

ERM 25-37

REPORT TO ENVIRONMENTAL SERVICES COMMITTEE MEETING OF WEDNESDAY, OCTOBER 15, 2025

SUBJECT Environmental Resource Management – 2026 Operating and Capital Budget

ISSUE SUMMARY

To provide an overview of the draft Environmental Resource Management (ERM) 2026 budget, highlighting the changes from the 2025 budget.

BACKGROUND

The Capital Regional District (CRD) established a local service for solid waste disposal in 1973. The ERM division is responsible for municipal solid waste management, including waste reduction, recycling programs and the operation of Hartland Landfill.

ERM, in the capital region, is based on the Ministry of Environment & Parks 5R pollution prevention hierarchy of Reduce, Reuse, Recycle, Resource Recovery and Residuals Management, with the goal of extending the life of Hartland Landfill by minimizing waste disposal and maximizing diversion opportunities. The CRD's solid waste mandate, using the 5R pollution hierarchy, is delivered to the community through a provincially mandated and recently approved regional Solid Waste Management Plan (SWMP). The SWMP targets reducing per capita waste from the current rate of 338 kg/capita (2024) to 250 kg/capita by 2030.

All costs associated with the CRD's solid waste disposal and diversion programs are funded through tipping and user fee revenues at Hartland Landfill, service delivery agreements for stewarded materials, sale of energy and sale of recyclables. There is no requisition for this service.

DISCUSSION

The draft ERM 2026 budget has been prepared for consideration by the Environmental Services Committee (Appendix A).

2025 Year-End Financial Projections

There is an estimated net unfavorable variance of \$1.2 million for ERM's 2025 operating budget. This variance will result in a reduction of the capital reserve transfer at year end. The net variance is due to a reduction in revenue (\$4.9 million) offset by savings in operating expenditures (\$3.7 million). Details can be found in Appendix A under the 2025 Estimated Actual column.

Year-end revenue and expenditure projections for 2025 have been established, and estimated variances are summarized, as follows:

Budget Item	Variance (\$) 2025 Estimated Surplus / - Deficit	Variance (%) 2025 Estimated Surplus / - Deficit
Diversion Services Expenditures	\$2,700,000	9.6%
Landfilling Services Expenditures	\$275,000	1.8%
Energy Recovery Services Expenditures	\$700,000	19.2%
Total Operating Expenditures	\$3,725,000	7.9%
Revenue: Tipping Fee	-\$850,000	-2.8%
Revenue: Other	-\$4,100,000	-17.1%
Total Revenue	-\$4,950,000	-6.0%
Reserve Fund Transfers	-\$1,225,000	-30.6%

Operating cost variance/savings (7.9%): Expenses related to the program development in the Hartland diversion program, community support program in the waste diversion services, and contract for services and electricity cost in the energy recovery services are forecasted to be lower than budget, due to delayed completion of the Renewable Natural Gas (RNG) plant, resulting in \$3.7 million savings.

Revenue variance/pressures (-6.0%): Overall total revenue is expected to be lower than budgeted by \$4.9 million. While other revenue for 2025 forecasted to be higher than budgeted by \$1.4 million, the solid waste tipping revenue for 2025 is forecasted to be lower than budget due to decreased tipping fee revenues from quantity of solid waste being received by \$850,000. The Operating Reserve transfer is forecasted to be \$2.9 million below the budget, and RNG sales revenue is forecasted to be lower than budgeted by \$2.6 million due to the postponed project completion date of the Hartland Biogas Upgrading Plant construction.

The 2025 net budget deficit of \$1.2 million will be funded by reducing the capital reserve transfer.

2026 Operating Budget

The draft ERM 2026 budget was prepared, considering the Board's 2026 Service and Financial Planning Guidelines, and the goals set out in the new Board approved SWMP. The following are key components of the proposed ERM 2026 budget:

Operating Budget

Operating budget expenses have increased by a total of \$1.5 million over 2025 budget (3.2%), as follows:

- Diversion Services: decreased expenses by \$1.1 million over 2025 budget (-3.9%)
 - Reduced Hartland diversion program development expenditures including the new diversion initiatives such as the waste collector incentive program to more accurately reflect projected program uptake based on actual 2025 experience.
- Landfilling Services: increased by \$1.3 million over 2025 budget (8.8%)
 - Standard Overhead Allocation
- Energy Recovery Services: increased by \$1.3 million over 2025 budget (35.8%).
 - Annualization of RNG operating contract and utility usage. The 2025 budget only includes a partial year of RNG expenses based on assumed project completion timing.

Operating budget revenues are budgeted to increase by a total of \$2.7 million (13.3%), as follows:

- Diversion Services revenue increase \$2.5 million (18.8%): Blue Box revenue increase from Recycle BC, recycling tipping fees, and compost tipping fees
- Landfilling Services revenue increase \$110,000 (0.4%): revenue from general refuge tipping fee increases
- Energy Recovery Services revenue increase of \$150,000 (2.3%): revenue from the new RNG facility, based on first full year of operation

Capital/Reserve Transfer

Transfers to reserves are allocated to the Operating Reserve fund, Equipment Replacement fund and Capital Reserve fund. The 2026 transfer to reserve budget is \$1.6 million, which is a 68% decrease over 2025. This decrease is due to lower RNG revenue and annualization of RNG operating contract and utility cost adjustments. While transfers to reserves may fluctuate year to year, reserve balances are managed to meet minimum corporate reserve balance guidelines.

Debt Servicing

Current debt servicing costs relate to borrowing under Loan Authorization Bylaw No. 4515 for funding to complete the planned infrastructure and improvements in the 2023-2027 capital plan. The authorized \$22.1 million in borrowing was issued under four separate loan issues, which are set to expire between 2038 and 2040. Annual interest and principal payments under this bylaw are \$1.9 million per year. The total 2026 budgeted debt servicing costs include the abovementioned interest and principal payments, as well as an additional \$580,000 of new debt servicing costs associated with Cell 5 and 6 Gravity Retaining Wall Construction and Existing Utilities - Relocate for Cell 5 projects. Details can be found in Appendix A – Operating Budget.

Table 1: 2026 Year-Over-Year Budget Comparison

Expenditure Type	2026 Financial Plan	2025 Financial Plan	Change	% Change
Operations	\$48,842,421	\$47,312,957	\$1,529,464	3.2%
Debt Servicing	\$2,554,790	\$2,026,178	\$528,612	26.1%
Transfers to Capital / Reserves	\$1,562,222	\$4,880,389	-\$3,318,167	-68.0%
Total	\$52,959,432	\$54,219,524	-\$1,260,091	-2.3%

2026 Capital Budget

Capital Plan

The Hartland Landfill five-year capital plan is made up of 30 projects totaling \$40 million. These projects can be grouped into five categories:

Sustaining Capital: This group includes projects that are required to support ongoing daily operations. There are 17 projects that cover items such as computer and vehicle replacements, aggregate production, gas and leachate piping purchase and installation. It also includes projects required to maintain regular operations such as landfill gas capture, Operating Certificate renewal, Design, Operations and Closure Plan update, road improvements, vegetation buffer improvements, aging electrical infrastructure replacement

and planning/permitting. The estimated cost for this group of projects for 2026 is \$2.3 million, with an estimated five-year total cost of \$12.2 million.

- **Progressive Closure of the Landfill:** There are two projects over five years totalling \$10 million (\$1 million for 2026), which include projects such as final closure and interim cover of external faces. The completion of Cell 3 requires closure of the areas that will not be utilized in the future.
- Cell 4, 5 and 6 Preparation and North End Commercial Access Improvements: There are 8 projects over five years totalling \$14.1 million (\$12.9 million in 2026), which include design and installation of complete liner system for Cell 5, a truck wheel wash system, relining the stormwater sedimentation pond and a new storm water retention pond.
- Renewable Natural Gas (RNG): There are two RNG projects over five years totalling \$1.9 million (\$1.2 million in 2026) to optimize and take advantage of excess biogas from the Residuals Treatment Facility, such that all gas captured at the landfill is processed and injected into the FortisBC natural gas distribution system, while ensuring all environmental requirements are met.
- Solid Waste Management Plan Diversion and Beneficial Use Targets: There is one project in 2027 totalling \$1 million to acquire land/depot asset to further diversion initiatives in the region.

Capital Funding

There are two primary elements to the capital program funding - reserve funds and debt servicing. The reserve funds are established through annual contributions to allow accumulation of funds for future expenditures. Debt servicing costs (principal and interest payments) are associated with long-term capital infrastructure financing.

Debt: New financing under the \$36 million loan authorization was approved in 2022 for the purpose of financing the solid waste facility five-year capital plan. The future capital funding will be a combination of reserves and debt financing.

Reserves: There are currently three reserve funds established for this service (2025 estimated year-end balances). Reserve balances are managed to meet minimum corporate reserve balance guidelines:

- Operating Reserve (\$6.4 million): This fund was established by Bylaw No. 3867 for mitigating fluctuations in tipping fee revenue and for covering operational expenditures, as required, including debt servicing.
- Equipment Replacement Reserve (\$2.1 million): This fund was established by Bylaw No. 945 to fund replacement of computer equipment and solid waste small equipment that lasts less than 15 years. The 2026 equipment replacement reserve fund annual contributions are set at \$204,000.
- Capital Reserve (\$22.7 million): This fund was established by Bylaw No. 2164 to fund major equipment and infrastructure replacement that has a service life of 5 to 25 years or more, such as landfill facilities, roads and improvements at the Hartland Landfill site, construction of remote transfer stations, composting facilities, watershed management, closure of Phase 2 (cell 3) and post closure maintenance, and all related ancillary works

and equipment necessary for landfill and operations. The 2026 capital reserve fund will be used to fund \$474,000 of the 2026 capital plan.

ALTERNATIVES

Alternative 1

The Environmental Services Committee recommends the Committee of the Whole recommend to the Capital Regional Board:

That Appendix A, 2026 Operating and Capital Budget – Environmental Resource Management be approved as presented and form the basis of the Provisional 2026-2030 Financial Plan.

Alternative 2

The Environmental Services Committee recommends the Committee of the Whole recommend to the Capital Regional Board:

That Appendix A, 2026 Operating and Capital Budget – Environmental Resource Management be approved as amended and form the basis of the Final 2026-2030 Financial Plan.

IMPLICATIONS

If the proposed budget is amended, the implications will vary depending on how the amendment impacts specific initiatives, ongoing operations, or the capital work program.

CONCLUSION

The draft 2026 Environmental Resource Management budget has been prepared for consideration by the Environmental Services Committee. The Committee will make budget recommendations to the Capital Regional District Board through the Committee of the Whole. The draft 2026 budget will assist the community in achieving the goals set out in the new Board approved Solid Waste Management Plan.

RECOMMENDATION

The Environmental Services Committee recommends the Committee of the Whole recommend to the Capital Regional Board:

That Appendix A, 2026 Operating and Capital Budget – Environmental Resource Management be approved as presented and form the basis of the Provisional 2026-2030 Financial Plan.

Submitted by:	Russ Smith, Senior Manager, Environmental Resource Management
Concurrence:	Luisa Jones, MBA, General Manager, Parks, Recreation & Environmental Services
Concurrence:	Nelson Chan, MBA, FCPA, FCMA, Chief Financial Officer & General Manager, Finance & Technology
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

ATTACHMENTS

Appendix A: 2026 Environmental Resource Management Budget

Appendix B: Presentation - 2026 Environmental Resource Management Budget

CAPITAL REGIONAL DISTRICT

2026 BUDGET

Environmental Resource Management

ENVIRONMENTAL SERVICES COMMITTEE REVIEW

Service: 1.521 Environmental Resource Management Committee: Environmental Services

PARTICIPATION:

All costs recovered through tipping fees & Sale of Goods and Services.

MAXIMUM LEVY:

No requisition

MAXIMUM CAPITAL DEBT:

Authorized:	LA Bylaw 3518	12,270,000	Authorized:	LA Bylaw 4515	36,000,000
Borrowed:	SI Bylaw 3547	(2,000,000)	Borrowed:	SI Bylaw 4562	(7,450,000)
	SI Bylaw 3677	(2,500,000)		SI Bylaw 4597	(4,300,000)
	SI Bylaw 3769	(2,200,000)		SI Bylaw 4621	(5,500,000)
	•	·		SI Bylaw 4659	(4,900,000)
				SI Bylaw	(3,500,000)
Remaining:	Expired May 14, 2013	\$5.570.000	Remaining:	•	\$10.350.000

Total debt outstanding (LA3518) at Dec 31, 2025 \$188,501 Final debt payments (LA3518) in 2026.

Total debt outstanding (LA4515) at Dec 31, 2025 \$24,359,696 Final debt payments (LA4515) in 2040

COMMISSION:

OPERATING COSTS - REFUSE DISPOSAL:

To be recovered through user fees & sale of goods and services

RESERVE FUND:

Solid Waste Refuse Disposal Reserve Fund, Bylaw No. 2164 (Sept. 8, 1993). Waste Reduction Sustainability Operating Reserve Fund Bylaw No. 3867 (Nov 14, 2012).

Change i Service:	n Budget 2025 to 2026 1.521 & 1.525 ERM	Total Expenditure	Comments
2025 Bud	dget	54,219,524	
Change i	n Wages & Benefits:		
	Base wages & benefits change	127,669	Inclusive of estimated collective agreement changes
	Step increase/paygrade change	-	
	Other (explain as necessary)	-	
	1.0 FTE Senior Manager Energy Recovery	(239,812)	Position relocated to service 1.574 Environmental Innovation
	1.0 FTE Manager Energy Recovery	(179,250)	Position relocated to service 1.574 Environmental Innovation
	Reduction of 1 FTE Communications Liaison	(110,544)	CRD Evolves Transition: Position relocated to service 1.128 Corporate Communications & Engagement
	Total Change in Wages & Benefits	(401,937)	
Other Ch	anges:		
	Trf to Capital Reserve Fund	(3,779,520)	Decrease in Transfer to Captial Reserve Fund due to lower revenue and cost adjustments Decrease in waste diversion program development cost due to lower revenue and
	Program Development Contract for Services	(1,264,378) 1,097,512	cost adjustments Increase in RNG project contract
	Standard Overhead Allocation	1,794,578	Increase in 2025 operating costs
	Human Resources Allocation	21,984	Increase in 2025 wages & benefits
	Bylaw Allocation	158,172	2025 IBC 3a-1.3 Hartland 2100
	Software Licences	52,000	Increase in licence fees
	Communications & Engagement Allocation	265,744	CRD Evolves: Communication & Engagement support
	Electricity Costs	559,220	Increase in the electricity cost for the RNG Project
	Debt Expenditures	528,612	To fund 2026 Capital Plan requirements
	Landfill Gas Program	(103,000)	To relocate Landfill Gas Program cost to RNG contract
	Other Costs	(189,079)	
	Total Other Changes	(858,155)	
2026 Bud	lget	52,959,432	
	Summary of % Expense Increase		
	2026 Base salary and benefit change	0.2%	
	Waste Diversion	-2.3%	
	RNG Project	2.9%	
	Standard Overhead Allocation	3.3%	
	Capital Transfers	-7.0%	
	•		
	Balance of increase	0.6%	
	% expense increase from 2025:	-2.3%	

Overall 2025 Budget Performance

(expected variance to budget and surplus treatment)

% Requisition increase from 2025 (if applicable):

Overall Solid Waste Tipping Revenue for 2025 is forecasted to lower than budget by \$0.8 million. RNG sales revenues lower due to the delayed completion time of the RNG plant. Landfill Operations/Diversion Services/Energy Recovery services expenses are forecasted to be lower than budget for 2025 by \$3.7 million. The estimated year-end transfer to the Capital Reserve Fund will be reduced from \$3.7M to \$2.6M.

Requisition funding is 0 % of service revenue

				BUDGET R	EQUEST					
1.521 & 1.525 - Environmental Resource Management	2025 BOARD	2025 ESTIMATED	2026 CORE	2026 ONGOING	2026 ONE-TIME	2026	2027	2028	2029	2030
	BUDGET	ACTUAL	BUDGET			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
GENERAL PROGRAM EXPENDITURES:										
Diversion Services Landfilling Services	28,643,375 14,989,719	25,881,174 14,715,691	27,539,775	-	- 2.500	27,539,775	28,720,131 14,925,897	28,490,466	29,895,219	29,762,028 15,894,117
Energy Recovery Services	3,679,863	2,972,309	16,304,293 4,995,853	-	2,500 -	16,306,793 4,995,853	5,054,005	15,259,538 5,119,220	15,571,688 5,183,053	5,249,044
TOTAL OPERATING COSTS	47,312,957	43,569,174	48,839,921	-	2,500	48,842,421	48,700,033	48,869,223	50,649,960	50,905,188
*Percentage Increase over prior year		-7.9%	3.2%	0.0%	0.0%	3.2%	-0.3%	0.3%	3.6%	0.5%
CAPITAL / RESERVE Transfer to Equipment Replacement Fund	204,000	204,000	204,000	-	-	204,000	204,000	204,000	204,000	204,000
Transfer to Operating Reserve Fund Transfer to General Capital Reserve Fund	419,048 3,783,990	419,048 2,625,871	420,000 474,000		-	420,000 474,000	420,000 474,000	420,000 474,000	420,000 504,000	420,000 474,000
Transfer to General Capital Reserve Fund Transfer to Landfill Closure Capital Reserve Fund	464,222	464,222	464,222	-	-	464,222	474,000	474,000 482,977	492,636	502,489
Transfer to Millstream Remediation Debt	9,129	9,129	-	-	-	-	-	· -	-	-
TOTAL CAPITAL / RESERVES	4,880,389	3,722,270	1,562,222	-		1,562,222	1,571,506	1,580,977	1,620,636	1,600,489
Debt Expenditures	2,026,178	1,976,526	2,554,790	-	-	2,554,790	3,028,689	3,171,591	3,231,188	3,234,688
TOTAL COSTS	54,219,524	49,267,971	52,956,932		2,500	52,959,432	53,300,228	53,621,791	55,501,784	55,740,365
*Percentage Increase over prior year		-9.1%	-2.3%	0.0%	0.0%	-2.3%	0.6%	0.6%	3.5%	0.4%
Allocation Recovery	(232,000)	(232,000)		-		-	-	-	-	-
OPERATING COSTS LESS INTERNAL RECOVERIES	53,987,524	49,035,971	52,956,932	<u>-</u>	2,500	52,959,432	53,300,228	53,621,791	55,501,784	55,740,365
FUNDING SOURCES (REVENUE)										
Surplus / (Deficit) Balance C/F from Prior to Current year										
Sale of Renewable Natural Gas	(6,666,938)	(4,025,000)	(6,817,254)	-	-	(6,817,254)	(6,953,599)	(7,092,671)	(7,234,524)	(7,379,215)
Revenue - Other	(13,629,520)	(15,047,120)	(16,187,680)	-	-	(16,187,680)	(16,444,630)	(16,727,120)	(17,015,260)	(17,309,150)
Transfer from Operating Reserve	(3,877,066)	(966,270)		-	-	-	-	-	(1,600,000)	(1,600,000)
TOTAL REVENUE	(24,173,524)	(20,038,390)	(23,004,934)	_	-	(23,004,934)	(23,398,229)	(23,819,791)	(25,849,784)	(26,288,365)
TIPPING FEE (based on inflation)	(29,844,000)	(29,000,000)	(29,952,000)		(2,500)	(29,954,500)	(29,902,000)	(29,802,000)	(29,652,000)	(29,452,000)
PROJECTED TONNAGE (General Refuse)	158,000	150,000	155,000			155,000	150,000	145,000	140,000	135,000
*Percentage Increase over prior year		-2.8%	0.4%	0.0%	0.0%	0.4%	-0.2%	-0.3%	-0.5%	-0.7%
AUTHORIZED POSITIONS: On-going Term	34.20	34.20	30.70			30.70	30.70	30.70	30.70	30.70

CAPITAL REGIONAL DISTRICT FIVE YEAR CAPITAL EXPENDITURE PLAN SUMMARY - 2026 to 2030

Service No.	1.521	Carry						
	Environmental Resource Managem	Forward	2026	2027	2028	2029	2030	TOTAL
		from 2025						
	EXPENDITURE							
	Buildings	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Equipment	\$0	\$385,000	\$385,000	\$385,000	\$385,000	\$385,000	\$1,925,000
	Land	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000
	Engineered Structures	\$4,750,000	\$16,905,000	\$9,680,000	\$5,680,000	\$1,855,000	\$2,980,000	\$37,100,000
	Vehicles	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	- =	\$4,750,000	\$17,290,000	\$11,065,000	\$6,065,000	\$2,240,000	\$3,365,000	\$40,025,000
	SOURCE OF FUNDS							
	Capital Funds on Hand	\$4,150,000	\$4,850,000	\$0	\$0	\$75,000	\$850,000	\$5,775,000
	Debenture Debt (New Debt Only)	\$0	\$7,330,000	\$1,680,000	\$530,000	\$1,780,000	\$2,130,000	\$13,450,000
	Equipment Replacement Fund	\$0	\$535,000	\$535,000	\$785,000	\$385,000	\$385,000	\$2,625,000
	Grants (Federal, Provincial)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Donations / Third Party Funding	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Reserve Fund	\$600,000	\$4,575,000	\$8,850,000	\$4,750,000	\$0	\$0	\$18,175,000
	-	\$4,750,000	\$17,290,000	\$11,065,000	\$6,065,000	\$2,240,000	\$3,365,000	\$40,025,000

Definitions for the 5-year Capital Plan

Asset Class	Asset class is used to classify assets for financial reporting in accordance with the Public Sector Accounting Board (PSAB) 3150.
	L - Land
	S - Engineering Structure
	B - Buildings
	V - Vehicles
	E - Equipment
Capital Expenditure Type	Capital expenditure type is used for reporting on asset investments and may be used to justify operational needs for a service.
	Study - Expenditure for feasibility and business case report.
	New - Expenditure for new asset only
	Renewal - Expenditure upgrades an existing asset and extends the service ability or enhances technology in delivering that service
	Replacement - Expenditure replaces an existing asset
Carryforward	Represents the carryforward amount from the prior year capital plan that is remaining to be spent. Forecast this spending over the next 5 years.
Funding Source	Debt - Debenture Debt (new debt only)
	ERF - Equipment Replacement Fund
	Grant - Grants (Federal, Provincial)
	Cap - Capital Funds on Hand
	Other - Donations / Third Party Funding
	Res - Reserve Fund
	WU - Water Utility
	If there is more than one funding source, additional rows are shown for the project.

CAPITAL REGIONAL DISTRICT

5 YEAR CAPITAL PLAN

2026 - 2030

Service #: 1.521

Service Name: Environmental Resource Management

l Expenditure Type										1					
	Capital Project Title	Capital Project Description	Total I	Project Budget	Asset Class	Funding Source	Carryfo	rward from 2025	2,026	2027	2028	2029	2030	5 -	Year Total
wal R	Replacing of Small Equipments	Replacing of Small Equipments	\$	1,430,000		ERF	\$	- 5	270,000	\$ 270,000	\$ 270,000	\$ 270,000 \$	270,000	\$	1,350,000
wal G	Gas & Leachate Collection Pipe Extension	Gas & Leachate Collection Pipe Extension	\$	2,550,000	3	Res	\$	- 5	500,000	\$ 550,000	\$ 550,000	s - s	-	\$	1,600,000
wal G	Gas & Leachate Collection Pipe Extension	Gas & Leachate Collection Pipe Extension			3	Debt	\$	- 9	-	\$ -	\$ -	\$ 550,000 \$	550,000	\$ 1,	100,000.00
wal A	Aggregate Production for Internal Use	Aggregate Production for Internal Use	\$	15,135,000	3	Res	\$	- 5	500,000	\$ 850,000	\$ 850,000	s - s	-	\$	2,200,000
wal A	Aggregate Production for Internal Use	Aggregate Production for Internal Use			3	Debt	\$	- 9	-	\$ -	\$ -	\$ 850,000 \$	850,000	\$ 1,	700,000.00
wal P	Progressive Closure of External Faces	Progressive Closure of External Faces	\$	10,000,000	3	Res	\$	- 5	1,000,000	\$ 6,000,000	\$ 3,000,000			\$	10,000,000
wal C	Computer Equipment	Computer Equipment	\$	71,000	=	ERF	\$	- 5	15,000	\$ 15,000	\$ 15,000	\$ 15,000 \$	15,000	\$	75,000
wal V	/ehicle Replacements	Vehicle Replacements	\$	500,000	=	ERF	\$	- 5	100,000	\$ 100,000	\$ 100,000	\$ 100,000 \$	100,000	\$	500,000
Ir	nterim Covers	Interim Covers - West and North Slopes	\$	1,000,000	3	Res	\$	- 9	-	\$ 200,000	\$ 200,000	s - s	-	\$	400,000
Ir	nterim Covers	Interim Covers - West and North Slopes			3	Debt	\$	- 9	-	\$ -	\$ -	\$ 200,000 \$	200,000	\$	400,000.00
wal S	Sedimentation Pond Relining	NW Sedimentation Pond Relining & Expansion	\$	1,000,000	3	Res	\$	- 5	1,000,000	s -	\$ -	s - s	-	\$	1,000,000
E	Existing Manual and Commercial Scale Upgrades	Existing Manual and Commercial Scale Upgrades	\$	250,000	3	ERF	\$	- 9	-	\$ -	\$ 250,000	s - s	-	\$	250,000
C	Cell 5&6 GRW	Cell 5&6 Gravity Retaining Wall Construction	\$	2,750,000	3	Debt	\$	- 5	2,000,000	\$ -	\$ -	s - s	-	\$	2,000,000
C	Cell 5&6 GRW	Cell 5&6 Gravity Retaining Wall Construction			3	Сар	\$	750,000	750,000	\$ -	\$ -	s - s	-	\$	750,000.00
Н	Hartland North Master Plan	Hartland North Master Plan	\$	150,000	5	Res	\$	- \$	-	\$ -	\$ 150,000	s - s	-	\$	150,000
Н	Hartland Amenity Project	Hartland Amenity Project	\$	4,000,000	5	Сар	\$	- \$	-	\$ -	\$ -	s - s	-	\$	-
C	Cell 5 Liner Construction	Cell 5 Liner Construction	\$	11,300,000	3	Debt	\$	- 5	3,400,000	\$ -	\$ -	s - s	-	\$	3,400,000
c	Cell 5 Liner Construction	Cell 5 Liner Construction			3	Сар	\$	3,400,000	3,400,000	\$ -	\$ -	s - s	-	\$	3,400,000
R	Relocation of N. Toe Road Sedimentation Pond	Relocation of N. Toe Road Sedimentation Pond	\$	500,000	3	Сар	\$	- 5	500,000	\$ -	\$ -	s - s	-	\$	500,000
wal N	North End Wheel Wash	North End Wheel Wash	\$	800,000	3	Res	\$	400,000 \$	400,000	\$ -	\$ -	s - s	-	\$	400,000
L	andfill Gas capture to meet New Federal Regs	Landfill Gas capture to meet New Federal Regs	\$	250,000	3	Res	\$	100,000	100,000	\$ 150,000	\$ -	s - s	-	\$	250,000
н	Hartland Operating Certificate Renewal	Hartland Operating Certificate Renewal	\$	100,000	3	Res	\$	100,000	-	\$ 100,000	\$ -	s - s	-	\$	100,000
Н	Hartland Leachate Pipe Mods for Pigging	Hartland Leachate Pipe Mods for Pigging	\$	75,000	5	Res	\$	- \$	75,000	\$ -	\$ -	s - s	-	\$	75,000
c	Cell 4, 5A & 5B Construction Field QA/QC	Cell 4, 5A & 5B Construction Field QA/QC	\$	500,000	5	Debt	\$	- \$	250,000	\$ -	\$ -	s - s	-	\$	250,000
		Hartland Environmental Montoring and Containment Projects	\$	225,000	3	Сар	\$	- 5	75,000	s -	\$ -	\$ 75,000 \$	-	\$	150,000
		Cell 4& 5 Bottom Lift Gas Wells / Leachate Drain	\$	700,000	3	Debt	\$	- \$	350,000	\$ -	\$ 350,000	\$ - \$	350,000	\$	1,050,000
н	Hartland 5 year DOCP update	Hartland 5 year DOCP update	\$	125,000	3	Сар	\$	- 5	125,000	\$ -	\$ -	s - s	-	\$	125,000
E	ERM Land Acquisition	ERM Land Acquisition	\$	1,000,000	-	Res	\$	-		\$ 1,000,000	\$ -	s - s	-	\$	1,000,000
R	RTF Biogas Tie-In to RNG	RTF Biogas Tie-In to RNG	\$	1,000,000	3	Res	\$	- 5	1,000,000	\$ -	\$ -	s - s	-	\$	1,000,000
E	Exising Utilities - Relocate for Cell 5	Exising Utilities - Relocate for Cell 5	\$	1,150,000	3	Debt	\$	- 5	1,150,000	s -	\$ -	s - s	-	\$	1,150,000
L	andfill Gas Wellfield Optimization	Landfill Gas Wellfield Optimization	\$	900,000	3	Debt	\$	- 5	180,000	\$ 180,000	\$ 180,000	\$ 180,000 \$	180,000	\$	900,000
N	NW Vegetation Buffer	NW Vegetation Buffer	\$	250,000	3	Debt	\$	- \$	-	\$ 250,000	\$ -	s - s	-	\$	250,000
s	Surface Water Retention Pond - 100 year storm	Surface Water Retention Pond - 100 year storm	\$	1,250,000	3	Debt	\$	- \$	-	\$ 1,250,000	\$ -	s - s	-	\$	1,250,000
н	HB-13 Generator and Electrical Pole Replacement	HB-13 Generator and Electrical Pole Replacement	\$	350,000	3	Сар	\$	- \$	-	\$ -	\$ -	\$ - \$	350,000	\$	350,000
G	Gr. Road Recycled Asphalt Milling - Dust Suppression	Gr. Road Recycled Asphalt Milling - Dust Suppression	\$	450,000	3	ERF	\$	- 5	150,000	\$ 150,000	\$ 150,000	s - s	-	\$	450,000
wal		Gas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension Aggregate Production for Internal Use Aggregate Production for Internal Use Progressive Closure of External Faces Computer Equipment Vehicle Replacements Interim Covers Interim Covers Sedimentation Pond Relining Existing Manual and Commercial Scale Upgrades Cell 586 GRW Cell 586 GRW Hartland North Master Plan Hartland Amenity Project Cell 5 Liner Construction Cell 5 Liner Construction Relocation of N. Toe Road Sedimentation Pond North End Wheel Wash Landfill Gas capture to meet New Federal Regs Hartland Operating Certificate Renewal Hartland Leachate Pipe Mods for Pigging Cell 4, 5A & 5B Construction peid QA/QC Hartland Environmental Montoring and Containment Projects Cell 48 5 Bottom Lift Gas Wells / Leachate Drain Hartland 5 year DOCP update	Gas & Leachate Collection Pipe Extension Aggregate Production for Internal Use Progressive Closure of External Faces Computer Equipment Computer Equipment Vehicle Replacements Vehicle Replacements Interim Covers Interim Covers Interim Covers Interim Covers - West and North Slopes Cell 5&6 GRW Cell 5 Liner Construction Relocation of N. Toe Road Sedimentation Pond North End Wheel Wash Landfill Gas capture to meet New Federal Regs Landfill Gas capture to meet New Federal Regs Hartland Operating Certificate Renewal Hartland Departing Certificate Renewal Hartland Departing Certificate Renewal Hartland Departing Certificate Renewal Hartland Environmental Montoring and Containment Projects Cell 4, 5A 5 B Construction Field QA/QC Hartland Environmental Montoring and Containment Projects Cell 4& 5 Bottom Lift Gas Wells / Leachate Drain Hartland 5 year DOCP update ERM Land Acquisition RTF Biogas Tie-In to RNG Exising Utilities - Reloca	Gas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension Aggregate Production for Internal Use Progressive Closure of External Faces Progressive Closure of External Faces Computer Equipment Computer Equipment Vehicle Replacements V	Gas & Leachate Collection Pipe Extension Aggregate Production for Internal Use Progressive Closure of External Faces Progressive Closure of External Faces Progressive Closure of External Faces Computer Equipment Computer Equipment Computer Equipment Vehicle Replacements Vehicle R	Gas & Leachate Collection Pipe Extension	Gas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension \$ 2,550,000 \$ Res	Gas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension \$ 2,550,000 \$ Res \$	Gas & Leachate Colection Pipe Extension Gas & Leachate Colection Gas & Gas & S. Colection Gas & Gas & S. Colection Gas & Gas & S. Colection Gas & Gas & Gas & Gas & S. Colection Gas & Gas & Gas & Gas & S. Colection Gas & G	Cas & Leachate Collection Pipe Extension Gas & Leachate Collection Pipe Extension \$ 2,550,000 \$ 766 \$. \$ \$ 500,000	Gas & Lacharder Collection Pipe Extension Gas & Lacharder Collection Pipe Extension S	Gas & Learland Collection Pipe Environ Gas & Learland Pipe Environ Gas & Learland Collection Pipe Environ Gas &	Guida Leadant Colestion Pipe Edemotron Guida & Leadante Colestion Pipe Edemotron Guida & Leadant	Case A Searches Cultiford Pige Estandary Case A Learning Collection Pige Estandary Case A Learning Colle	Sus a Landman Colorison Pipe Elemento Sus a Landman Colo

Service #:	1.521
Service Name:	Environmental Resource Management

		PROJECT DESCRIPTION					PROJECT BUDGET & SCHEDULE						
Project Number	Capital Expenditure Type	Capital Project Title	Capital Project Description	Total Project Budget	Asset Class Fundin	g Source	Carryforward from 2025	2,026	2027	2028	2029	2030	5 - Year Total
26-11	New	Hartland 2100 Planning / Consultation / Permitting	Hartland 2100 Planning / Consultation / Permitting	\$ 500,000	S Cap		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
			Grand Total	\$ 60,261,000			4,750,000	17,290,000	\$ 11,065,000	\$ 6,065,000	\$ 2,240,000	\$ 3,365,000	\$ 40,025,000

Project Number 16-06 Capital Project Title Replacing of Small Equipments Capital Project Description Replacing of Small Equipments

Project Rationale Replacement of small equipments that have reached their end of life

Project Number 17-01 Capital Project Title Gas & Leachate Collection Pipe Extension Capital Project Description Gas & Leachate Collection Pipe Extension

Project Rationale To meet BC Ministry of Environment regulations, gas wells and leachate collectors are installed in each lift of refuse and have to be connected to the existing header system to collect methane gas. Well heads, valves, condensation traps, monitoring points, and piping has to be installed to each gas well and leachate collector. The gas is then conveyed to the gas plant, and the leachate is conveyed to the lined storage lagoons and then discharged into the municipal sewer. Cost estimate is derived from historical construction information and includes consulting costs to layout pipe design/headers.

Project Number 17-02 Capital Project Title Aggregate Production for Internal Use Capital Project Description Aggregate Production for Internal Use

Project Rationale Producing aggregate annually from shot rock that was quarried to make airspace provides the CRD with a number of benefits including: prolonging the landfill life (creating landfillling airspace), providing aggregate for on-site needs, effective interception of shallow groundwater inflows, cost and space savings by not having to import aggregate, and reduced social and environmental impacts by not having to truck in aggregate. Cost estimate is derived from historical tender data.

Project Number 17-04 Capital Project Title Progressive Closure of External Faces Capital Project Description Progressive Closure of External Faces

Project Rationale As specified under the BC Ministry of Environments Landfill Criteria for Municipal Solid Waste, completed landfill areas and slopes must be closed with a progressive closure system on an annual basis. The closure system consists of a clay or synthetic cover placed over a gravel drainage layer This progressive closure system stays in place until economies of scale makes it cost effective to proceed with installation of a final closure system. The completion of Cell 3 in 2025/2026 requires closure of the areas that will not be filled against going forward.

Project Number 17-07 Capital Project Title Computer Equipment Capital Project Description Computer Equipment

Project Rationale Replacement of computer equipment due to end of life cycle

Project Number 17-09 Capital Project Title Vehicle Replacements Capital Project Description Vehicle Replacements

Project Rationale Replacement of vehicle due to end of life cycle

Service: 1.521 **Environmental Resource Management Project Number 18-01** Capital Project Title Interim Covers Capital Project Description Interim Covers - West and North Slopes Project Rationale Following Golder's Leachate Management Plan, once an active landfilling cell is completed, but hasn't reached future filling contours, tarping is required to shed rainwater and divert to the freshwater collection system to prevent it from entering the leachate collection system and overwhelming the leachate storage ponds. Cost estimate is derived from historical in-house cost data. Capital Project Title Sedimentation Pond Relining Capital Project Description NW Sedimentation Pond Relining & Expansion **Project Number 22-01** Project Rationale To prevent leakage and fines from migrating off site into the north freshwater drainage area, the sedimentation pond must be relined. In addition the sedimentation pond must be enlarged to meet MOE requirements for retaining 24 hrs of precipitation from a 100 year storm event. Finally, the sedimentation pond requires inlet valving and piping to permit flows to be diverted to the upper lagoon in the event there is an onsite spill that must be contained and diverted from fresh water courses. **Existing Manual and Commercial Scale Existing Manual and Commercial Scale** Capital Project Title Upgrades Capital Project Description Upgrades Project Number 23-05 Project Rationale The South Entrance Commercial scale approach/exit ramps are in poor condition. This project includes sawcutting and removal of old scale ramps and pouring new concrete with Rebar to eliminate further safety hazards to trucks and employees. The South Entrance Manual Scale deck is in poor condition. It requires replacement and/or major repair. This project accounts for all work that needs to be done after detailed assement to ensure life of the existing manual and commercial scales can continue reliably for the next 20 years. Capital Project Description Capital Project Title Cell 5&6 GRW Project Number 24-01 Project Rationale This project will allow for the construction of a new mounded structural earth berm north of cell 1&2 at 5 corners intersection to serve as the new toe of cells 5 & 6. As part of this berm, the project includes installation of a critical sub-grade landfill leachate containment system (grout wall/curtain) and raising the clay containment berm from 130mAsl to 135mASL to ensure leachate capture from future landfill cells 4,5 & 6. The project also includes relocation of any existing infrastructure (LFG, Leachate, Water, electrical etc) that currently resides in the future footprint of the MSE berm. Capital Project Title Hartland North Master Plan Capital Project Description Hartland North Master Plan Project Number 24-02

Project Rationale With the recent completion of the new Residuals Treatment Facilty and associated access and new scales at Hartland North, this design project will ensure that there is adequate future planning and integration

with the existing landfill site

Project Number 24-03 Capital Project Title Hartland Amenity Project Capital Project Description Hartland Amenity Project

Project Rationale This project considers all road and dintersection improvements necessary to move commercial access from Hartland Avenue to Willis Point Rd.

Project Number 24-05 Capital Project Title Cell 5 Liner Construction Capital Project Description Cell 5 Liner Construction

Project Rationale A new drainage and liner system will ensure effective removal of leachate from within the new Cell 5 area and prevent any off site migration. The liner will also include an underdrain which will relieve pore pressure and ensure fresh ground water does not contribute to ongoing leachate collection and processing. Improvements include all temporary and permanent access road and related infrastructure to allow refuse to be deposited in Cell 5.

Project Number 24-07 Capital Project Title Relocation of N. Toe Road Sedimentation Pond Capital Project Title Relocation of N. Toe Road Sedimentation Pond Relocation of N. Toe Road Sedimentation Pond

Project Rationale The North Toe Road fresh water sedimentation collection pond sits ontop of Cell 1 garbage. The future Gravity Retaining Wall will be constructed ontop of the pond so it must be relocated.

Project Number 25-02 Capital Project Title North End Wheel Wash Capital Project Description North End Wheel Wash

Project Rationale This project accounts for a new commercial truck wheel wash system to be installed on the North End to ensure trucks don't track mud onto Willis Point Road. Project includes a temporary wheel wash needed until the final Cell 5 access roads are ready to be utilized.

Project Number 25-03 Landfill Gas capture to meet New Federal Regs Landfill Gas capture to meet New Federal Capital Project Title Regs Landfill Gas capture to meet New Federal Capital Project Description Regs

Project Rationale Environment & Climate Change Canada has released a proposed Landfill Methane Regulation that is expected to come into force in Q1/Q2 of 2024, with the intent of reducing fugitive landfill emissions across the country. The regulation sets thresholds for surface emissions at landfills emitting more than 10,000 tonnes of CO2e per year (Hartland exceeds this). Based on required monitoring events, any surface methane concentrations that exceed proposed levels require a corrective action plan and mitigation within a specified timeframe. Based on current surface emissions data, it is expected that Hartland will need to implement additional controls, improve gas collection, or repair infrastructure to reduce surface methane concentrations to achieve compliance with these proposed limits.

Project Number 25-04 Hartland Operating Certificate Renewal Capital Project Title Hartland Operating Certificate Renewal Capital Project Description Hartland Operating Certificate Renewal Capital Project Description

Project Rationale Hartland's Operating Certificate (OC) has not been modified since January 27, 2010. CRD has committed to updating its OC in light of recent MOE diuscussion and approval of ERM's SWMP. This project covers staff time and consultant/legal fees to assist the CRD in updating the OC with the MOE.

Hartland Leachate Pipe Mods for Pigging
Project Number 25-05

Hartland Leachate Pipe Mods for Pigging
Capital Project Title

Hartland Leachate Pipe Mods for Pigging
Capital Project Description

Project Rationale Leachate design, materials and installation to modify the leachate piping between HB-15 and the new RTF Centrate Line to reinstate pigging of the section of pipe between HB-15 and the Centrate return line).

Cell 4, 5A & 5B Construction Field QA/QC
Project Number 25-07

Cell 4, 5A & 5B Construction Field QA/QC
Capital Project Title

Cell 4, 5A & 5B Construction Field QA/QC
Capital Project Description

Project Rationale Cell 4, 5 and 6 and related incfrastructure construction will occur over multiple years. The project requires that the engineer of record be onsite during critical milestones throughout the construction project to ensure the construction is installer per the design. The original design budget contemplated a 1 year installation of all capital improvements for Cell 4, 5 & 6 projects. However, logistics and filling plans required phasing of the projects over a number of years which stretches the QA/QC budget over a longer period. The funds are to allow all travel, coordination meetings, onsite QA/QC field review, design modifications etc required to ensure construction meets the design requirements.

Project Number 25-11 Capital Project Title Hartland Environmental Montoring and Containment Projects Capital Project Secretary Containment Projects

Capital Project Description Containment Projects

Project Rationale To ensure compliance with BC Ministry of Environment regulations, an active review of current and future environmental controls is necessary. This project accounts for consultant studies, contractor environmental mitigation controls required to review and enhance the current environmental monitoring program at the Hartland landfill and ensure compliance with MOE regulations.

Project Number 26-01 Capital Project Title Capital Project Title Capital Project Title Capital Project Title Capital Project Description Drain Capital Project Description Drain Capital Project Description Drain

Project Rationale To meet BC Ministry of Environment regulations, gas wells and leachate collectors are installed in each lift of refuse and have to be connected to the existing collection systems to collect methane gas. Well heads, valves, condensation traps, monitoring points, and piping has to be installed to each combination gas well and leachate collector. The leachate is then conveyed to the lined storage lagoons and then discharged into the municipal sewer. Estimate is derived from historical costs.

Project Number 26-02 Capital Project Title Hartland 5 year DOCP update Capital Project Description Capital Project Description

Project Rationale Hartland's Operating Certificate (OC) issued by the BC Ministry of Environment requires adherance to the BC Landfilling criteria which requires updates to the Landfill DOCP every 5 years. The last DOCP was finalized and submitted to the MOE on May 2022. A new update is required by May 2027. The project includes the procurement of a consultant to complete the DOCP to meet submission requirement.

Project Number 26-03 Capital Project Title ERM Land Acquisition Capital Project Description ERM Land Acquisition

Project Rationale ERM's long term plan to maximize recycling and diversion opportunities for the region requires the acquisition of land/facilities to accommodate the growing needs of the region. This project includes those activities needed to secure land or facilities for future diversion, recycling or waste management requirements of the region.

Project Number 26-04 Capital Project Title RTF Biogas Tie-In to RNG Capital Project Description RTF Biogas Tie-In to RNG

Project Rationale The Residual Solids Treatment facility currently reuses the biogas produced during operation to minimize energy requirements for the facility. However there remains an excess of biogas that is currently flared and contributes to the CRD's carbon footprint. There is opportunity to divert the unused gas to Hartland's newly constructed Renewal Natural Gas plant for to purify the gas and sell it to Fortis over its 20 year sale agreement with the CRD. This project includes the design, procurement and installation of all infrastructure needed to take advantage of this opportunity.

Project Number 26-05 Capital Project Title Exising Utilities - Relocate for Cell 5 Capital Project Description Exising Utilities - Relocate for Cell 5

Project Rationale Buildout of the landfill includes the installation of a new toe-berm to maximize airspace in Phase 2. The toe berm will be 10-15meters high. There are a number of utilities (landfill gas, leachate, water, electrical, waste water, surface water etc) that cross through the footprint of the toe berm. These pipes need to be protected or relocated to handle the weight of earth and refuse that will be piled ontop of them. This project includes all design and construction required to protect and/or relocate existing landfill infrastructure that sits within the footprint of the new earthen berm. It also includes any new infrastructure that will be needed to be constructed to ensure continuous service of those utilities to the landfill.

Project Number 26-06 Capital Project Title Landfill Gas Wellfield Optimization Capital Project Description Landfill Gas Wellfield Optimization

Project Rationale This project includes all upgrades/optimizations to the landfill gas wellfield collection system to increase the collection efficiency, maximize RNG revenue potential and minimize the operating expenses needed to operate the wellfield in light of the new RNG facility commissioned in 2025.

Project Number 26-07 Capital Project Title NW Vegetation Buffer Capital Project Description NW Vegetation Buffer

Project Rationale A section of land abutting Mount Work requires vegetation to meet the BC Landfill criteria "sight" buffer of 30-50meters along the Western property boundary. This project includes the design and construction needed to relocate ~25,000m3 of shot rock, hillside shaping, stripping and landscaping to create a vegetion buffer that meets the criteria.

Project Number 26-08

Capital Project Title Surface Water Retention Pond - 100 year

Capital Project Description Surface Water Retention Pond - 100 year

Project Rationale The Landfill Criteria states that a landfill shall have the capacity to contain the surface water runoff generated in 24 hours of a 100 year precipitation event. This project covers the cost to design and build a new surface water retention pond to fulfill this criteria. This project includes the piping systems in/out of the pond to the receiving environment and/or leachate lagoons.

Project Number 26-09

Capital Project Title HB-13 Generator and Electrical Pole

Capital Project Description HB-13 Generator and Electrical Pole

Project Rationale The Electrical pole at HB-13 and backup generator have reached their useful life and require replacement. This project includes all cost to design, procure and construct the electrical replacement of this infrastructure.

Project Number 26-10

Capital Project Title Gr. Road Recycled Asphalt Milling - Dust

Capital Project Description Gr. Road Recycled Asphalt Milling - Dust

Project Rationale The roads around the landfill are mainly gravel and require constant maintenance and dust suppression. This project covers the cost of receiving recycled asphalt and deploy it on the gravel roads around the site in order to reduce maintenance and dust suppression activities.

Project Number 26-11

Capital Project Title Hartland 2100 Planning / Consultation /

Capital Project Description Hartland 2100 Planning / Consultation /

Project Rationale Construction efforts on Phase 3 will need to occur 15-20 years prior to the needing the airspace due to the large volume of rock that is required to be removed. Getting approval to construct will require numerous years of planning and consultation with the ministry and stakeholders. This project covers the cost of any fees, staff time, consultation, events, permits, reports, assessments and other costs that are required to initiate the planning phase, well in advance of construction needing to start.

1.521 Enviromental Resource Management Capital Reserve Fund Schedule - ERM 2026 - 2030 Financial Plan

Capital Reserve Fund Schedule - ERM

Capital Reserve Fund ERM - Landfill Closure Portion, Capital Reserve Portion, and Recycling Depots Portion

Capital Reserve Fund Schedule

Bylaw 2164 established a Solid Waste Refuse Disposal Reserve Fund for the ERM Service (was called Solid Waste Service). There are three portions in the Reserve Fund: Landfill Closure, restricted funds to cover the liability of closing Phase 2 - 3 and post-closure maintenance. Capital Reserve is working capital and not restricted.

Landfill Closure Portion	Estimate			Budget			
Fund: 1020 Fund Centre: 101363	2025	2026	2027 2028		2029	2030	
Beginning Balance	14,271,342	14,885,564	14,349,786	8,823,293	6,306,269	6,798,906	
Planned Capital Expenditure (Based on Capital Plan)	-	(1,000,000)	(6,000,000)	(3,000,000)			
Transfer from Ops Budget	464,222	464,222	473,506	482,977	492,636	502,489	
Interest Income*	150,000	-	-	-	-	-	
Ending Balance \$	14,885,564	14,349,786	8,823,293	6,306,269	6,798,906	7,301,394	

Assumptions/Background:

Liability reserve to fund closure of Phase 2-3 and post closure maintenance.

^{*} Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

Capital Reserve Fund Schedule

Capital Reserve Portion	Estimate	Budget					
Fund: 1020 Fund Centre: 101364	2025	2026	2027	2027 2028 2029		2030	
Beginning Balance	9,794,032	7,865,903	4,760,903	2,380,903	1,100,903	1,600,903	
Planned Capital Expenditure (Based on Capital Plan)	(4,750,000)	(3,575,000)	(2,850,000)	(1,750,000)			
Transfer to/from Ops Budget	2,621,871	470,000	470,000	470,000	500,000	470,000	
Interest Income*	200,000	-	-	-	-	-	
Ending Balance \$	7,865,903	4,760,903	2,380,903	1,100,903	1,600,903	2,070,903	

Assumptions	Background:

^{*} Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

Capital Reserve Fund Schedule

Recycling Depots/Compost Center Reserve Portion	Estimate		Budget					
Fund: 1020 Fund Centre: 102102	2025	2026	2027	2028	2029	2030		
Beginning Balance	19,918	23,918	27,918	31,918	35,918	39,918		
Planned Capital Expenditure		-	-	-	-	-		
Transfer to/from Ops Budget	4,000	4,000	4,000	4,000	4,000	4,000		
Ending Balance \$	23,918	27,918	31,918	35,918	39,918	43,918		

Assumptions/Background:

Reimburse operating budget for capital expenditures spent by Compost Center.

1.521 Environmental Resource Management Operating Reserve Summary 2026 - 2030 Financial Plan

Profile

Enviromental Resource Management

Bylaw 3867 - established Operating Reserve for the ERM Service to be used by the service for: mitigating fluctuations in tipping fee revenue and for covering operational expenditures as required, including debt servicing.

Operating Reserve Schedule

Operating Reserve Schedule	Estimate		Budget					
Fund: 1500 Fund Center 105509	2025	2026	2027	2028	2029	2030		
Beginning Balance	6,784,571	6,374,936	6,794,936	7,214,936	7,634,936	6,454,936		
Planned Capital Expenditure (Based on Capital Plan)	(966,270)							
Transfer from Ops Budget	356,634	420,000	420,000	420,000	420,000	420,000		
Transfer to Ops Budget					(1,600,000)	(1,600,000)		
Interest Income*	200,000			-	-	-		
Total projected year end balance	6,374,936	6,794,936	7,214,936	7,634,936	6,454,936	5,274,936		

Assumptions/Background:

Reserve for rate stabilization

^{*} Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

1.521 Enviromental Resource Management ERF Reserve Fund Schedule 2026 - 2030 Financial Plan

ERF Reserve Fund Schedule

ERF: ERM ERF or PERS Fund for Equipment

Equipment Replacement Fund	Estimate	Budget					
Fund: 1022 Fund Centre: 101447	2025	2026	2027	2028	2029	2030	
Beginning Balance	2,028,945	2,092,945	1,761,945	1,430,945	849,945	668,945	
Planned Purchase (Based on Capital Plan)	(150,000)	(535,000)	(535,000)	(785,000)	(385,000)	(385,000)	
Transfer to/from Ops Budget	204,000	204,000	204,000	204,000	204,000	204,000	
Interest Income*	10,000	-	-	-	-	-	
Ending Balance \$	2,092,945	1,761,945	1,430,945	849,945	668,945	487,945	

Assumptions/Background:

ERF Reserve to fund replacement of computer equipment and for PERS (Prority Equipment Replacement) type equipment that lasts less than 15 years

^{*} Interest should be included in determining the estimated ending balance for the current year. Interest in planning years nets against inflation which is not included.

Environmental Resource Management 2026 Operating and Capital Budget

Presentation

Environmental Services Committee
October 15, 2025



Environmental Resource Management Service Areas



Waste Diversion



Landfilling



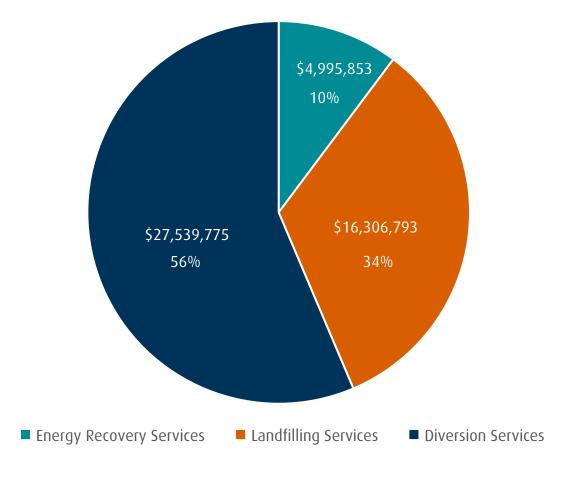
Energy Recovery





2026 Operating Budget Expenses \$48,842,421







Environmental Resource Management Service Areas



Waste Diversion (\$27.5 million)

2026 Operating Budget

- Solid Waste Planning \$1.7 million
- Community Support Programs \$1.4 million
- Hartland Diversion Programs \$12.8 million
- Curbside Recycling \$11.7 million
- Electoral Area Recycling \$1.2 million

Landfilling (\$16.3 million)

- Heavy Equipment Contract \$5.3 million
- CRD Enviro Programs \$1 million
- CRD Engineering \$700,000
- Corp Allocation \$3 million
- Solid Waste Admin \$1.1 million
- Education \$500,000
- Leachate \$1 million

Energy Recovery (\$4.9 million)

- Contract for Services \$1.4 million
- Electricity \$1 million
- Environmental Resource
 Management Overhead \$1.5 million
- CRD Enviro \$100,000



2026 Operating Budget Expenses: \$48.8 million

\$1.5 million (~3%) increase over 2025 Operating Budget



- Waste Diversion decreased \$1.1 million (~4%)
- Landfilling increased \$1.3 million (~9%)
- Energy Recovery increased \$1.3 million (~36%)

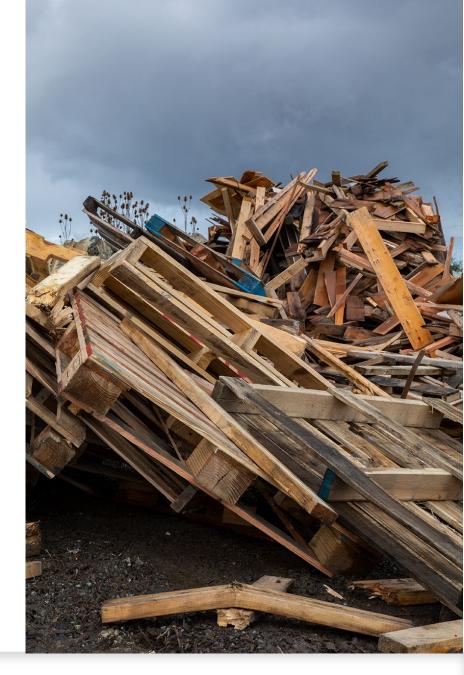


2025/2026 Operating Budget – Changes

Waste Diversion (-\$1.1 million)

- Reduced Hartland diversion program development expenditures including the new diversion initiatives such as the waste collector incentive program
- No significant impact anticipated to achieving the long-term Solid Waste Management Plan goals







2025/2026 Operating Budget - Significant Changes



Landfilling (+\$1.3 million, ~9%)

Standard Overhead Allocation

Energy Recovery Services (+\$1.3 million, ~36%)

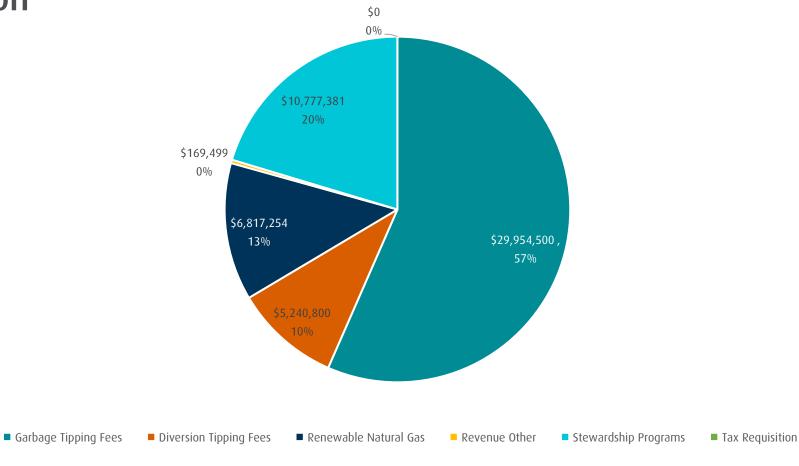
Annualization of RNG operating contract and utility usage





2026 Operating Budget Revenues \$53 million so



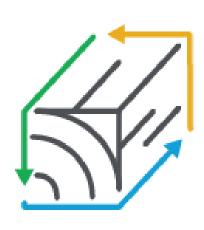






2025/2026 Operating Budget Revenues

+\$2.7 million - before reserve transfers and debt increases



Waste Diversion (+\$2.5 million) ~19%

 Blue Box revenue increase from Recycle BC, Recycling Tipping Fees, and Compost Tipping Fees

Landfilling (+\$0.1 million) ~0.4%

• Revenue from general refuge tipping fee increases

Energy Recovery (+\$0.1 million) ~2%

Projected revenue from new RNG facility, based first full year of operation



2026 – Capital Budget \$17.3 million



Ongoing capital (\$2.3 million)

 Aggregate production, progressive closure, electrical, Operating Certificate

Cell 4, 5 and 6 Preparation and North End Commercial Access Improvements (\$12.9 million)

 Design / install new liner, truck wheel wash, relocate shop

Renewable Natural Gas (\$1.2 million)

 Optimize and take advantage of excess biogas from the Residuals Treatment Facility

Progressive Closure of the Landfill (\$1 million)

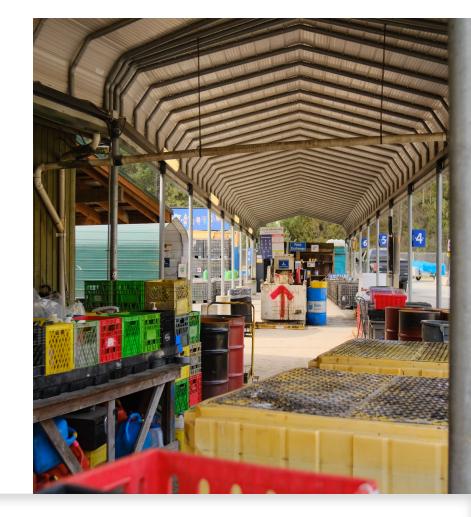
 Final closure and interim cover of external faces



2026 Environmental Resource Management Operating & Capital Budget Summary



- 2025/26 Operating expenses +\$1.5 million ~3%
- 2025/26 ERM Revenues +\$2.7 million ~13%
 - Majority of revenue increase from Waste Diversion volumes
 - Minor increase from tipping fee revenue as waste per capita decrease significantly offset population increase / tip fee increase
- 2026 Capital Budget: \$17.3 million
- 2026 Capital Funding with ERM Reserves and Debt
- No tax requisition required to fund ERM budget







Thank you

rsmith@crd.bc.ca | 250.360.3080







