



## COMMITTEE REPORT

### JOINT SHARED SERVICES COMMITTEE

Committee Report No. FPS 007-2025

Date: March 13, 2025

File No. 1770-20

JSSC Report No. 006-2025

To: Abbotsford Mission Water & Sewer Commission  
 From: Jimmy Chan, Acting Manager, Financial Planning & Accounting (Abbotsford)  
 Subject: 2025 Financial Plan Carry Forward Amendment

### RECOMMENDATION

That the 2025 carryforwards, as outlined in this report, be recommended for approval to the City of Abbotsford and City of Mission Councils, as required.

### BACKGROUND

Projects (operating and capital) from 2024, which are still in progress at the end of the year, have their remaining budget added to the 2025 budget via amendment. Now that full information on 2024 expenditures is available, these carryforwards are proposed for the 2025 budget.

### DISCUSSION / ANALYSIS

#### Operating

Operating carry forwards being requested from 2024 to 2025 are shown below. These are only due to expenditure timing differences; no overall budgets were increased. For example, where expenditures in 2024 ended the year less than originally projected, the budget in 2025 is being increased to reflect that same expenditures previously expected to occur in 2024. Some work that was expected to start in 2024 but did not will now have budget carried forward to 2025, as well.

The following tables summarize the revised municipal contribution for water and sewer operating budgets after inclusion of the carry forward expenses:

#### Summary of 2025 Revised Operating Budget Expenses (in thousands)

	Amount
Original Water 2025 Municipal Contribution	\$ 6,906
Cannell Lake Watershed Management Plan	\$ 100
Loss Management Strategy	40
	<b>\$ 140</b>
AMENDED Water 2025 Municipal Contribution	<b>\$ 7,046</b>

	<b>Amount</b>
Original JAMES 2025 Municipal Contribution	\$ 5,745
Engineering Studies	\$ 78
Effluent, Outfall Monitoring	105
	<b>\$ 183</b>
AMENDED JAMES 2025 Municipal Contribution	<b>\$ 5,928</b>

## Capital

A list of 2024 capital projects to be carried forward to 2025 is shown in Appendix A. This list contains projects with expenditure timing differences only - no project budgets being carried forward were increased.

### Consolidations of 2024 Carry-Forward Project Budgets

A number of water projects with similar scope and significant overlap are being consolidated for the purposes of simplifying the Capital Project listing. These were consolidated for clarity, and details can be found in Appendix B.

No increases or decreases to the overall Joint Water Capital Budget resulted from these consolidations.

### Capital - Summary

The previously approved 2025 water capital budget (\$5.92M) will be adjusted for the carryforwards (\$31.14M), for a total of \$37.06 million. The previously approved 2025 sewer capital budget (\$10.85M) will also be adjusted for the carryforwards (\$27.65M), bringing the total amount to \$38.50 million.

Appendices C and D summarize the 2025 amended water and sewer capital budgets.

## FINANCIAL IMPLICATIONS

The proposed carry-forward amendments reflect timing of expenditure differences only.

## APPROVALS

Nathan Koning, General Manager of Engineering and Regional Utilities  
Komal Basatia, Chief Financial Officer

## **ATTACHMENTS**

Appendix A – List of 2024 Capital Carry-Forward Projects

Appendix B – Consolidations of 2024 Carry-Forward Project Budgets

Appendix C – 2025 Amended Abbotsford/Mission Water Capital Plan

Appendix D – 2025 Amended Abbotsford/Mission JAMES Capital Plan

**APPENDIX A**
**List of 2024 Capital Carryforward Projects**
**JOINT WATER CAPITAL PROJECTS**

Project ID	Project	2024 Revised Budget (A)	2024 Actual Spending (B)	Carryforward Request (C) = A - B (rounded)
AUTO - 2882	New Water Source - Phase 1	14,000,000	91,731	\$ 13,908,000
22P-6039	Cannell System Storage, Transmission, and Treatment Improvements	500,000	-	\$ 500,000
19P-4830	Seismic Study and Design Guidelines	250,000	-	\$ 250,000
10487	Update Joint Water Master Plan (5-yr cycle)	350,000	-	\$ 350,000
21P-5751	AC & PCCP Transmission Main Condition Assessment	333,000	274,476	\$ 59,000
18P-4556	Aging Asset R&R - Townline Wellfield Renewal	2,832,000	425,258	\$ 2,407,000
20P-5333	Dickson Dam Remediation	310,000	113,161	\$ 197,000
19P-4834	Emergency Response Plan Update	95,000	10,835	\$ 84,000
19P-5151	Impressed Current Cathodic Protection (ICCP) System Repairs	390,000	314,916	\$ 75,000
13P-0107	Maclure Watermain ICCP System	337,000	18,490	\$ 319,000
20P-5742	Maclure Cell No. 1 Condition Assessment	50,000	-	\$ 50,000
18P-4398	Norrish Creek Intake Removal and Gravel Extraction	726,000	23,148	\$ 703,000
20P-5739	Norrish Crown Tenure Application Support	36,000	-	\$ 36,000
21P-5772	Norrish WTP Elec/GE PLC Architecture Review & Upgrade	50,000	23,808	\$ 26,000
19P-4839	Norrish WTP Membrane System Feed Flow Control Study	67,000	-	\$ 67,000
21P-5749	Transmission Main Appurtenances Condition Assess.	200,000	-	\$ 200,000
10312	Aging Asset R&R - Norrish WTP Dumper (20-yr cycle)	50,000	-	\$ 50,000
10316	Aging Asset R&R - Norrish WTP Skimmer (20-yr cycle)	239,000	-	\$ 239,000
21P-5750	AMWSC Water Quality Monitoring Improvements	71,000	63,222	\$ 8,000
20P-5741	Cannell Watershed Studies as per 2020 WMP Update	61,000	10,000	\$ 51,000
22P-6038	Eastern Wellfields Renewal	1,360,000	78,060	\$ 1,282,000
21P-5748	Norrish WTP Chlorine Rotameter Replacement	77,000	23,534	\$ 53,000
22P-6044	Norrish WTP Clearwell Outlet Valve Actuator	28,000	2,039	\$ 26,000
19P-4829	Remote Communications for Norrish WTP	250,000	7,957	\$ 242,000
23P-7400	Norrish Creek WTP Membrane Replacement	5,267,000	1,207,140	\$ 4,060,000
17P-3841	Norrish WTP Power Line Refurbishment	3,269,000	69,994	\$ 3,199,000
19P-4777	Aging Asset R&R - Norrish WTP Slow Sand Wall Crack Repairs	155,000	-	\$ 155,000
19P-4779	Aging Asset R&R - Norrish WTP Clearwell Crack Repairs	470,000	-	\$ 470,000
21P-5746	Water Supply Confined Space Elimination	300,000	13,411	\$ 287,000
22P-6043	Norrish WTP Resiliency Improvements	250,000	156,398	\$ 94,000
23P-6793	Maclure Reservoir Site Improvements Engineering	45,000	-	\$ 45,000
23P-6794	Well Rehabiliations	441,000	161,382	\$ 280,000
23P-6797	Transmission Main Emergency Repair Couplings	100,000	-	\$ 100,000
24P-7454	Transmission Main - restore protective cover	2,500,000	1,636,450	\$ 864,000
22P-6485	Steel Transmission Main Leak Detection	250,000	-	\$ 250,000
24P-7098	Water Supply Quality Management System	100,000	-	\$ 100,000
24P-7097	Water Supply Strategic Planning	50,000	-	\$ 50,000
<b>JOINT WATER</b>		<b>\$ 35,859,000</b>	<b>\$ 4,725,410</b>	<b>\$ 31,136,000</b>

**JAMES CAPITAL PROJECTS**

Project ID	Project	2024 Revised Budget (A)	2024 Actual Spending (B)	Carryforward Request (C) = A - B (rounded)
22P-6730	Electrical, Allowance for SCADA and Electrical Upgrades (2022)	318,000	19,386	\$ 299,000
10133	Electrical, Allowance for SCADA and Electrical Upgrades	363,000	-	\$ 363,000
10328	Odour, Odour (H2S) Audit	208,000	-	\$ 208,000
10196	General, Master Plan study	350,000	-	\$ 350,000
24P-7342	Recuperative Thickening of Biosolids Study	430,000	37,538	\$ 392,000
AUTO - 3251	Building Condition Assessment	20,000	-	\$ 20,000
21P-5940	Condition Assessment for JAMES Plant Assets	200,000	-	\$ 200,000
AUTO - 2810	General, Asset Repl (Misc - Prim Eff Pump, Biofilter main duct, Clarif #1)	933,000	-	\$ 933,000
21P-5939	General, Replace Building Roofs (2020)	367,000	23,283	\$ 344,000
20P-5446	Matsqui Dyke Sinkhole - Full Repair	1,112,000	170,920	\$ 941,000
21P-5947	JAMES Plant Biogas Upgrader	6,313,000	-	\$ 6,313,000
20P-5544	JAMES Plant Water Ingress Repairs - Cladding to 4 Walls	100,000	-	\$ 100,000
10197	General, Miscellaneous Repairs to Concrete Tanks and Channels	5,901,000	49,415	\$ 5,852,000
10204	General, Remove Sludge from West Lagoon	1,800,000	12,450	\$ 1,788,000
10206	General, replace building roofs	122,000	-	\$ 122,000
10207	General, replace cover on Biosolids storage (Small Whites) Tent (15-year cycle)	100,000	-	\$ 100,000
10450	Solids, Refurbish Pasteurization Tanks	1,010,000	-	\$ 1,010,000
23P-6869	Effluent Pump Station Repairs	300,000	56,028	\$ 244,000
AUTO-2785	General, Asset Replacement (Clarifier #2 Process Mechanism and Valves)	1,178,000	1,437	\$ 1,177,000
AUTO-2808	General, Asset Replacement (TF #2 Media)	2,710,000	2,529,512	\$ 180,000
AUTO-2809	General, Asset Replacement (TF #2 - Misc.)	280,000	-	\$ 280,000
10110	Digester #1 Floating Cover	1,562,000	-	\$ 1,562,000
10440	Solids, Cleaning and repair digester #1	1,402,000	-	\$ 1,402,000
AUTO - 2795	General, Asset replacement (Misc.)	876,000	-	\$ 876,000
AUTO - 2813	General, Asset replacement (Sed Tank #4 & 5 Collector Drive & Mechanism)	280,000	-	\$ 280,000
AUTO - 2814	General, Asset replacement (Sed Tank #6 & 7 Collector Drive & Mechanism)	280,000	-	\$ 280,000
24P-7487	Influent Scw Pumps Replacement	2,155,000	120,936	\$ 2,034,000
<b>JAMES</b>		<b>\$ 30,670,000</b>	<b>\$ 3,020,904</b>	<b>\$ 27,650,000</b>

Appendix B: Consolidations of 2024 Carry-Forward Project Budgets

Project ID	Project Name	2025 WSC Approved Plan	2025 WSC Approved Plan	2024 Total Carry Forward	Consolidate for 2025 WSC Plan	2025 WSC Amended Plan
13P-0107	Madlure Watermain ICCP System	-	-	319,000	(319,000)	-
19P-5151	Impressed Current Cathodic Protection (ICCP) System Repairs	-	-	75,000	319,000	394,000
20P-5739	Norrish Crown Tenure Application Support	-	-	36,000	(36,000)	-
17P-3841	Norrish WTP Power Line Refurbishment	-	-	3,199,000	36,000	3,235,000
22P-6485	Steel Transmission Main Leak Detection	-	-	250,000	(250,000)	-
21P-5751	AC & PCCP Transmission Main Condition Assessment	-	-	59,000	(59,000)	-
21P-5749	Transmission Main Appurtenances Condition Assess.	-	-	200,000	309,000	509,000
19P-4829	Remote Communications for Norrish WTP	-	-	242,000	(242,000)	-
19P-4839	Norrish WTP Membrane System Feed Flow Control Study	-	-	67,000	(67,000)	-
21P-5748	Norrish WTP Chlorine Rotameter Replacement	-	-	53,000	(53,000)	-
21P-5772	Norrish WTP Elec/GE PLC Architecture Review & Upgrade	-	-	26,000	362,000	388,000
19P-4834	Emergency Response Plan Update	-	-	84,000	(84,000)	-
23P-6797	Transmission Main Emergency Repair Couplings	-	-	100,000	84,000	184,000
Total		\$ -	\$ -	\$ 4,710,000	\$ -	\$ 4,710,000

## Appendix C: 2025 Amended Abbotsford/Mission Water Capital Plan

Project ID	Project Name	2025 WSC Approved Plan	2024 Total Carry Forward	Merging of Projects (See Appendix B)	2025 WSC Amended Plan	DCC Eligible
<b>DCC Eligible</b>						
AUTO - 2882	New Water Source - Phase 1	-	13,908,000		13,908,000	100%
10487	Update Joint Water Master Plan (5-yr cycle)	-	350,000		350,000	100%
22P-6039	Cannell System Storage, Transmission, and Treatment Improvements	-	500,000		500,000	29%
19P-4830	Seismic Study and Design Guidelines	-	250,000		250,000	29%
	<b>Total DCC Eligible</b>	-	15,008,000		15,008,000	
<b>Non-DCC Eligible</b>						
22P-6485	Steel Transmission Main Leak Detection		250,000	(250,000)	-	
21P-5751	AC & PCCP Transmission Main Condition Assessment	-	59,000	(59,000)	-	
21P-5749	Transmission Main Appurtenances Condition Assess.	-	200,000	309,000	509,000	
18P-4556	Aging Asset R&R - Townline Wellfield Renewal	-	2,407,000		2,407,000	
20P-5333	Dickson Dam Remediation	1,000,000	197,000		1,197,000	
13P-0107	Maclure Watermain ICCP System	-	319,000	(319,000)	-	
19P-5151	Impressed Current Cathodic Protection (ICCP) System Repairs	-	75,000	319,000	394,000	
20P-5742	Maclure Cell No. 1 Condition Assessment	-	50,000		50,000	
18P-4398	Norrish Creek Intake Removal and Gravel Extraction	-	703,000		703,000	
10312	Aging Asset R&R - Norrish WTP Dumper (20-yr cycle)	-	50,000		50,000	
10316	Aging Asset R&R - Norrish WTP Skimmer (20-yr cycle)	-	239,000		239,000	
21P-5750	AMWSC Water Quality Monitoring Improvements	-	8,000		8,000	
20P-5741	Cannell Watershed Studies as per 2020 WMP Update	-	51,000		51,000	
22P-6038	Eastern Wellfields Renewal	-	1,282,000		1,282,000	
22P-6044	Norrish WTP Clearwell Outlet Valve Actuator	-	26,000		26,000	
19P-4829	Remote Communications for Norrish WTP	-	242,000	(242,000)	-	
19P-4839	Norrish WTP Membrane System Feed Flow Control Study	-	67,000	(67,000)	-	
21P-5748	Norrish WTP Chlorine Rotameter Replacement	-	53,000	(53,000)	-	
21P-5772	Norrish WTP Elec/GE PLC Architecture Review & Upgrade	-	26,000	362,000	388,000	
23P-7400	Norrish Creek WTP Membrane Replacement	-	4,060,000		4,060,000	
20P-5739	Norrish Crown Tenure Application Support	-	36,000	(36,000)	-	
17P-3841	Norrish WTP Power Line Refurbishment	-	3,199,000	36,000	3,235,000	
19P-4777	Aging Asset R&R - Norrish WTP Slow Sand Wall Crack Repairs	-	155,000		155,000	
19P-4779	Aging Asset R&R - Norrish WTP Clearwell Crack Repairs	-	470,000		470,000	
21P-5746	Water Supply Confined Space Elimination	-	287,000		287,000	
22P-6043	Norrish WTP Resiliency Improvements	-	94,000		94,000	
23P-6793	Maclure Reservoir Site Improvements Engineering	-	45,000		45,000	
23P-6794	Well Rehabilitations	-	280,000		280,000	
19P-4834	Emergency Response Plan Update	-	84,000	(84,000)	-	
23P-6797	Transmission Main Emergency Repair Couplings	-	100,000	84,000	184,000	
24P-7454	Transmission Main - restore protective cover	-	864,000		864,000	
24P-7098	Water Supply Quality Management System	-	100,000		100,000	
24P-7097	Water Supply Strategic Planning	-	50,000		50,000	
19P-4778	Aging Asset R&R Program	2,500,000	-		2,500,000	
19P-4800	Dam Safety Reviews (10-yr cycle)	155,000	-		155,000	
25P-7666	Cannell WTP Generator Replacement	350,000	-		350,000	
25P-7669	Norrish WTP Control Valve PLC Upgrade	70,000	-		70,000	
25P-7671	Bevan EA, Downes Creek Mitigation Well & Flow Station	500,000	-		500,000	
25P-7672	Bevan EA Certificate Amendment	125,000	-		125,000	
AUTO - 3236	Joint Water Contingency	500,000	-		500,000	
25P-7596	Norrish WTP Spare Parts Storage	100,000	-		100,000	
25P-7597	Bell Road Transmission Spare Pipe Yard	100,000	-		100,000	
25P-7598	Major Mechanical Maintenance	200,000	-		200,000	
25P-7602	New Service Truck for New Water Supply Operator	120,000	-		120,000	
25P-7604	Water Supply - Building Envelop Improvements	200,000	-		200,000	
	<b>Total Non-DCC Eligible</b>	5,920,000	16,128,000	-	22,048,000	
	<b>Total</b>	\$ 5,920,000	\$ 31,136,000	\$ -	\$ 37,056,000	

## Appendix D: 2025 Amended Abbotsford/Mission JAMES Capital Plan

Project ID	Project Name	2025 WSC Approved Plan	2024 Total Carry Forward	2025 WSC Amended Plan	DCC Eligible
<b>DCC Eligible</b>					
22P-6730	Electrical, Allowance for SCADA and Electrical Upgrades (2022)	-	299,000	299,000	50%
10133	Electrical, Allowance for SCADA and Electrical Upgrades	-	363,000	363,000	50%
10328	Odour, Odour (H2S) Audit	-	208,000	208,000	50%
10196	General, Master Plan Study	50,000	350,000	400,000	50%
24P-7342	Recuperative Thickening of Biosolids Study	-	392,000	392,000	50%
<b>Total DCC Eligible</b>		50,000	1,612,000	1,662,000	
<b>Non-DCC Eligible</b>					
AUTO - 3251	Building Condition Assessment	-	20,000	20,000	
21P-5940	Condition Assessment for JAMES Plant Assets	-	200,000	200,000	
AUTO - 2810	General, Asset Repl (Misc - Prim Eff Pump, Biofilter main duct, Clarif #1)	-	933,000	933,000	
21P-5939	General, Replace Building Roofs (2020)	-	344,000	344,000	
20P-5446	Matsqui Dyke Sinkhole - Full Repair	-	941,000	941,000	
21P-5947	JAMES Plant Biogas Upgrader	-	6,313,000	6,313,000	
20P-5544	JAMES Plant Water Ingress Repairs - Cladding to 4 Walls	-	100,000	100,000	
10197	General, Miscellaneous Repairs to Concrete Tanks and Channels	-	5,852,000	5,852,000	
10204	General, Remove Sludge from West Lagoon	-	1,788,000	1,788,000	
10206	General, replace building roofs	105,000	122,000	227,000	
10207	General, replace cover on Biosolids storage (Small Whites) Tent (15-year cycle)	350,000	100,000	450,000	
10450	Solids, Refurbish Pasteurization Tanks	-	1,010,000	1,010,000	
23P-6869	Effluent Pump Station Repairs	-	244,000	244,000	
AUTO-2785	General, Asset Replacement (Clarifer #2 Process Mechanism and Valves)	-	1,177,000	1,177,000	
AUTO-2808	General, Asset Replacement (TF #2 Media)	3,000,000	180,000	3,180,000	
AUTO-2809	General, Asset Replacement (TF #2 - Misc.)	-	280,000	280,000	
10110	Digester #1 Floating Cover	-	1,562,000	1,562,000	
10440	Solids, Cleaning and repair digester #1	-	1,402,000	1,402,000	
AUTO - 2795	General, Asset replacement (Misc.)	-	876,000	876,000	
AUTO - 2813	General, Asset replacement (Sed Tank #4 & 5 Collector Drive & Mechanism)	-	280,000	280,000	
AUTO - 2814	General, Asset replacement (Sed Tank #6 & 7 Collector Drive & Mechanism)	-	280,000	280,000	
24P-7487	Influent Scew Pumps Replacement	-	2,034,000	2,034,000	
10111	Digester #1 Mechanical Works	4,677,000	-	4,677,000	
10334	Odour, Replace Odour Control and Biofilter Tent Cover	296,000	-	296,000	
10448	Solids, Refurbish Centrifuges	100,000	-	100,000	
21P-5856	Joint Sewer Contingency	500,000	-	500,000	
24P-7376	Septage Receiving Station and Hauler	1,100,000	-	1,100,000	
25P-7610	High Pressure Storage Tank Inspection and Repairs	250,000	-	250,000	
25P-7703	JAMES Plant - Change Room Modifications	75,000	-	75,000	
AUTO - 2819	General, Asset Replacement (Headworks Screen #2)	348,000	-	348,000	
<b>Total Non-DCC Eligible</b>		10,801,000	26,038,000	36,839,000	
<b>Total</b>		<b>\$10,851,000</b>	<b>\$ 27,650,000</b>	<b>\$38,501,000</b>	