

Staff Report to Council

Engineering & Operations

FILE: 01-0620-03/21

REPORT DATE: November 12, 2021 **MEETING DATE:** November 29, 2021
TO: Mayor and Council
FROM: Cameron Reimer, Manager of Operations
SUBJECT: **2022 Business Plan - Operations Division**

CHIEF ADMINISTRATIVE OFFICER REVIEW/APPROVAL:



RECOMMENDATION(S):

THAT Council:

- A. Receive for information the Operations Division 2022 Draft Business Plan and Staff Report as presented at the November 29, 2021 meeting of Council; OR
- B. Other.

PURPOSE

To present the 2022 Draft Business Plan for Operations.

Information Report Decision Report Direction Report

DISCUSSION

DIVISION OVERVIEW

The Operations Division ensures that the City's public infrastructure is operated and maintained according to established service level standards. This includes managing and servicing equipment and machinery as well as the maintenance of capital infrastructure. Services include:

- Public works administration
- Drinking water quality and distribution – testing and meter reading

- Wastewater collection system
- Storm drainage management
- Solid waste collection – garbage and green waste
- Dike maintenance
- Fleet and equipment infrastructure renewal and replacement
- Maintenance of roads, bridges, and sidewalks – including winter conditions

Operating Budget: \$1,645,700

Capital Budget: \$1,861,200

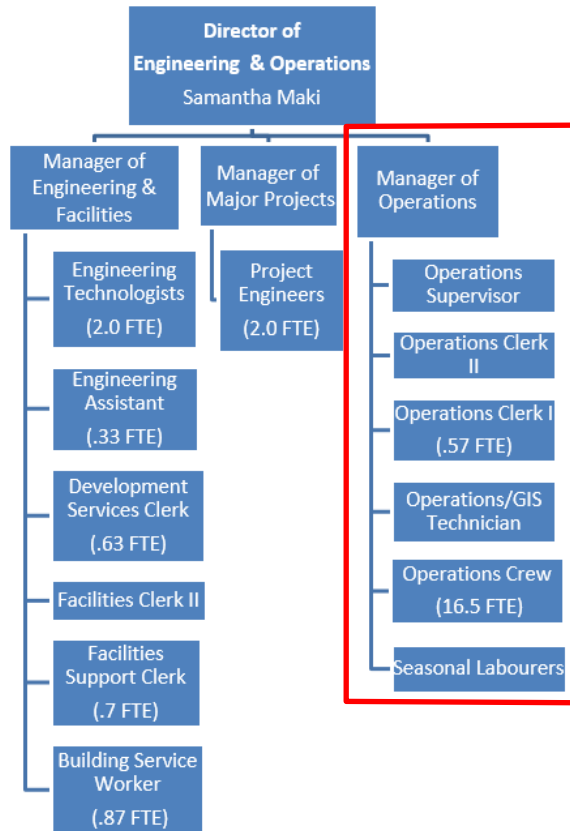
% Share of overall City Budget: Note that the pie chart does not include utilities.



- Operations 6.2%
- Remaining City Budget 93.8%

Staff Complement

OPERATIONS TOTAL
21.07 FTE + SEASONAL



Forecasted position adjustments

To continue to maintain existing service levels, the Operations Division anticipates the need for an additional Labourer II position in the coming years. Primarily due to continued community growth, adding a Labourer II position will allow the City to respond to an increasing number of citizen requests and concerns promptly, facilitate knowledge transfer for succession planning and continue providing critical infrastructure maintenance.

Upon authorization from the CAO, position adjustments will be funded from additional revenue, taxation growth (assessment from new construction), and/or the reallocation of existing resources to meet emerging needs without a tax impact. Position adjustments with the potential for a tax increase will be provided for Council consideration as Decision Packages.

Deferred Projects

As a result of priorities that emerged throughout the year the following 2021 business plan initiatives were deferred:

- **NEW HARRIS STREET LIGHT BANNERS.** Banners are beyond their service life. Artwork for the banners to be completed before ordering and installing banners.
- **RIDE ON ROLLER.** Life cycle replacement of the Ride on Roller has been cancelled following further review of fleet needs, saving approximately \$70,000. Other attachments or rentals will fill the requirement for the ride on roller and replacement is no longer needed.

2021 Achievements (Top 3)

- **REPLACE TWO ½ TON PICKUP TRUCKS.** Replacement of two ½ ton gas pickup trucks with green hybrid trucks. Transportation and Infrastructure – Investments.
- **STREET LIGHT CHRISTMAS DECORATIONS.** The addition of 20 decorative Christmas lights along Hammond Rd and Barnston View Rd and modifications to existing street lights. Community Spirit and Wellbeing – Pride and Spirit.
- **STREET LIGHT LED PROGRAM.** The replacement of existing street lights with energy-efficient longer-lasting LEDs. Transportation and Infrastructure – Investments.

Key Challenges for 2022

- **RESOURCING CHALLENGES AND LOSS OF CORPORATE KNOWLEDGE.** Due to recent retirements and internal promotions, maintaining service levels while filling vacant positions and retaining corporate knowledge will continue to be a challenge until experience levels are regained.

- **AGING INFRASTRUCTURE.** Infrastructure is deteriorating faster than the current rate of replacement and necessary repair, maintenance, and replacement of City assets continues to create resource and funding challenges. Critical upgrades to the culverts, dikes, and drainage are top priorities. The City continues to incorporate innovative ideas for asset replacement to prolong service life, where possible. The City is following the consultant recommendations for asset replacement funding and will achieve annual targets in the coming years.
- **INCREASING DEMAND FOR SERVICES.** As the City’s population continues to grow, demand on the City’s infrastructure increases posing new challenges to service levels. Citizen requests have increased by 44% since 2019, with pressure to minimize costs, where possible. Staff are closely monitoring the situation to ensure service levels are maintained however, it is anticipated increasing workload will require an additional labourer resource within the next 2 years.

Key Initiatives 2022

Strategic Priority	Initiative
Transportation and Infrastructure – Infrastructure	CULVERT REPLACEMENTS. Annual replacement of various culverts throughout the City’s drainage network to ensure consistent conveyance.
Transportation and Infrastructure – Infrastructure	CULVERT CONDITION ASSESSMENT. Pending the successful outcome of a grant, a detailed assessment of the City’s culvert inventory and replacement plan to be established.
Transportation and Infrastructure – Infrastructure and Preparedness	FENTON/BAYNES PUMP REPLACEMENT & BAYNES BACKUP GENERATOR. Completion of the multi-year project involving relocation of the Baynes pumps to the Fenton Station, new pumps at the Baynes Pump Station, and installation of a backup generator at Baynes pump station in alignment with previously approved grant funding.
Transportation and Infrastructure – Infrastructure and Preparedness	KENNEDY PUMP REPLACEMENT DESIGN. Further review of pump replacement options and associated design in preparation for 2023 construction.
Transportation and Infrastructure – Investment	KENNEDY PUMP STATION – TRASH RACK DESIGN. Design of an automated trash rack system at the Kennedy Pump Station and coordination with the pump replacement.

Strategic Priority	Initiative
Transportation and Infrastructure – Infrastructure and Investments	ISMP MONITORING. Following up on recommendations from the previous study and in alignment with Metro Vancouver’s initiatives, further review of integrated stormwater management and associated testing in select areas of the City.
Transportation and Infrastructure – Infrastructure and Investments	190A PRV STATION RELOCATION FEASIBILITY STUDY. Assessment of possible relocation of existing PRV station closer to Metro Vancouver’s Lougheed Hwy water main.
Transportation and Infrastructure – Infrastructure	SHERIDAN HILL BOOSTER STATION UPGRADES. Upgrades of existing water booster station on Sheridan Hill to ensure compliance with Technical Safety BC.
Transportation and Infrastructure – Investments	2022 CAPITAL WORKS – SEWER. Relining of localized sections of the City’s sewer system.
Transportation and Infrastructure – Infrastructure and Preparedness	DIKING REPAIRS & IMPROVEMENTS. Annual repairs of the diking system around the City to maintain the integrity of the dike. Ongoing review of grant opportunities for future substantial dike improvements.
Transportation and Infrastructure – Infrastructure	LIFE CYCLE REPLACEMENT OF FLEET VEHICLES. Replacement of water service van as it has reached the end of its useful service life.
Community Spirit and Wellbeing – Pride and Spirit	NEW HARRIS STREET LIGHT BANNERS. Following completion of artwork designs, replacement of small banners on Harris Rd street lights.
Community Spirit and Wellbeing – Health and Safety	BEAR-PROOF GARBAGE CANS. As recommended by the Conservation Officer, ongoing replacement of garbage cans along the dike with bear-proof cans. 6 cans to be replaced each year from 2021-2023.

1. PROPOSED OPERATING BUDGET

	2021 Adopted Budget	2022 Proposed Budget	Proposed Changes for 2022		2023 Proposed Budget	2024 Proposed Budget	2025 Proposed Budget	2026 Proposed Budget
Revenue								
Operations Administration & Equipment	\$ (243,800)	\$ (243,800)	\$ -	0.0%	\$ (243,800)	\$ (243,800)	\$ (243,800)	\$ (243,800)
Transportation	(65,500)	(65,500)	-	0.0%	(65,800)	(66,100)	(66,300)	(66,600)
Diking Maintenance	(153,300)	(155,000)	(1,700)	-1.1%	(155,000)	(155,000)	(155,000)	(155,000)
	(462,600)	(464,300)	(1,700)	-0.4%	(464,600)	(464,900)	(465,100)	(465,400)
Expenses								
Operations Administration & Equipment	572,800	635,500	62,700	10.9%	659,000	683,800	706,600	730,500
Transportation	1,096,600	1,129,000	32,400	3.0%	1,139,800	1,147,700	1,161,300	1,164,000
Diking Maintenance	345,700	345,500	(200)	-0.1%	346,800	348,000	349,300	350,600
	2,015,100	2,110,000	94,900	4.7%	2,145,600	2,179,500	2,217,200	2,245,100
Net Operating Expenses	\$ 1,552,500	\$ 1,645,700	\$ 93,200	6.0%	\$ 1,681,000	\$ 1,714,600	\$ 1,752,100	\$ 1,779,700
Key Budget Changes for 2022:								
Salary and benefits			13,500					
Equipment and Fleet reserve savings			23,000					
Administration & Fleet Charges to Transportation & Utilities			23,900					
Street Lights, Amenities, Road Maintenance			29,900					
Other			2,900					
Change in Net Operating Expenses			\$ 93,200					

2. PROPOSED OPERATING BUDGET – UTILITIES

SOLID WASTE UTILITY OPERATING FINANCIAL SUMMARY

	2021 Adopted Budget	2022 Proposed Budget	Proposed Changes for 2022		2023 Proposed Budget	2024 Proposed Budget	2025 Proposed Budget	2026 Proposed Budget
Revenue								
User Fees	\$ (1,050,300)	\$ (1,131,500)	\$ (81,200)	-7.7%	\$ (1,182,100)	\$ (1,235,300)	\$ (1,290,500)	\$ (1,346,900)
Garbage Tickets	(12,000)	(12,000)	-	0.0%	(12,000)	(12,000)	(12,000)	(12,000)
Miscellaneous	(2,300)	(2,300)	-	0.0%	(2,300)	(2,300)	(2,300)	(2,300)
	(1,064,600)	(1,145,800)	(81,200)	-7.6%	(1,196,400)	(1,249,600)	(1,304,800)	(1,361,200)
Expenses								
Administration	59,300	62,500	3,200	5.4%	63,500	64,700	65,900	67,100
Advertising	4,000	2,000	(2,000)	-50.0%	2,000	2,000	2,000	2,000
Curbside Collection	534,100	539,200	5,100	1.0%	550,000	561,000	572,200	583,600
Garbage Supplies & Materials	10,100	10,100	-	0.0%	10,100	10,100	10,100	10,100
Tipping Fees	457,100	531,500	74,400	16.3%	569,800	610,300	652,600	695,900
	1,064,600	1,145,300	80,700	7.6%	1,195,400	1,248,100	1,302,800	1,358,700
Reserve Savings	-	500	500		1,000	1,500	2,000	2,500
Total Expenditures & Reserves	1,064,600	1,145,800	81,200	7.6%	1,196,400	1,249,600	1,304,800	1,361,200
Net Operating Expenses	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -
Key Budget Changes for 2022:								
Reserve Savings			500					
Administration support allocation			2,900					
Solid Waste & Green Waste Collection			5,100					
Green Waste Tipping Fees			70,200					
GVS&DD Garbage Tipping Fees			4,200					
Other			(1,700)					
Change in Expenditures			\$ 81,200					

WATER UTILITY OPERATING FUND FINANCIAL SUMMARY

	2021 Adopted Budget	2022 Proposed Budget	Proposed Changes for 2022		2023 Proposed Budget	2024 Proposed Budget	2025 Proposed Budget	2026 Proposed Budget
Revenue								
Flat	\$ (3,496,400)	\$ (3,704,000)	\$ (207,600)	-5.9%	\$ (3,884,800)	\$ (4,112,200)	\$ (4,379,500)	\$ (4,630,500)
Metered	(1,461,100)	(1,534,900)	(73,800)	-5.1%	(1,675,900)	(1,895,100)	(2,156,000)	(2,439,500)
Other	(31,000)	(31,000)	-	0.0%	(31,000)	(31,000)	(31,000)	(31,000)
	<u>(4,988,500)</u>	<u>(5,269,900)</u>	<u>(281,400)</u>	<u>-5.6%</u>	<u>(5,591,700)</u>	<u>(6,038,300)</u>	<u>(6,566,500)</u>	<u>(7,101,000)</u>
Expenses								
GVWD Water Purchase	2,806,900	2,992,200	185,300	6.6%	3,240,900	3,613,700	4,068,200	4,529,300
Hydrant Servicing	48,600	50,300	1,700	3.5%	50,900	51,700	52,400	53,100
Meter Servicing	25,600	26,400	800	3.1%	26,800	27,100	27,400	27,700
PRV Servicing	67,400	69,600	2,200	3.3%	70,600	71,700	72,700	73,800
Water Line Servicing & Administration	635,000	666,400	31,400	4.9%	677,500	689,100	700,800	712,100
	<u>3,583,500</u>	<u>3,804,900</u>	<u>221,400</u>	<u>6.2%</u>	<u>4,066,700</u>	<u>4,453,300</u>	<u>4,921,500</u>	<u>5,396,000</u>
Reserve Savings	1,405,000	1,465,000	60,000	4.3%	1,525,000	1,585,000	1,645,000	1,705,000
Total Expenditures & Reserves	<u>4,988,500</u>	<u>5,269,900</u>	<u>281,400</u>	<u>5.6%</u>	<u>5,591,700</u>	<u>6,038,300</u>	<u>6,566,500</u>	<u>7,101,000</u>
Net Operating Expenses	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -
Key Budget Changes for 2022:								
Capital reserve savings			60,000					
Administration support allocation			17,400					
GVWD Water Purchase			185,300					
Maintenance			18,700					
Change in Expenditures & Reserves			<u>\$ 281,400</u>					

SEWER UTILITY OPERATING FUND FINANCIAL SUMMARY

	2021 Adopted Budget	2022 Proposed Budget	Proposed Changes for 2022		2023 Proposed Budget	2024 Proposed Budget	2025 Proposed Budget	2026 Proposed Budget
Revenue								
Levy	\$ (2,650,600)	\$ (2,688,700)	\$ (38,100)	-1.4%	\$ (3,033,300)	\$ (3,405,800)	\$ (3,857,200)	\$ (4,708,200)
Katzie	(23,000)	(23,500)	(500)	-2.2%	(26,600)	(30,100)	(34,000)	(38,400)
	<u>(2,673,600)</u>	<u>(2,712,200)</u>	<u>(38,600)</u>	<u>-1.4%</u>	<u>(3,059,900)</u>	<u>(3,435,900)</u>	<u>(3,891,200)</u>	<u>(4,746,600)</u>
Expenses								
Sewer Lift Station Maintenance	146,300	150,700	4,400	3.0%	152,800	154,900	156,800	158,900
Sewer Lines Maintenance	389,000	400,900	11,900	3.1%	407,600	414,500	421,300	428,300
GVS&DD Treatment	1,650,300	1,652,600	2,300	0.1%	1,971,500	2,318,500	2,745,100	3,571,400
	<u>2,185,600</u>	<u>2,204,200</u>	<u>18,600</u>	<u>0.9%</u>	<u>2,531,900</u>	<u>2,887,900</u>	<u>3,323,200</u>	<u>4,158,600</u>
Reserve Savings	488,000	508,000	20,000	4.1%	528,000	548,000	568,000	588,000
Total Expenditures & Reserves	<u>2,673,600</u>	<u>2,712,200</u>	<u>38,600</u>	<u>1.4%</u>	<u>3,059,900</u>	<u>3,435,900</u>	<u>3,891,200</u>	<u>4,746,600</u>
Net Operating Expenses	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -
Key Budget Changes for 2022:								
Capital reserve savings			20,000					
Administration support allocation			8,700					
Property Insurance			(300)					
Maintenance (lines, pumps)			7,900					
GV&DD treatment charge			2,300					
Change in Expenditures & Reserves			<u>\$ 38,600</u>					

DRAINAGE UTILITY OPERATING FUND FINANCIAL SUMMARY

	2021 Adopted Budget	2022 Proposed Budget	Proposed Changes for 2022		2022 Proposed Budget	2024 Proposed Budget	2025 Proposed Budget	2026 Proposed Budget
Revenue								
Drainage Levies	\$ (1,265,000)	\$ (1,304,200)	\$ (39,200)	-3.1%	\$ (1,334,700)	\$ (1,364,500)	\$ (1,393,700)	\$ (1,422,200)
Drainage Mill Rate	(875,600)	(912,600)	(37,000)	-4.2%	(940,000)	(968,200)	(997,200)	(1,027,100)
Maple Ridge for Area 3	(210,000)	(224,800)	(14,800)	-7.0%	(238,000)	(251,100)	(264,200)	(277,400)
	(2,350,600)	(2,441,600)	(91,000)	-3.9%	(2,512,700)	(2,583,800)	(2,655,100)	(2,726,700)
Expenses								
Ditch Cleaning	369,400	373,100	3,700	1.0%	376,600	379,800	383,400	386,600
Culvert Maintenance	62,400	82,600	20,200	32.4%	83,300	84,100	84,800	85,700
Drainage Maintenance	701,700	698,500	(3,200)	-0.5%	711,300	724,200	737,000	750,200
Pump Screens Maintenance	215,100	234,600	19,500	9.1%	237,900	241,300	244,700	248,200
	1,348,600	1,388,800	40,200	3.0%	1,409,100	1,429,400	1,449,900	1,470,700
Reserve Savings	1,002,000	1,052,800	50,800	5.1%	1,103,600	1,154,400	1,205,200	1,256,000
Total Expenditures & Reserves	2,350,600	2,441,600	91,000	3.9%	2,512,700	2,583,800	2,655,100	2,726,700
Net Operating Expenses	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -
Key Budget Changes for 2022:								
Capital reserve savings from levies & mill rate			40,000					
Capital reserve savings from Maple Ridge contribution			10,800					
Administration support allocation			2,800					
Hydro & insurance			(22,900)					
Maintenance (ditches, culverts, pumps)			60,300					
Change in Expenditures & Reserves			\$ 91,000					

3. PROPOSED CAPITAL BUDGET

GL Category Project	2022	2023	2024	2025	2026	Total
DV310-DV470 - OPERATIONS						
8300 - TRANSPORTATION CAPITAL						
090025 - BRIDGE MAINTENANCE - VARIOUS #09-TR-062	\$ 20,000	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000
090029 - AERIAL PHOTO RENEWAL #09-IT-039	\$ -	\$ -	\$ -	\$ 7,000	\$ -	\$ 7,000
120026 - SIDEWALK REPAIR #12-TR-099	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000
130001 - MISC ROAD ASSET- REHAB #09-TR-001	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
200011 - STREETLIGHT LED PROGRAM DP #20-TR-002	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 300,000
990013 - MISC ROADS-IMPROVMENTS #09-TR-002	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
8300 - TRANSPORTATION CAPITAL Total	\$ 180,000	\$ 160,000	\$ 187,000	\$ 160,000	\$ 180,000	\$ 867,000
8310 - OPERATIONS FLEET CAPITAL						
170050 - 2007 GRADALL REPLACEMENT - M032 #17-FE-068	\$ -	\$ -	\$ -	\$ 450,000	\$ -	\$ 450,000
180055 - REPLACE '10 SERVICE VAN M179 #15-FE-066	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ 165,000
180056 - REPLACE '16 TRACTOR M054 #15-FE-067	\$ -	\$ 345,000	\$ -	\$ -	\$ -	\$ 345,000
180103 - TRAILER GENSET M304 #18-FE-082	\$ -	\$ -	\$ -	\$ -	\$ 45,000	\$ 45,000
180104 - TILT EQUIPMENT TRAILER M315 #18-FE-083	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
180105 - '10' TILT EQUIPMENT TRAILER M313 #18-FE-084	\$ -	\$ -	\$ -	\$ -	\$ 8,000	\$ 8,000
180106 - ASPHALT HOTBOX M034 #18-FE-085	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
180107 - BRUSH CHIPPER M210 #18-FE-087	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
180108 - SLIDE IN SANDER M240 #18-FE-088	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ 15,000
180110 - 3/4 TON PICKUP M402 #18-FE-090	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
190040 - 3/4 TON SERVICE TRUCK M181 #18-FE-091	\$ -	\$ -	\$ -	\$ 85,000	\$ -	\$ 85,000
190061 - 2011 TANDEM DMP TRK M157 REPL #18-FE-074	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000
190062 - FRONT MOUNT PLOW M158 REPL #18-FE-075	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000
190063 - UNDERBODY PLOW M159 REPL #18-FE-076	\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000
190064 - SLIDE IN SANDER M160 REPL #18-FE-077	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
190065 - ANTI ICING SYTEM M401 REPL #18-FE-078	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
190066 - TRAILER GENSET M303 REPL #18-FE-081	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000
200014 - 2013 BACKHOE REPLACEMENT M072 #16-FE-059	\$ -	\$ -	\$ -	\$ 245,000	\$ -	\$ 245,000
200016 - CREWCAB DUMP TRUCK M182 #18-FE-080	\$ -	\$ -	\$ -	\$ 135,000	\$ -	\$ 135,000
210016 - FACILITIES TRUCK	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000
210017 - STEEL SANDER M156	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
210018 - DRUM ROLLER M226 & FRONT PLOW M241	\$ -	\$ -	\$ -	\$ 45,000	\$ -	\$ 45,000
210019 - HOE PAC M291	\$ -	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000
210020 - HENDERSON SS SANDER M311	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
210026 - POLARIS GEM M527	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 15,000
8310 - OPERATIONS FLEET CAPITAL Total	\$ 165,000	\$ 460,000	\$ 825,000	\$ 465,000	\$ 213,000	\$ 2,128,000

GL Category Project	2022	2023	2024	2025	2026	Total
8400 - SOLID WASTE CAPITAL						
210036 - BEAR-PROOF GARBAGE CANS	\$ 16,200	\$ 16,200	\$ -	\$ -	\$ -	\$ 32,400
8400 - SOLID WASTE CAPITAL Total	\$ 16,200	\$ 16,200	\$ -	\$ -	\$ -	\$ 32,400
8410 - WATER CAPITAL						
190070 - SCADA IMPROVEMENTS #18-WS-003	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
220028 - 190A PRV RELOCATION FEASIBILITY STUDY	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000
220029 - ODTR - WATER CONNECTIONS MCKECHNIE TO SHARPE	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ 95,000
220035 - SHERIDAN HILL BOOSTER STN - UPGRADES/DECOMMISSION	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ 220,000
990077 - VARIOUS WATER REHAB #09-WS-001	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000
8410 - WATER CAPITAL Total	\$ 365,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 525,000
8430 - SEWER CAPITAL						
090016 - SEWER PIPE REHAB #09-SS-023	\$ 200,000	\$ 100,000	\$ 300,000	\$ -	\$ 300,000	\$ 900,000
100014 - SCADA UPGRADES #10-SS-024	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
190046 - HAMMOND SLS PMP REPL #18-SS-037	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000
990084 - SEWER MISC RPRS #09-SS-001	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 75,000
8430 - SEWER CAPITAL Total	\$ 225,000	\$ 180,000	\$ 325,000	\$ 25,000	\$ 325,000	\$ 1,080,000
8452 - DRAINAGE AREA #2 CAPITAL						
180072 - DRAINAGE PUMP REPL FENTON/BAYNES #15-DS-022	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
8452 - DRAINAGE AREA #2 CAPITAL Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
8453 - DRAINAGE AREA #3 CAPITAL						
190050 - DCC ST10 BAYNES P/S UPGRADE #19-DS-009	\$ -	\$ 840,000	\$ -	\$ -	\$ -	\$ 840,000
990073 - DRAINAGE PMP REPL KENNEDY #15-DS-019	\$ 100,000	\$ 1,400,000	\$ -	\$ -	\$ -	\$ 1,500,000
8453 - DRAINAGE AREA #3 CAPITAL Total	\$ 100,000	\$ 2,240,000	\$ -	\$ -	\$ -	\$ 2,340,000
8454 - DRAINAGE AREA #4 CAPITAL						
010011 - PITT POLDER (A4) #09-DS-024	\$ -	\$ -	\$ -	\$ 760,000	\$ 460,000	\$ 1,220,000
8454 - DRAINAGE AREA #4 CAPITAL Total	\$ -	\$ -	\$ -	\$ 760,000	\$ 460,000	\$ 1,220,000
8450 - DRAINAGE ALL AREAS CAPITAL						
070002 - CULVERT REPLACEMENTS #09-DS-015	\$ 170,000	\$ 170,000	\$ 170,000	\$ 170,000	\$ 170,000	\$ 850,000
090027 - STORM MISC RPRS #09-DS-001	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 200,000
110017 - KENNEDY TRASH RACKS SYSTEMS #11-DS-038	\$ 40,000	\$ 760,000	\$ -	\$ -	\$ -	\$ 800,000
130009 - MAJOR SLOUGH CLEANING #13-DS-036	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ 300,000
160036 - ISMP MONITORING #16-DS-044	\$ 40,000	\$ -	\$ -	\$ -	\$ 20,000	\$ 60,000
190048 - DRAINAGE SCADA REPL #19-DS-001	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000
200029 - MISC PUMP REPLACEMENT/REPAIR 20-DS-001 #20-DS-001	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000
990071 - ALL PUMP STATIONS REFURBISH #09-DS-012	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000
8450 - DRAINAGE ALL AREAS CAPITAL Total	\$ 415,000	\$ 1,245,000	\$ 335,000	\$ 235,000	\$ 355,000	\$ 2,585,000
8470 - DIKING ALL AREAS CAPITAL						
090028 - DIKING - MISC REPAIRS #09-DK-001	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 325,000
8470 - DIKING ALL AREAS CAPITAL Total	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 325,000
8473 - DIKING AREA #3 CAPITAL						
220034 - DIKE IMPROVEMENTS - FRASER	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
8473 - DIKING AREA #3 CAPITAL Total	\$ 230,000	\$ -	\$ -	\$ -	\$ -	\$ 230,000
DV310-DV470 - OPERATIONS Total	\$ 1,861,200	\$ 4,406,200	\$ 1,777,000	\$ 1,750,000	\$ 1,638,000	\$ 11,432,400

4. DECISION PACKAGE(S)

None.

PUBLIC PARTICIPATION

Inform Consult Involve Collaborate Empower

KATZIE FIRST NATION CONSIDERATIONS

Referral Yes No

SIGN-OFFS

Written by:

Cameron Reimer,
Manager of Operations

Reviewed by:

Samantha Maki,
Director of Engineering & Operations

ATTACHMENT(S)

None.