	376,777	1,617,962	81%	Routine upgrades of housing townhouses and apartment buildings are affected by tenant moveouts, trades availability and weather.
9,404,109	7,058,224	3,812,451	3,245,773	46%	

Total 2021				
Total 2021 Amended Budget (as per approved budget)	Total 2021 Forecast	Total 2021 Actuals	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under

5,000,000	2,932,209	1,985,691	946,518	32%
8,400,000	8,044,165	8,050,784	(6,619)	0%
10,000,000	-	-	-	0%
23,400,000	10,976,374	10,036,475	939,899	4%
11,560,824				
34,960,824				

2,296,000	2,097,931	836,814	1,261,117	60%
13,871,636	1,089,088	818,472	270,616	25%
25,575,117	25,408,892	25,408,892	-	0%
11,983,338	5,480,288	5,384,210	96,078	2%
3,989,478	3,635,107	2,017,145	1,617,962	45%
57,715,569	37,711,306	34,465,533	3,245,773	6%
1,068,997				
58,784,566				

Status of Total Project Plan			
Scope	Timing	Budget	Notes

	R		S - increased due to discovery of additional hazardous materials T - completion deferred 2022 B - better than plan
			S - on plan T - on plan B - better than plan
	R		S - on plan T - contribution deferred to 2022 B - on plan

	R		S - on plan T - costs delayed to 2022 B - on plan
	R		S - on plan T - construction deferred to 2022 B - on plan
			S - on plan T - on plan B - better than plan
	R		S - on plan T - some construction deferred to 2022 B - on plan
	R		S - on plan T - costs delayed to 2022 B - on plan