

Capital Regional District
2022 - Quarter 1 - 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 2022 Budget Amendment or included in 2023 Capital Plan)

Department	Service Description	Capital Project Title
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Quarter 1				
Q1 Budget	Q1 Actuals	Variance (over) / under	Variance % (over) / under	Q1 Variance Explanation

Total 2022			
Total 2022 Budget (as per approved budget)	Total 2022 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under

Status of Total Project Plan			
Scope	Timing	Budget	Notes

CRD		
Integrated Water Services	Core Area Wastewater	Core Area Wastewater Treatment Project
	Core Area Wastewater	Bowker Sewer Rehabilitation
	Core Area Wastewater	Marigold Electrical and Building Upgrades
	Core Area Wastewater	Annual Provisional Emergency Repairs
	Core Area Wastewater	SCADA and Radio Assessment
	Regional Water Supply	Goldstream IWS Field Office
	Regional Water Supply	Replacement of UV System
	Regional Water Supply	Butchart Dam No. 5 Remediation
	Regional Water Supply	Replace Gatehouse at Goldstream Entrance
	Regional Water Supply	RWS Supply Main No. 4 Upgrade
	Regional Water Supply	Vehicle & Equipment Replacement (Funding from Replacement Fund)
	Regional Water Supply	Integrate Dam Performance and Hydromet to SCADA
	Regional Water Supply	Main No.3 Segment Replacement
	Regional Water Supply	Sooke Lake Dam - Instrumentation System Improvements
	IDF Water Distribution	Rocky Point Upgrades
IDF Water Distribution	Goldstream AC Replacement	
IDF Water Distribution	AC Pipe Replacement Program	
IDF Water Distribution	Bear Mountain Parkway Extension Supply Mains	

4,087,500	1,000,235	3,087,265	76%	Substantial completion for the project was achieved in 2021, with remaining commitments being extinguished in 2022 and through the end of the warranty period for the wastewater treatment plant in Q1 2023. Other long term commitments to external stakeholders will be addressed and completed into 2023 and beyond, as outlined within the CAWTP business case.
80,000	159,321	- 79,321	-99%	Accelerated consultancy work has resulted in additional consulting expenditures in Q1. Procurement of works currently forecasted for Q2 as planned. Total project remains within scope and budget. Completion of project currently estimated to be Q3 of 2023.
40,000	39,636	364	1%	Preliminary design and review work conducted in Q1. Construction now anticipated to start Q4 2022 and continue into Q2 2023. Project is on scope and in budget.
250,000	78,111	171,889	69%	Q1 costs a result of emergency sanitary sewer connection work at a local school. This project addresses emergency repairs arising from unforeseen events and circumstances. Overall project costs will fluctuate throughout the year dependent on magnitude, scope, and urgency of emergency repairs required. Project forecast to remain in scope and budget.
150,000	36,439	113,561	76%	Initial assessment of existing infrastructure and development of SCADA master plan began in Q1. Main component purchases will be delayed until the end 2022, with the majority of spending beginning 2023.
50,000	3,731	46,269	93%	Request for Proposal for design work issued end of Q1, with costs deferred to Q2. Design work to begin end of Q2, with construction delayed until 2023 due to resource availability. Overall project in scope and budget.
150,000	96,928	53,072	35%	Detailed design to start in Q2 instead of Q1, and forecasting to secure UV equipment contract in Q4. Equipment purchases and construction to be deferred into 2023, based on resource availability. Overall project in scope and budget.
250,000	9,822	240,179	96%	Project management costs incurred in Q1 related to monitoring of Phase 1 remediation, completed in 2021. 2022 costs are forecast to be for further monitoring throughout the year, to determine if phase 2 remediation work is required. If Phase 2 remediation is required, construction will be deferred to 2023. Overall project in scope and budget.
100,000	6,462	93,538	94%	Request for Qualifications process completed late in Q1, with work to begin in Q2. Overall project in scope and budget.
300,000	-	300,000	100%	RFP for design consultant delayed from Q1 to Q2. Design work now forecast for Q3 and Q4, with construction delayed to 2023 due to resource availability. Overall project in scope and budget.
55,000	-	55,000	100%	Supply chain issues and availability impacting ability to procure electric vehicles for 2022. Limited number of vehicles expected to be received in Q4, with remainder forecast for 2023 and 2024
-	2,098	- 2,098	-100%	Minor transactions on hardware purchase in Q1. Further spending forecast for Q2 and Q3 on minor parts and installation, with planning and design in Q4. Bulk of work deferred to 2023. Overall project in scope and budget.
100,000	-	100,000	100%	RFP for design consultant delayed from Q1 to Q2. Design work forecast for Q3 and Q4, with construction delayed to 2023. Overall project in scope and budget.
75,000	1,691	73,309	98%	Planning for detailed design and construction phases completed in Q1. Detailed design and permitting forecast for 2022 and 2023 due to resource availability, with overall project completion forecast for 2024.
2,200,000	2,825,583	625,583	-28%	Construction was underway in Q1, with some work accelerated from Q2 to Q1. Overall project completion delayed until Q1 2023 due to material availability. Project remains in scope and budget.
1,200,000	22,785	1,177,215	98%	Project was tendered in Q1 with received tenders higher than budget. Materials are forecast to be purchased in 2022, with construction deferred into 2023. Construction budget and schedule are being re-evaluated for the 2023 5-year Capital Plan.
1,200,000	833,366	366,634	31%	Q1 activity includes pipe replacement at Dufour Rd, O'Neil Rd, Whiffin Spit and Possession Point, with residual costs in Q2. Overall 2022 phase of multi-year project on budget, scope and schedule for completion in 2022.
-	-	-	0%	Project construction costs forecast to be incurred in Q2, in line with budget.

16,350,000	4,750,235	11,599,765	71%
8,475,000	6,279,321	2,195,679	26%
2,200,000	284,636	1,915,364	87%
1,000,000	828,111	171,889	17%
800,000	136,439	663,561	83%
3,350,000	503,731	2,846,269	85%
3,100,000	366,928	2,733,072	88%
2,000,000	84,822	1,915,179	96%
1,710,000	1,706,462	3,538	0%
1,500,000	130,000	1,370,000	91%
1,205,250	320,000	885,250	73%
1,000,000	637,098	362,902	36%
600,000	130,000	470,000	78%
600,000	76,691	523,309	87%
8,871,000	8,725,583	145,417	2%
5,100,000	1,212,785	3,887,215	76%
3,366,000	3,366,000	0	0%
1,500,000	1,500,000	-	0%

	R		S - on plan T - closeout costs complete in Q1 2023 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
			S - on plan T - on plan B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
	R		S - on plan T - construction deferred to 2023 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
			S - on plan T - completion planned for Q4 2022 B - on plan
	R		S - on plan T - construction deferred to 2023 B - on plan
	R		S - on plan T - deliveries delayed to 2023 and 2024 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
	R		S - on plan T - construction deferred to 2023 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	R	S - on plan T - construction deferred to 2023 B - budget to be amended in 2023 plan
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan

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Department	Service Description	Capital Project Title	Quarter 1				Q1 Variance Explanation
			Q1 Budget	Q1 Actuals	Variance (over) / under	Variance % (over) / under	
Integrated Water Services	JDF Water Distribution	Sun River Reservoir Replacement	200,000	86,474	113,526	57%	Detailed design occurred in Q1 with residual costs in Q2. Construction to be initiated in Q2 and continue in Q3. Project is on scope, in budget, and forecast to be complete in 2022.
	JDF Water Distribution	Residential Service & Meter Replacement Program	325,000	266,070	58,930	18%	Annual Provisional program, for planned and replace-on-fail activity. Q1 activity resulted from failure of meters ahead of planned work. Overall project is forecast to be in scope and budget.
	JDF Water Distribution	Vehicle & Equipment Replacement (Funding from Replacement Fund)	-	-	-	0%	Supply chain issues and availability impacting ability to procure electric vehicles for 2022. Some commitments expected in 2022, but no vehicles expected to be received until 2023 and 2024.
	JDF Water Distribution	Sooke Henlyn Supply & Distribution Mains	-	-	-	0%	Project to begin when associated housing development work has been completed. Project work expected to be delayed to 2023 as housing development work is not ready for project to start.
	JDF Water Distribution	Comprehensive Pump Station Upgrades (10 year Program)	150,000	25,452	124,548	83%	Construction of tendered Ludlow Pump Station initially anticipated to be complete Q1 2022, delayed due to equipment supply. Construction forecast to be complete Q3 2022, with project in scope and budget.
	JDF Water Distribution	JDF Reservoir Upgrades	100,000	47,737	52,263	52%	Design work in Q1, timing of construction to occur in Q3 and Q4 due to seasonal construction requirements. Project on scope and in budget.
	JDF Water Distribution	William Head & VGH Meter Replacement	15,000	8,183	6,817	45%	Consulting costs lower than anticipated for Q1, with procurement to begin Q2. Overall project forecast to be complete in 2022, in scope, budget and schedule.
	JDF Water Distribution (DCC)	McCallum Pump Station and Tank 4	1,500,000	27,532	1,472,468	98%	Design work in Q1, start of construction delayed to Q2. Permitting challenges may push bulk of construction work to Q3 and Q4 - construction schedule to be revised with completion into 2023. Project is on scope and in budget.
	Regional Water Supply & JDF Distribution	Voice Radio Upgrade	100,000	3,459	96,541	97%	Design work in Q1. Contract awarded to begin upgrade work began in Q2. Timing of completion expected to be late 2023. Project in scope and on budget.
	Regional Water Supply & JDF Distribution	Portable Pump Station	20,000	5,524	14,476	72%	Consulting costs incurred in Q1, with procurement delayed to start Q2. Project in scope, budget and schedule.
	Saanich Peninsula Treatment Plant	Trunk Sewer Relining	50,000	3,087	46,913	94%	Project initiation costs began in Q1 to prepare for the procurement of consultant in Q2. Majority of project spend will be deferred until 2023. Project remains on scope and budget.
	Saanich Peninsula Treatment Plant	SPWWTP Concrete Tank Repairs	20,000	27,251	7,251	-36%	Design reviewed and contract tender initiated in Q1. Budget amendment required to carry forward unspent funds from 2021 to be used in 2022. Overall project forecast to be completed in 2022 on time, scope, and budget upon amendment.
	Saanich Peninsula Water Supply	SPW System Upgrade and Expansion	275,000	-	275,000	100%	Work to be re-tendered and scheduled for start in Q1 2023. Costs associated with re-tendering will be seen in Q3 and Q4 2022.
Saanich Peninsula Water Supply	Keating Cross Road Water Main	-	-	-	0%	This water main replacement project is driven by the MoTI Keating Cross Road Over Pass project. MoTI has recently (May 2022) indicated that the water main portion of its project will likely occur in the spring of 2023.	
Saanich Peninsula Water Supply	Hamsterly Pump Station Backup Power Generator	15,000	-	15,000	100%	Tendered prices higher than budget, 2023 capital plan to be amended with budget for increased costs. Material supply the main driver for construction cost increase.	
Local Services	Community Parks (SS)	Centennial Park Upgrades	150,000	-	150,000	100%	Grant funding awarded late in Q1, with expenses on construction to begin in Q2. Completion is forecast for Q1, 2023, with project in scope and on budget.
	Parks and Recreation (SS)	Recreation Centre Expansion	861,388	208,190	653,198	76%	Bulk of spending occurred before 2022, under prior year's capital plan. Q1 spending was some remaining construction and supplies, with residual costs expected for Q2 & Q3. Project to be complete in 2022.
	Magic Lake Sewer Utility (SG)	Pump Station and Treatment Plant Upgrades & Sewer Replacement	105,000	131,044	26,044	-25%	Design phase started in Q1 with completion expected in Q4. Plan to take delivery of plant equipment in Q4 with construction of pump station and sewer replacement to begin in Q1, 2023. Project is in scope and on budget.
Parks and Environmental Services	Regional Parks	Construct E&N Trail Phases 3 & 4	200,000	21,990	178,010	89%	Remaining costs on Phase 3 completed in Q1. Phase 4 to be lead by City of Victoria, with remaining costs to be incurred by Q4.
	Regional Parks	Purchase and Install Elk Lake Remediation Systems	40,000	91,097	51,097	-128%	Initial design work completed in Q1 ahead of schedule. Substantial design forecast to be completed and tender to be issued in Q2, with construction in Q3.
	Regional Parks	Mayne Island Demonstration Trail	100,000	117,618	17,618	-18%	Tree removal completed in Q1. Overall project progressing on plan.

Total 2022			
Total 2022 Budget (as per approved budget)	Total 2022 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
1,475,000	1,466,474	8,526	1%
1,300,000	1,241,070	58,930	5%
1,060,000	-	1,060,000	100%
1,000,000	-	1,000,000	100%
700,000	699,452	548	0%
650,000	647,737	2,263	0%
550,000	548,183	1,817	0%
8,000,000	4,527,532	3,472,468	43%
1,250,000	855,859	394,141	32%
550,000	410,524	139,476	25%
1,050,000	323,087	726,913	69%
1,100,000	1,579,251	(479,251)	-44%
1,775,000	300,000	1,475,000	83%
1,000,000	-	1,000,000	100%
815,000	-	815,000	100%
600,000	300,000	300,000	50%
1,202,735	348,190	854,545	71%
4,100,000	531,044	3,568,956	87%
1,200,000	1,200,000	0	0%
1,367,000	1,367,000	0	0%
1,014,425	1,014,425	0	0%

Status of Total Project Plan			
Scope	Timing	Budget	Notes
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
	R		S - on plan T - delayed to 2023 and 2024 B - on plan
	R		S - on plan T - deferred to 2023 B - on plan
			S - on plan T - completion Q3 2022 B - on plan
			S - on plan T - completion Q4 2022 B - on plan
			S - on plan T - on plan B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
			S - on plan T - completion Q4 2022 B - on plan
	R		S - on plan T - completion deferred to 2023 B - on plan
		R	S - on plan T - on plan B - amendment required in Q2
	R		S - on plan T - construction deferred to 2023 B - on plan
	R		S - on plan T - deferred to 2023 B - on plan
	R	R	S - on plan T - deferred to 2023 B - budget to be amended in 2023 plan
	R		S - on plan T - completion delayed until 2023 B - on plan
			S - on plan T - on plan B - on plan
	R		S - on plan T - construction delayed until 2023 B - on plan
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Department	Service Description	Capital Project Title
Parks and Environmental Services	Regional Parks	Construct Hamsterly Beach Washroom
	Regional Parks	Repair GGRT Bridges (5)
	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
	Environmental Resource Management	Lower Lagoon Bank Emergency Stability Improvements
	Millstream Site Remediation	Millstream Remediation
Facilities	CRD Headquarters	Interior Renovations
Royal Theatre	Royal Theatre	Repair Building Envelope
McPherson Theatre	McPherson Theatre	Repair East Elevation Wall
		Total Projects >\$500k
		Total Projects <\$500k; Potential Parkland Acquisitions
		Total Projects

Quarter 1				
Q1 Budget	Q1 Actuals	Variance (over) / under	Variance % (over) / under	Q1 Variance Explanation
50,000	43,648	6,352	13%	Project tendered during Q1. Construction to begin on schedule in Q2.
20,000	35,882	-15,882	-79%	Veitch Creek Bridge Design completed in Q1, slightly ahead of schedule. Tendering forecast for Q2 with construction to begin in Q3. Budget amendment required to carry forward unspent funds from 2021 to be used in 2022.
-	-	-	0%	Project is on hold pending availability of grant funding. Currently no grants are available that aligns with this project. Options being reviewed for next capital plan.
864,704	169,879	694,825	80%	Completion of project delayed due to weather and timing of JumpStart Charities in Q1. Project forecast to be substantially complete in Q2.
685,000	498,449	186,551	27%	Phase 2 Blasting, Excavation and Stockpiling begun in Q1, continuing throughout the year. 2022 phase of project forecasted to be completed in scope and on budget. Multi-year project will end in 2023.
215,000	97,965	117,035	54%	Development of Request for Proposal Step 1 Evaluation Summary Notes begun in Q1, with release of tender in Q2. Construction anticipated to begin in Q3. Overall project in scope and budget, with forecasted completion for end of 2023.
25,000	9,378	15,622	62%	Project start delayed waiting for additional Geotechnical review and design input, completed at the end of Q1. Stability improvements work will be conducted throughout Q2-Q4 2022.
100,000	24,925	75,075	75%	Awaiting for Ministry of Environment approval. Overall project is still forecast to be complete in scope and on budget in 2022.
250,000	603,879	-353,879	-142%	Work continuing to progress on 1st and 3rd Floor renovations from 2021. Initial occupancy of renovated space forecast to begin Q2. Budget amendment required to carry forward unspent funds from 2021 to be used in 2022.
-	-	-	0%	Project is on hold pending availability of a grant. RMTS has not been successful on most recent grant application. Options being reviewed for next capital plan.
-	-	-	0%	Project will be initiated in Q2 as planned. Forecast to be within scope and budget.
16,723,592	7,670,920	9,052,672	54%	

Total 2022			
Total 2022 Budget (as per approved budget)	Total 2022 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under
720,000	720,000	0	0%
600,000	929,000	(329,000)	-55%
2,452,998	1,635,332	817,666	33%
864,704	864,704	0	0%
4,635,000	4,634,449	551	0%
11,265,000	11,264,965	35	0%
800,000	794,378	5,622	1%
750,000	749,925	75	0%
1,500,000	2,640,000	(1,140,000)	-76%
750,000	750,000	-	0%
2,109,000	2,109,000	-	0%
120,933,112	73,381,422	45,442,690	38%
60,203,474			
181,136,586			

Status of Total Project Plan			
Scope	Timing	Budget	Notes
			S - on plan T - on plan B - on plan
		R	S - on plan T - on plan B - amendment required in Q2
	R		S - on plan T - deferred pending grant funding B - on plan
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
		R	S - on plan T - on plan B - amendment required in Q2
	R		S - on plan T - deferred pending on grant funding B - on plan
			S - on plan T - on plan B - on plan

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Department	Service Description	Capital Project Title
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Quarter 1				
Q1 Budget	Q1 Actuals	Variance (over) / under	Variance % (over) / under	Q1 Variance Explanation

Total 2022			
Total 2022 Budget (as per approved budget)	Total 2022 Forecast	Total Forecast Variance (over) / under	Total Forecast Variance % (over) / under

Status of Total Project Plan			
Scope	Timing	Budget	Notes

CRHD		
Planning & Protective Services	Capital Regional Hospital District	Oak Bay Lodge Demolition
		Regional Housing First Program Contribution
Total Projects >\$500k		
Total Projects <\$500k; Capital Grants		
Total Projects		

505,233	842,688	(337,455)	-67%	Q1 variance related to project delays attributed to labour shortage and discovery of additional contaminated materials which also increased the project scope. Amendment to the 2022 CRHD capital plan to go to CRHD Board in Q2.
-	-	-	0%	Contribution to RHFP forecast to occur in Q4 as planned.
505,233	842,688	(337,455)	-67%	

505,233	842,688	(337,455)	-67%
10,000,000	10,000,000	-	0%
10,505,233	10,842,688	-337,455	-3%
10,941,082			
21,446,315			

R		R	S - increased scope T - completion delayed until Q3 B - amendment required in Q2
			S - on plan T - on plan B - on plan

CRHC		
Planning & Protective Services	Regional Housing	Michigan redevelopment Housing
		Caledonia Redevelopment Housing
		Prosser Prepaid Lease
		Triway Redevelopment Housing
		Carey Lane BER
		Routine Capital
		Total Projects >\$500k
Total Projects <\$500k		
Total Projects		

1,882,180	1,572,710	309,470	16%	Q1 variance due to timing of construction draws and trades availability. Overall project in scope and budget, with forecasted completion for end of 2023.
200,000	185,232	14,768	7%	Demolition mostly complete and cleanup underway in Q1. Construction to begin on plan in Q3. Overall project in scope and budget, with forecasted completion for end of 2024.
-	-	-	0%	Costs forecasted to occur in Q4, in line with budget.
2,999,432	3,287,058	287,626	-10%	Q1 variance due to timing of construction draws with some work accelerated due to trades availability. Project forecast to be complete in Q4, on budget.
25,000	23,250	1,750	7%	Design and planning costs incurred in Q1. Construction forecast to begin in Q4, in line with budget.
385,862	337,328	48,534	13%	Q1 largely on plan. Routine upgrades of housing townhouses and apt buildings are affected by tenant moves, trades availability and weather.
5,492,474	5,405,578	86,896	2%	

18,821,799	18,772,710	49,089	0%
13,000,000	12,985,232	14,768	0%
16,981,555	16,981,555	-	0%
14,997,160	14,997,058	102	0%
1,875,000	1,873,250	1,750	0%
3,858,624	3,858,624	-	0%
69,534,138	69,468,429	65,709	0%
760,000			
70,294,138			

			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan
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			S - on plan T - on plan B - on plan
			S - on plan T - on plan B - on plan