

Attachment #2

Water Utility Fund

Draft 2025 – 2029 Financial Plan

Capital Plan

2025 Service Enhancements

**CORPORATION OF THE CITY OF NEW WESTMINSTER
WATER FUND BUDGET (DRAFT)**

	2024 Projections	2024 Budget	2025 Budget	\$ Change	Budget Projections			
					2026	2027	2028	2029
REVENUE								
Utility Rates	\$ 17,198,808	\$ 17,754,000	\$ 18,231,000	\$ 477,000	\$ 19,325,000	\$ 20,484,000	\$ 21,714,000	\$ 23,016,000
Sale of Services	72,248	101,970	105,029	3,059	108,180	111,425	114,768	118,211
Capital Contributions and DCC's	455,088	335,000	574,988	239,988	449,731	399,731	-	-
Total Revenues	17,726,144	18,190,970	18,911,017	720,047	19,882,911	20,995,156	21,828,768	23,134,211
EXPENSES								
Salaries, Benefits and Training	618,200	941,071	982,128	41,057	1,011,592	1,041,940	1,073,198	1,105,394
Contracted Services	664,735	419,594	419,594	-	419,594	419,594	419,594	419,594
Supplies and Materials	162,629	209,137	209,137	-	209,137	209,137	209,137	209,137
Utility Purchases and Levies	8,475,725	8,079,094	9,265,063	1,185,968	9,995,566	10,429,274	10,861,129	11,211,368
Amortization	1,162,000	1,226,000	1,247,000	21,000	1,441,000	1,480,000	1,605,000	1,705,000
Total Expenses	11,083,289	10,874,896	12,122,922	1,248,025	13,076,889	13,579,945	14,168,058	14,650,493
INCREASE IN TOTAL EQUITY	6,642,855	7,316,074	6,788,095	(527,978)	6,806,022	7,415,212	7,660,710	8,483,718
Reconciliation to Financial Equity								
Amortization and Accretion Expense	1,162,000	1,226,000	1,247,000	21,000	1,441,000	1,480,000	1,605,000	1,705,000
Capital Expenses	(3,339,007)	(12,039,474)	(12,354,423)	(314,949)	(8,731,530)	(7,423,141)	(7,668,900)	(7,165,000)
Transfer from/(to) Other Funds	220,000	220,000	220,000	-	220,000	220,000	220,000	220,000
Internal Charges	(1,572,861)	(1,572,861)	(1,572,861)	-	(1,600,754)	(1,626,348)	(1,650,759)	(1,650,759)
Internal Recoveries	349,018	349,018	349,018	-	370,323	393,119	417,511	417,511
CHANGE IN FINANCIAL EQUITY (Reserves)	3,462,005	(4,501,243)	(5,323,171)	(821,927)	(1,494,939)	458,842	583,562	2,010,470
Financial Equity , beginning of year	22,903,760	22,827,716	26,365,765	3,538,050	21,042,595	19,547,656	20,006,498	20,590,060
FINANCIAL EQUITY (Reserves), end of year	\$ 26,365,765	\$ 18,326,472	\$ 21,042,595	\$ 2,716,122	\$ 19,547,656	\$ 20,006,498	\$ 20,590,060	\$ 22,600,530

WATER FUND CAPITAL BUDGET

CAPITAL EXPENSES								
Vehicles/Equipment	\$ 285,052	\$ 221,338	\$ 91,257	\$ (130,081)	\$ 1,121,338	\$ 110,000	\$ 80,000	455,000
Other Projects	148,055	243,974	428,969	184,995	124,241	224,241	450,000	110,000
Water Infrastructure	2,905,900	11,574,162	11,834,197	260,035	7,485,951	7,088,900	7,138,900	6,600,000
Total Capital Expenses	\$ 3,339,007	\$ 12,039,474	\$ 12,354,423	\$ 314,949	\$ 8,731,530	\$ 7,423,141	\$ 7,668,900	\$ 7,165,000
FUNDING SOURCES								
Reserve Funds	\$ 2,883,919	\$ 11,704,474	\$ 11,779,435	\$ 74,961	\$ 8,281,799	\$ 7,023,410	\$ 7,668,900	\$ 7,165,000
Development Cost Charges	455,088	335,000	574,988	239,988	449,731	399,731	-	-
Total Capital Funding	\$ 3,339,007	\$ 12,039,474	\$ 12,354,423	\$ 314,949	\$ 8,731,530	\$ 7,423,141	\$ 7,668,900	\$ 7,165,000

DRAFT 2025 - 2029 Capital Plan - Water Fund

Item #	BU #	Projects	Dept Name	Project Description	2023-2026 Strategic Priority	Proposed 2025-2029 Capital Program					5 year Total (2025-2029)
						2025 Forecast Spend	2026 Forecast Spend	2027 Forecast Spend	2028 Forecast Spend	2029 Forecast Spend	
1	10208	10208 Water Equipment and Furniture	WTR	Scope/Outcome: Annual allocation for operational replacement or upgrade of minor equipment within the water distribution system. Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	25,000	25,000	25,000	25,000	25,000	125,000
2	10209	10209 Water New Hydrants	WTR	Scope/Outcome: Ongoing yearly program to replace old hydrants and install additional ones to meet current standards. Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	62,662	30,000	30,000	30,000	40,000	192,662
3	10357	10357 Consulting Studies - Water	WTR	Scope/Outcome: System studies and pre-design for future water projects. Timeline: Planning Expected Completion: Ongoing	05 Asset Management and Infrastructure	6,519	49,241	49,241	60,000	35,000	200,000
4	10493	10493 Water-Purchase Small Meters	WTR	Scope/Outcome: To replace small water meters that are aging or are obsolete. By changing out old and outdated meters, the usage is more accurately recorded. The upgrades also ensure compatibility with the new technology used in reading the meter counts. Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	40,000	40,000	40,000	40,000	80,000	240,000
5	10633	10633 Water - Asset Management	WTR	Scope/Outcome: Assessing data gap and integrating GIS data into AM & Financial Plans, developing and maintaining AM framework, policy, LOS, strategy, strategic and tactical plans, measurements and reports for Water assets, including maintenance management system and condition assessment. Timeline: Planning Expected Completion: Ongoing	05 Asset Management and Infrastructure	70,964	10,000	10,000	25,000	10,000	125,964
6	10758	10758 Water Trench Restoration	WTR	Scope/Outcome: To carry out water main trench pavement restoration. Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	375,000	250,000	250,000	400,000	500,000	1,775,000
7	10879	10879 Annual Water Modeling Work	WTR	Scope/Outcome: Annual update the City water model by incorporating annual changes (network and land use) to the system. The computer model is also used for the master water servicing study. Timeline: Planning Expected Completion: Ongoing	05 Asset Management and Infrastructure	53,000	25,000	25,000	25,000	25,000	153,000
8	11046	11046 PRV Replacement	WTR	Scope/Outcome: To complete the replacement of PRV at 16th St and London St. Timeline: Planning & Implementation Expected Completion: 2025 - 2027	05 Asset Management and Infrastructure	-	96,338	-	-	350,000	446,338
9	11649	11649 Zone Meters Installation	WTR	Scope/Outcome: To test and calibrate zone meters over 10 years old for accuracy. 550 Zone: 1st Street 16 years old, 504 Zone: Moody Park 12 years old and 504E: Victoria Hill 12 years old Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	28,900	28,900	28,900	28,900	30,000	145,600

DRAFT 2025 - 2029 Capital Plan - Water Fund

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						2025 Forecast Spend	2026 Forecast Spend	2027 Forecast Spend	2028 Forecast Spend	2029 Forecast Spend	
10	11767	11767 Watermain Replacement Program	WTR	Scope/Outcome: Annual replacement program of aging water mains and to add new water mains to improve system efficiency, reliability level of fire protection and water quality enhancement. Asset management requires average of 3 km renewal annually (1.4% of system). Timeline: Implementation Expected Completion: 2025	05 Asset Management and Infrastructure	1,337,635	-	-	-	-	1,337,635
11	12094	12094 Duncan St. Watermain	WTR	Scope/Outcome: Developer delivered DCC project. The Asset acquired is the Duncan Street Water main. This capital line item is to Reimburse Developer for extending Duncan St across other parcels. QW2 Timeline: Implementation Expected Completion: 2025	02 Homes and Housing Options	-	232,100	-	-	-	232,100
12	12096	12096 Watermain Inspections	WTR	Scope/Outcome: To carry condition investigation (incl. CCTV inspection, flow testing, field excavation) on watermains to assist in establishing future years replacements Timeline: Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	30,000	158,500	30,000	30,000	30,000	278,500
13	12097	12097 Water Conservation Program	WTR	Scope/Outcome: Water Conservation Program and implementation, including consumption data collection, enhanced education / outreach, audits, incentive programs. 7 Bold Steps: supporting climate resiliency which can be allocated under Bold Step 7 Timeline: Planning, Delivery Expected Completion: Ongoing	05 Asset Management and Infrastructure	60,000	30,000	100,000	30,000	-	220,000
14	12109	12109 Mtce Management Development	WTR	Scope/Outcome: To develop maintenance management system for water utility. Timeline: Planning, Expected Completion: Ongoing	05 Asset Management and Infrastructure	10,000	10,000	10,000	10,000	10,000	50,000
15	12181	12181 Water Response Plan Update	WTR	Scope/Outcome: Update the current water emergency response plan to reflect current requirements and to meet Fraser Health requirements. Timeline: Planning Expected Completion: 2025	05 Asset Management and Infrastructure	93,139	-	-	-	-	93,139
16	12379	12379 Water Cross Connection Control	WTR	Scope/Outcome: Development of the Cross Connection Control Program Timeline: Delivery/Implementation Expected Completion: Ongoing	05 Asset Management and Infrastructure	122,725	-	-	300,000	-	422,725
17	12446	12446 Water DCC Program Update	WTR	Scope/Outcome: DCC Program Update (Water Component) Timeline: Planning Expected Completion: 2027	05 Asset Management and Infrastructure	12,622	-	30,000	-	30,000	72,622

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						2025 Forecast Spend	2026 Forecast Spend	2027 Forecast Spend	2028 Forecast Spend	2029 Forecast Spend	
18	12461	12461 West-End Waterm Rep Prog 23-27	WTR	Scope/Outcome: Annual replacement program of aging water mains and to add new water mains to improve system efficiency, reliability level of fire protection and water quality enhancement. Asset management requires average of 3 km renewal annually (1.4% of system). West End Utilities Project (ICIP Grant funded). Timeline: 2024-2027 Expected Completion: 2027	05 Asset Management and Infrastructure	7,500,000	2,236,451	-	-	-	9,736,451
19	12471	12471 rpl dump & crane Unit 685	WTR	Scope/Outcome: Replacement of Unit #685, a 2009 Dodge 1 ton dump truck with a knuckle crane unit. This vehicle will be 15yrs old and due for replacement in 2024. Timeline: 2024 Delivery Expected Completion: 2024 (procurement needs to start in 2023)	05 Asset Management and Infrastructure	-	-	-	-	-	-
20	12550	12550 Waterm Rep Prog 25-28	WTR	Scope/Outcome: Annual replacement program of aging water mains and to add new water mains to improve system efficiency, reliability level of fire protection and water quality enhancement. Asset management requires average of 3 km renewal annually (1.4% of system).	05 Asset Management and Infrastructure	2,500,000	4,250,000	6,750,000	5,800,000	6,000,000	25,300,000
21	A0491	A0491 Rpl Air Compressor Trailer Unit #672	WTR	Scope/Outcome: Replacement of Unit #672. This is a 2009 air compressor trailer. This will be over 15 years old and due for replacement in 2025. Timeline: Implimentation Expected Completion: 2025	05 Asset Management and Infrastructure	26,257	-	-	-	-	26,257
22	A0773	A0773 rpl 2017 Nissan Frontier 4WD Unit #605	WTR	Year Purchased: 2017 KM Driven: 54600 Purpose of Use: Water Sup. New Vehicle Type (EV or Gas): EV Order Place (in Year): 2027 Vehicle Deliver (in Year): 2027	05 Asset Management and Infrastructure	-	-	45,000	15,000	-	60,000
23	A0774	A0774 rpl 2015 Ford F59 ITB step Vans Unit #669	WTR	Year Purchased: 2015 KM Driven: 2215 Hours/60632 Purpose of Use: Water Maintenance New Vehicle Type (EV or Gas): EV Order Place (in Year): 2026 Vehicle Deliver (in Year): 2026	05 Asset Management and Infrastructure	-	320,000	-	-	-	320,000
24	A0775	A0775 rpl 2015 Ford F59 ITB step Vans Unit #670	WTR	Year Purchased: 2015 KM Driven: 3122 Hours/66168 Purpose of Use: Water Maintenance New Vehicle Type (EV or Gas): EV Order Place (in Year): 2026 Vehicle Deliver (in Year): 2026	05 Asset Management and Infrastructure	-	320,000	-	-	-	320,000
25	A0776	A0776 rpl 2015 Ford F59 ITB step Vans Unit #671	WTR	Year Purchased: 2015 KM Driven: 3166 Hours/61723 Purpose of Use: Water Maintenance New Vehicle Type (EV or Gas): EV Order Place (in Year): 2026 Vehicle Deliver (in Year): 2026	05 Asset Management and Infrastructure	-	320,000	-	-	-	320,000
26	A0819	A0819 Water Emergency Implementation	WTR	Scope: Purchase of drinking water emergency equipment/vehicle/storage.	05 Asset Management and Infrastructure	-	-	-	250,000	-	250,000
27	A0820	A0820 SCADA Network Upgrade	WTR	Scope: Upgrade of the SCADA system.	05 Asset Management and Infrastructure	-	300,000	-	600,000	-	900,000
Total						12,354,423	8,731,530	7,423,141	7,668,900	7,165,000	43,342,993

2025 Operating Budget Service Enhancement Requests and Funding Opportunities

Department: Utility - Water Fund

Funding Sources												
Dept	Division	Requester	Business Unit	Object Account	Description	Background and Explanation of Funding	Permanent Funding (Yes / No)	Funding Source	Total Additional Funding in Business Unit	Estimated Budget Start Quarter	2025 Net Funding	Notes
ENG - Water	Design and Construction	Kwaku Agyare-Manu	12550	Capital	Manager D&C	Funding to support the Manager of Design and Construction in Engineering.	No	Capital Project	\$ 70,067	Q2	\$ 52,550	Funding to support the Manager of Design and Construction in Engineering, 11765 (33%) & A0818 (33%) & 12550 (33%). 3-Year TFT role.
									\$ 70,067		\$ 52,550	

Operating Service Enhancement Requests																				
Dept	Division	Requester	Business Unit	Object Account	Description	Background and Explanation of Need	Strategic Priority	Council Endorsement (Yes / No)	Permanent Request (Yes / No)	Employee Position Type	# of FTE Addition	Salary Compensation	Salary Related Costs	Consulting or Contracted Services	Supplies & Materials / Other Costs	Employee Benefits Cost (\$/FTE)	Total Operating Enhancement Request in Business Unit	Estimated Budget Start Quarter	2025 Net Impact	Notes
ENG - Water	Design and Construction	Kwaku Agyare-Manu	12550	Capital	NEW TFT - FUNDED FROM CAPITAL - Manager D&C	Funding to support the Manager of Design and Construction in Engineering.	Asset Management and Infrastructure	No	No	TFT	0.33	\$ 53,333			\$ 1,667	\$ 15,067	\$ 70,067	Q2	\$ 52,550	Funding to support the Manager of Design and Construction in Engineering, 11765 (33%) & A0818 (33%) & 12550 (33%). 3-Year TFT role.
ENG - WTR	Public Works	Gabe Beliveau	9410	8110	RECLASSIFICATION - Labourer 2 to Meter Maintenance Attendant	Enhancement of an existing fulltime role in the Water Utility team. This staff member will assist with an expanding portfolio and support Water Utility Asset Management. Additional key benefits in structuring with added benefit or relief coverage and succession planning.	Asset Management and Infrastructure	No	Yes	RFT	-	\$ 10,000				\$ 2,825	\$ 12,825	Q2	\$ 9,619	Enhancement of Labourer 2 to Meter Maintenance Attendant.
											0.33	\$ 63,333	\$ -	\$ -	\$ 1,667	\$ 17,892	\$ 82,892		\$ 62,169	