

**GRAND RAPIDS
PUBLIC UTILITIES COMMISSION**

**2022
BUDGET**

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Grand Rapids Public Utilities
2022 Budget Summary
11/30/2021

	Electric	Water	Wastewater Collection	Wastewater Treatment	Total
REVENUES:					
Operating	16,178,295	1,565,143	1,776,756	3,247,444	22,767,638
Other	111,339	252,517	11,890		375,746
TOTAL REVENUES	16,289,634	1,817,660	1,788,646	3,247,444	23,143,384
EXPENSES:					
Source of Supply	11,124,721	0	0	0	11,124,721
Production/Treatment	0	608,801	624,119	3,247,444	4,480,364
Distribution/Collection	941,448	395,446	847,621		2,184,515
Customer Accounting	340,422	91,935	69,762		502,120
Conservation Improvement Program	119,701	0	0	0	119,701
Administrative	1,014,334	372,103	245,048		1,631,485
Depreciation and Other	910,382	332,035	237,213		1,479,630
Interest on MPFA Notes *		0	14,776		14,776
Interest on 2012D Bonds		11,065	0		11,065
Bond Fees-2012D		500	500		1,000
Other - Solar	140,964				140,964
PILOT City of Grand Rapids:	871,701	0	0	0	871,701
TOTAL EXPENSES	15,463,673	1,811,885	2,039,040	3,247,444	22,562,043
NET INCOME BEFORE OTHER INC AND EXP	825,961	5,775	(250,394)	0	581,341
OTHER REVENUES:					
Interest	6,000	0	0	0	6,000
Penalties	38,220	11,760	8,820	0	58,800
Lease Revenues	22,500	3,750	3,750	0	30,000
TOTAL OTHER REVENUES	66,720	15,510	12,570	0	94,800
OTHER EXPENSES:					
Service Center Operation & Maintenance	120,460	20,077	20,077	0	160,614
Service Center Depreciation & Amort	137,700	22,950	22,950	0	183,600
Communications Operation & Maintenance	450	75	75	0	600
Communications Depreciation	4,662	777	777	0	6,216
Depreciation - AMI	13,440	2,880	2,880		19,200
Amortization - AMI Intangibles	8,400	1,800	1,800		12,000
Interest - AMI Lease	15,276	3,273	3,273		21,822
Interest Expense-Customers	3,261	1,003	752	0	5,016
TOTAL OTHER EXPENSES	303,649	52,835	52,584	0	409,068
NET INCOME (LOSS)	589,032	(31,550)	(290,408)	0	267,073
ADD:					
Depreciation and Amortization	910,382	332,035	237,213		1,479,630
Miscellaneous Depreciation and Amortization	164,202	28,407	28,407		221,016
NET OPERATING CASH FLOW	1,663,616	328,892	(24,788)	0	1,967,720

* in Wastewater Treatment

**Grand Rapids Public Utilities
2022 Budget Summary
11/30/2021**

	Electric	Water	Wastewater Collection	Wastewater Treatment	Total
NET OPERATING CASH FLOW (from p. 1)	1,663,616	328,892	(24,788)	0	1,967,720
CAPITAL EXPENDITURES FINANCED BY OPERATIONS:					
Electric, Water, Wastewater	0	0	0	(393,035)	(393,035)
Administration - General/Service Center	0	0	0	(14,520)	(14,520)
Combined	0	0	0		0
Domestic Plant			0	0	0
PUC Portion of Sec (30.0%) - deduct from replacement			(36,385)	36,385	0
City of Grand Rapids				0	0
Grant Funds				0	0
CONTRIBUTIONS LAPRAIRIE (4.52%)				1,995	1,995
CONTRIBUTIONS COHASSET (7.68%)				3,120	3,120
CONTRIBUTIONS FROM BLANDIN PAPER				366,055	366,055
TOTAL CAPITAL FINANCED BY OPERATION	0	0	0	0	(36,385)
BOND PRINCIPAL PAYMENTS:					
PFA Note 2009E (91.8 - 8.2)			(108,568)	(1,215,432)	(1,324,000)
WW Revenue Bonds 2011A - Refunding (final yr)			(76,000)	(304,000)	(380,000)
WW Revenue Bonds 2011A - Landfill (final yr)				(110,000)	(110,000)
Utility Revenue Bonds 2012D		(60,000)	(35,000)		(95,000)
Utility Revenue Bonds 2013C				(140,000)	(140,000)
Note Payable AMI	(120,230)	(25,763)	(25,763)		(171,756)
BOND INTEREST PAYMENTS - WWTP:					
PFA Note 2009E				(424,137)	(424,137)
WW Revenue Bonds 2011A - Refunding				(30,000)	(30,000)
WW Revenue Bonds 2011A - Landfill				(2,020)	(2,020)
Utility Revenue Bonds 2013C				(63,037)	(63,037)
DEMAND PAYMENTS BLANDIN PAPER CO.				2,124,766	2,124,766
CAPITAL REPLACEMENT FUND ADDITION:	(800,000)	(309,837)	(377,858)		(1,487,695)
CHANGE IN UNRESTRICTED RESERVES					
DUE TO OPERATIONS	743,386	(66,708)	(647,977)	(163,860)	28,701

**Grand Rapids Public Utilities
2022 Budget Summary
11/30/2021**

	Electric	Water	Wastewater Collection	Wastewater Treatment	Total
RESERVE FUNDS					
UNRESTRICTED/UNDESIGNATED RESERVES					
Balance 1/01/2022					4,120,000
Net Addition (Reduction) Due to Operations					28,701
Capital from Unrestricted Reserves:					
Community Solar Project Fund					0
AMI Water Meter Project					0
Jetter Truck			0		0
Super-oxegenation of Force Main				0	0
UNRESTRICTED AND UNDESIGNATED RESERVES 12/31/2022					4,148,701
RESTRICTED/DESIGNATED RESERVES					
Capital Replacement Funds 1/01/2022 (est)	1,044,761	878,838	532,303		2,455,902
2022 Transfer from Revenues	800,000	309,837	377,858		1,487,695
2022 Capital from Infrastructure Replacement	(800,543)	(2,174,660)	(550,099)		(3,525,302)
2022 Capital from Business Replacement Fund	(285,236)	(60,719)	(47,458)		(393,413)
2022 Combined Capital Expenditures-City :	(67,155)				(67,155)
2022 City Contributions	67,155	0	0		67,155
2022 Water Infrastructure Debt		2,120,000			2,120,000
Capital Replacement Funds 12/31/2022	758,982	1,073,296	312,604		2,144,882
Miscellaneous Restricted Funds					450,000
Designated Funds					1,500,000
RESTRICTED AND DESIGNATED RESERVES 12/31/2022					4,094,882
TOTAL RESERVES 12/31/2022					8,243,583

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Electric
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
ELECTRIC DEPARTMENT					
OPERATING REVENUES					
City Residential Sales	\$3,713,421.05	\$4,035,745.59	\$3,154,086.19	\$3,869,329.39	\$3,852,055.72
City Commercial Sales	2,647,358.00	2,531,212.47	1,983,790.77	2,825,034.59	2,605,829.31
City Commercial Sales - EVC Sales		118.80	955.72		219.04
Rural Residential Sales	1,007,401.66	1,075,240.88	771,831.65	1,043,431.33	1,022,937.37
Rural Commercial Sales	338,166.36	338,026.47	292,996.98	355,407.53	342,410.66
City Demand and Energy	5,145,843.71	4,959,822.67	3,933,175.14	5,542,536.04	5,124,360.11
Rural Demand and Energy	230,675.67	210,819.50	174,450.05	234,965.60	235,058.52
City Industrial Sales	1,298,590.77	1,296,016.81	1,110,339.48	1,347,260.00	1,323,044.93
City Load Management Sales	205,900.87	194,592.27	122,191.64	217,460.01	200,600.95
Rural Load Management Sales	133,399.36	121,627.52	78,530.62	142,939.72	129,307.01
TOTAL RETAIL SALES	14,720,757.45	14,763,222.98	11,622,348.24	15,578,364.21	14,835,823.62
ADD: Purchased Power Adjustment Passthru	436,845.76	400,952.76	1,460,393.62	621,226.87	1,285,323.00
TOTAL ELECTRIC SALES	15,157,603.21	15,164,175.74	13,082,741.86	16,199,591.08	16,121,146.62
OTHER SERVICES					
Windsense Program Sales					
City Security Lighting	31,145.91	34,835.41	26,109.59	33,213.79	32,183.83
Rural Security Lighting	25,266.03	25,239.87	17,699.09	27,164.27	24,964.54
Public Street and Highway Lighting					
TOTAL OTHER SERVICES	56,411.94	60,075.28	43,808.68	60,378.06	57,148.37
OTHER REVENUES					
Connection Fees	19,797.09	25,285.20	58,764.90	25,000.00	19,800.00
Reconnection Fees	11,110.00	360.00	4,980.00	7,500.00	5,000.00
Pole Rentals	38,624.30	21,415.79		21,430.00	21,000.00
23 kV Capacity Lease	35,868.00	35,868.00	35,868.00	35,868.00	35,868.00
Merchandising and Jobbing (Net)	4,181.64	1,883.66	(237.85)	1,599.96	1,000.00
City of Grand Rapids Merch / Jobbing (Net)	1,716.98	1,329.44	(363.08)	480.00	670.92
Street Light Revenues (Net)	12,046.28	7,415.98	3,165.39	9,200.00	8,000.00
Equipment Rental Revenue					
Allowance for Funds Used During Construction					
Miscellaneous Income	30,049.49	26,830.05	202,030.95	24,999.96	20,000.00
TOTAL OTHER REVENUES	153,393.78	120,388.12	304,208.31	126,077.92	111,338.92
TOTAL ELECTRIC REVENUES	15,367,408.93	15,344,639.14	13,430,758.85	16,386,047.06	16,289,633.91
ELECTRIC DEPARTMENT					
EXPENSES					
Purchased Power	11,336,920.53	11,069,792.18	9,979,654.44	11,724,362.60	11,124,721.00
OPERATING EXPENSES					
Supervision and Engineering	88,121.52	89,308.13	65,426.11	91,476.96	90,495.12
Crew Personnel					230,682.72
Customer Service Engineer					
Substations	6,373.33	5,579.90	4,498.15	9,520.08	6,613.61
Overhead Lines	52,835.51	36,004.09	37,477.59	45,600.00	3,000.00
Underground Lines	96,141.07	55,104.11	8,464.53	50,000.04	6,000.00
Locating Expense	11,870.09	15,769.14	28,789.14	29,803.08	48,000.00
Street Lighting					
Security Lighting	(1,487.09)		52.87		
Meters	74,041.39	79,910.32	30,089.64	41,450.04	
Customer Installations	14,713.85	13,129.34	11,661.35	24,999.96	
Mapping Expense	57,115.39	34,139.32	42,571.78	92,443.56	
Small Tools Expense	15,026.70	17,832.55	21,792.81	27,999.96	27,999.96
Safety Expense	12,097.80	29,395.61	28,212.76	21,080.04	17,000.00
Seminar/Training Expense	12,617.12	11,590.32	4,676.71	24,999.96	12,000.00
Uniforms Expense	7,766.17	7,124.31	6,494.18	8,000.00	11,000.04
Miscellaneous Meetings	49,862.41	29,531.50	30,504.93	28,700.04	
Rentals	3,023.91	3,026.70	2,590.32	3,255.96	3,164.04
Stores Expense (Labor)	65,442.24	55,826.21	82,742.53	53,377.80	55,848.96

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Electric
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
TOTAL OPERATING EXPENSES	565,561.41	483,271.55	406,045.40	552,707.48	511,804.45
MAINTENANCE EXPENSES					
Supervision and Engineering	88,120.86	89,127.73	65,385.77	91,476.96	90,308.76
Crew Personnel					158,000.00
Substation Structures		310.88			
Substations	73,802.85	55,007.89	42,802.28	83,181.96	60,335.04
Overhead Lines	87,874.31	115,832.74	38,427.40	114,680.04	21,999.96
Overhead Lines-Tree Trimming	90,025.80	58,944.17	43,268.76	100,000.00	80,000.00
Underground Lines	43,292.11	97,135.22	14,698.04	72,000.00	15,999.96
Underground Locates		1,053.36	117.92		
Line Transformers	6,914.00	777.64		6,000.00	2,500.08
Street Lighting		2,157.74			
Security Lighting		1,172.76	835.21		
Meters	2,315.60	4,167.61	30,918.95	45,450.00	500.04
Miscellaneous Plant					
TOTAL MAINTENANCE EXPENSES	392,345.53	425,687.74	236,454.33	512,788.96	429,643.84
OTHER EXPENSES					
Truck Expense - Operation			(7,917.40)		
Truck Expense - Maintenance					
Operation & Maintenance - Misc Equip					
TOTAL OTHER EXPENSES			(7,917.40)		
ELECTRIC DEPARTMENT					
CUSTOMER ACCOUNTING EXPENSES					
Supervision	22,850.38	(13,007.83)	77,776.94	72,680.64	29,161.80
Meter Reading	29,694.43	4,034.67	7,681.44		5,400.00
Customer Billing and Accounting	268,701.73	292,131.23	234,357.86	295,836.00	269,708.28
Collecting Expense	6,899.52	2,524.65	50.39	7,020.00	2,600.04
Uncollectible Accounts	12,405.81	12,273.82	11,999.12	51,600.00	17,652.00
Miscellaneous Expense				1,200.00	200.04
Customer Service & Information Expense	6,922.52			6,900.00	2,500.00
Miscellaneous Customer Information				504.00	13,200.00
TOTAL CUSTOMER ACCOUNTING EXPENSES	347,474.39	297,956.54	331,865.75	435,740.64	340,422.16
CONSERVATION IMPROVEMENT PROGRAMS					
Planning & Evaluation	14,991.64	28,101.84	11,435.59	12,000.00	18,136.56
Energy Star Appliance	4,895.76	4,027.40	12,230.40	2,199.96	18,136.56
Fluorescent LT Recycling		93.00		200.04	
Resident/Low Income Conservation	(2,000.00)		1,495.77	5,000.04	2,418.20
Commerical Energy Audits	35,005.91	36,847.03	21,332.30	32,000.04	30,227.56
Commerical Industrial Power Grade	55,392.05	69,535.52	25,510.27	51,999.96	36,273.07
Load Mgmt Efficiency					
Windsense - Admin Exp					
Education	12,243.50	12,356.00	10,019.50	10,800.00	14,509.23
TOTAL CONSERVATION IMPROVEMENT PROGRAMS	120,528.86	150,960.79	82,023.83	114,200.04	119,701.18
ADMINISTRATIVE AND GENERAL EXPENSES					
Administrative & General Salaries	139,208.76	144,137.07	127,881.89	184,648.80	163,743.36
Commissioner Salaries	8,859.58	8,402.52	6,533.63	7,899.12	8,711.64
City Treasurer Salary	462.00	462.00		462.00	462.00
General Office Supplies and Phone	3,669.99	3,563.74	9,368.75	4,500.00	6,500.04
Telephone Expense	14,109.14	13,293.47	11,119.82	13,051.72	15,639.84
Accounting Outside Service	17,392.20	17,808.00	18,463.20	18,000.00	18,500.00
Data Processing Outside Service	53,468.58	55,390.69	50,474.00	55,860.00	58,500.00
Legal Outside Services	9,458.34	9,442.79	6,096.82	8,544.80	30,000.00
Engineering Outside Service		38,875.00		18,000.00	5,000.04
Other - Outside Service	27,962.44	5,642.92	3,076.03	5,000.00	5,000.04
Fiber Optic Outside Service					
Insurance - Fire	2,067.30	2,292.06	1,805.04	2,391.00	2,523.36
Insurance - Liability	29,083.12	26,951.61	20,013.39	26,084.60	28,860.24
Insurance - Worker's Compensation	30,707.00	25,343.00	19,249.24	28,747.00	29,169.96
Insurance - Worker's Comp Deductible					
Insurance - Auto	3,142.25	2,964.82	2,367.75	2,983.42	3,626.76

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Electric
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Insurance - Miscellaneous	1,000.74	1,104.67	978.15	1,272.19	1,416.00
Insurance Claims- Injuries & Damages	1,170.81			500.00	
Insurance - Group Health	317,414.57	321,475.80	185,743.82	300,666.12	231,878.64
Insurance - Group Health Co-insurance	314.96				
Insurance - Group Health HSA funding	33,313.73	38,691.00	48,904.94	77,757.36	60,032.04
Insurance - Group Life	2,609.19	2,396.91	1,774.88	2,922.72	2,731.68
Employee Assistance Programs					
Insurance - Group Dental	10,161.45	10,114.38	10,045.93	14,668.44	12,692.52
Third Party Administrative Cost	953.27	986.42	707.83	972.24	654.24
FICA					
PERA	(4,078.62)	(45,111.00)			
Deferred Compensation					
Paid Time Off	202,885.35	192,499.38	141,769.61	208,860.96	198,563.64
Extended Illness Benefit	8,099.71	9,630.76	760.21	10,712.45	
Short-Term Disability Payments					
Disability Insurance	6,770.86	9,555.40	7,780.71	10,606.32	10,175.04
Unemployment Compensation		6,660.00		3,250.04	
Membership - APPA	9,265.25	9,419.47		11,118.30	9,605.76
Membership - NEMPA	2,000.00	2,000.00	2,000.00	2,000.00	2,000.04
Membership - MMUA	29,227.00	30,426.00	30,426.00	30,426.00	30,426.00
Membership - NMMEA					
Membership - Other	1,853.05	1,883.89			1,921.20
Amortize Service Territory Costs	34,337.49	34,337.49		20,642.00	34,500.00
Miscellaneous General Expense	(27,923.92)	36,514.42	17,126.17	21,600.00	30,000.00
Office Equip Rental & Maintenance	11,596.53	11,430.80	7,899.69	9,924.00	11,499.96
Maintenance of General Plant					
TOTAL ADMINISTRATIVE AND GENERAL EXP	980,562.12	1,028,585.48	732,367.50	1,104,071.60	1,014,334.04
OPERATING INCOME BEFORE DEPRECIATIO	1,624,016.09	1,888,384.86	1,670,265.00	1,942,175.74	2,749,007.24
LESS:					
Depreciation	853,086.68	1,104,806.65	680,470.59	1,055,004.00	908,136.84
Amortization Computer Intangibles	3,085.00	3,085.00	1,683.90	3,084.00	2,245.20
TOTAL OPERATING EXPENSES	14,599,564.52	14,564,145.93	12,442,648.34	15,501,959.32	14,451,008.71
NET OPERATING INCOME	767,844.41	780,493.21	988,110.51	884,087.74	1,838,625.20
OTHER INCOME					
Extraordinary Income (Loss)					
Property Disposition Gain (Loss)	11,650.00				
Contributions - (Capital)	1,364,096.01				
Grant Revenues		10,065.28			
TOTAL OTHER INCOME	1,375,746.01	10,065.28			
OTHER EXPENSES					
Payment in Lieu of Tax to City - cash	868,000.00	868,000.00	651,000.01	868,000.00	868,000.00
Payment in Lieu of Tax to City - Composte Pile	3,915.89	3,855.67	3,404.01	4,200.00	3,700.52
Payment in Lieu of Tax to City - Electric Dept		1,681.10	6,028.68		
Payment in Lieu of Tax to City - W/S Dept					
Payment in Lieu of Tax - Other					
Solar Garden Payment					140,964.00
TOTAL OTHER EXPENSES	871,915.89	873,536.77	660,432.70	872,200.00	1,012,664.52
ELECTRIC DEPARTMENT NET INCOME	1,271,674.53	(82,978.28)	327,677.81	11,887.74	825,960.68

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Water
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
WATER DEPARTMENT					
OPERATING REVENUES					
City Water Residential Sales	\$596,140.69	\$619,545.14	\$503,643.31	\$622,372.50	\$607,659.62
City Water Commercial Sales	571,391.51	524,541.82	477,767.86	548,700.00	550,596.37
City Multi-Family Sales	241,492.48	247,837.05	186,826.86	238,032.00	235,600.89
City Industrial Sales	97,313.25	98,082.08	77,714.46	87,514.00	92,153.51
City Industrial Sales - Internal	37,166.77	41,856.86	54,328.94	32,334.92	44,381.35
Rural Water Sales					
Public Authorities Water Sales	34,759.52	35,253.12	29,329.26	31,950.00	34,751.18
TOTAL OPERATING REVENUES	1,578,264.22	1,567,116.07	1,329,610.69	1,560,903.42	1,565,142.92
OTHER REVENUES					
Service Connections	11,549.00	10,098.00	20,566.00	10,000.00	12,830.12
Permit Fees	1,235.00	1,000.00	1,595.00	935.00	1,277.00
Thawing Service	920.00	330.00	960.00	910.00	580.00
Water Shutoff Fees					
Merchandising and Jobbing (Net)	3,539.60	1,072.21	548.88	3,500.00	3,500.00
City of Grand Rapids Jobbing (Net)	(1.66)		(117.47)	3,600.00	3,600.00
City of LaPrairie Jobbing (Net)	16,399.64	3,212.20	694.75	18,400.00	21,200.00
Equipment Rental Revenue					
Antenna Rental Revenue	185,512.07	190,903.66	145,450.99	196,349.04	196,349.04
Miscellaneous Income	10,712.27	10,744.03	8,527.72	9,050.00	13,181.25
TOTAL OTHER REVENUES	229,865.92	217,360.10	178,225.87	242,744.04	252,517.41
TOTAL WATER REVENUES	1,808,130.14	1,784,476.17	1,507,836.56	1,803,647.46	1,817,660.33
EXPENSES					
PRODUCTION OPERATION EXPENSE					
Supervision and Engineering				4,137.96	
WTP Operators Wages	122,809.82	127,170.16	93,700.42	136,080.00	131,237.28
WTP Operators Wages - OT	29,866.19	31,466.14	25,362.66	18,000.00	35,274.72
Other Operating Wages					48,000.00
Water Treatment Expense	89,041.60	111,014.18	91,288.25	96,156.00	101,460.00
Heating Fuel					
Station Supplies and Expenses	2,736.90	2,469.16	2,260.25	2,500.00	2,325.00
Permits and Fees	3,610.31	3,654.44	3,893.37	3,600.00	3,900.00
Miscellaneous Production Expense	16,470.70	12,450.36	13,457.86	13,500.00	15,000.00
Power Purchased	169,963.79	168,760.15	143,277.92	167,836.00	166,570.00
TOTAL PRODUCTION OPERATION EXP	434,499.31	456,984.59	373,240.73	441,809.96	503,767.00
PRODUCTION MAINTENANCE EXPENSE					
Supervision	209.02			4,080.00	
WTP Buildings and Grounds	9,930.41	6,761.18	15,357.90	8,960.00	18,600.00
WTP HVAC System	633.65		53.68	800.00	1,000.00
Wellhouses	2,877.84	1,828.16	5,708.06	4,500.00	4,500.00
Wellhead Protection				1,000.00	1,000.00
Wells, Pumps and Mains	1,699.33	4,181.30	3,734.71	2,400.00	2,400.00
Maintenance of WTP Equipment	40,548.97	62,364.13	35,696.00	53,600.00	60,490.00
Maintenance of SCADA System - WTP	7,921.56	6,954.36	7,468.26	8,490.00	8,040.00
Underground Clearwell				4,000.00	5,500.00
Maintenance Inspections - WTP	10,593.82	4,629.79	2,093.07	8,400.00	3,504.00
TOTAL PRODUCTION MAINTENANCE EXP	74,414.60	86,718.92	70,111.68	96,230.00	105,034.00
DISTRIBUTION OPERATION EXPENSE					
Supervision and Engineering	27,437.05	29,361.26	29,906.76	24,096.84	38,592.96
Records (Mapping-Meters-Valves)	4,714.43	10,527.28	1,096.61	10,080.00	4,800.00
Maintenance Inspections	619.08	6,325.36	8,611.17	4,080.00	9,000.00
Thaw/Flush Hydrants, Mains, Services	18,498.45	4,931.67	2,337.28	9,700.00	11,700.00
Locating Expense	15,685.53	21,104.64	11,151.72	10,518.72	21,000.00
Service on Customer Premises	21,008.19	7,371.79	19,931.92	6,960.00	21,996.00
Mapping Expense	28,553.29	30,799.16	25,208.55	15,407.28	34,272.00
Small Tools Expense	1,665.17	3,412.39	2,191.29	2,400.00	2,400.00
Safety Expense	5,683.21	9,000.30	13,658.32	6,015.48	16,500.00

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Water
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Seminar/Training Expense	19,286.72	14,211.13	15,160.22	19,200.00	19,200.00
Uniforms Expense	78.94	56.91	209.72	300.00	300.00
Miscellaneous Meetings					
Rentals			2.49		
Stores Expense (Labor)	836.58	15,074.25	20,729.09	13,604.64	14,255.04
TOTAL DISTRIBUTION OPERATION EXP	144,066.64	152,176.14	150,195.14	122,362.96	194,016.00
WATER DEPARTMENT					
DISTRIBUTION MAINTENANCE EXPENSE					
Supervision					
Towers and Tanks	2,235.43	6,484.15	12,872.67	5,000.00	5,000.00
Elevated Tank Control System	840.81	2,089.14	370.63	2,400.00	2,400.00
Booster Pump (21st St SW)	320.22	303.00	2,538.31	1,200.00	2,130.00
Booster Station	385.41		24.99	500.00	500.00
Mains and Hydrants	108,480.20	138,680.98	67,286.46	188,720.00	160,500.00
Services	18,326.14	9,018.65	27,563.29	24,740.00	28,500.00
Meters and Meter Installations	(366.58)	(2,552.98)	3,941.34	2,000.00	2,400.00
Miscellaneous Distribution Expense	472.37	147.38	3,829.96	2,000.00	
TOTAL DISTRIBUTION MAINTENANCE E	130,694.00	154,170.32	118,427.65	226,560.00	201,430.00
OTHER EXPENSES					
Truck Expense - Operation			(1,142.84)		
Truck Expense - Maintenance					
Operation & Maintenance - Misc Equip					
TOTAL OTHER EXPENSES			(1,142.84)		
CUSTOMER ACCOUNTING EXPENSES					
Supervision	7,030.92	(4,002.37)	23,931.34	22,363.20	8,225.14
Meter Reading	8,948.43	1,617.90	1,564.50		
Customer Billing and Accounting	82,538.24	89,886.58	72,109.67	94,548.36	82,910.28
Collecting Expense	2,224.65	700.38		2,220.00	800.04
Miscellaneous Expense	275.00	214.99	189.99	300.00	
Miscellaneous Customer Information				600.00	
TOTAL CUSTOMER ACCOUNTING EXPE	101,017.24	88,417.48	97,795.50	120,031.56	91,935.46
ADMINISTRATIVE AND GENERAL EXPENSES					
Administrative & General Salaries	42,833.24	44,349.48	39,348.30	56,815.08	50,382.60
Commissioner Salaries	2,726.08	2,585.46	2,010.35	2,430.48	2,680.44
City Treasurer Salary	165.00	165.00		165.00	165.00
General Office Supplies and Phone	4,553.64	4,619.83	6,066.72	4,179.60	5,716.44
Accounting Outside Service	6,211.50	6,360.00	6,594.00	6,552.00	6,413.00
Data Processing Outside Service	20,259.31	21,431.91	19,633.43	20,760.00	16,500.00
Legal Outside Services	6,234.93	5,159.95	3,633.04	4,731.72	10,471.80
Engineering Outside Service	22,412.50	6,800.00	3,400.00	15,000.00	45,000.00
Other- Outside Services	251.72	579.74	228.54	500.00	500.00
Fiber Optic Outside Service					
Insurance - Fire	5,497.92	5,869.00	4,614.60	6,127.00	6,421.68
Insurance - Liability	8,487.23	5,621.15	2,948.31	3,600.41	4,752.96
Insurance - Worker's Compensation	7,624.00	5,702.00	9,264.78	8,299.00	8,778.00
Insurance - Worker's Comp Deductible					
Insurance - Auto	571.20	614.94	455.64	677.94	482.88
Insurance - Miscellaneous	613.86	630.74	399.54	520.52	576.72
Insurance Claims - Injuries & Damages			9,979.69	500.00	
Insurance - Group Health	122,054.09	126,465.59	87,091.98	125,533.20	110,677.56
Insurance - Group Health Co-insurance	96.92				
Insurance - Group Health HSA funding	12,279.95	14,760.04	20,784.97	32,510.04	29,720.04
Insurance - Group Life	1,098.67	1,009.26	747.37	1,247.40	1,188.60
Employee Assistance Programs					
Insurance - Group Dental	3,892.00	3,976.65	4,473.60	6,187.32	5,719.20
Third Party Administrative Cost	304.26	314.82	225.91	413.52	303.48
FICA					
PERA	(1,090.36)	(19,173.00)			
Paid Time Off	64,850.43	59,180.42	53,893.91	53,161.92	61,600.80
Extended Illness Benefit	3,884.81	8,114.22	221.09	4,851.60	
Short-Term Disability Payments					
Disability Insurance	2,043.89	2,902.25	2,149.62	4,109.52	4,051.44

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Water
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Unemployment Compensation				999.96	
Lump Sum Payments					
Miscellaneous General Expense	(9,903.22)	10,350.13	5,964.19	6,000.00	
Maintenance of General Plant	2,859.94	2,344.32	2,057.85	2,280.00	
TOTAL ADMINISTRATIVE AND GENERAL	330,813.51	320,733.90	286,187.43	368,153.23	372,102.64
Depreciation	305,679.58	325,827.13	248,120.34	320,400.00	331,035.12
Amortization Bond Discount & Expense	973.56	973.56		974.00	1,000.00
Amortization Expense, Intangibles					
TOTAL OPERATING EXPENSES	1,522,158.44	1,586,002.04	1,342,935.63	1,696,521.71	1,800,320.22
NET OPERATING INCOME	285,971.70	198,474.13	164,900.93	107,125.75	17,340.11
OTHER INCOME					
Extraordinary Income (Loss)					
Property Disposition Gain (Loss)	(105,172.00)	1,125.00			
TOTAL OTHER INCOME	(105,172.00)	1,125.00			
OTHER EXPENSES					
Interest Expense - 2012D Bonds	25,830.00	24,630.00	13,580.71	23,430.00	11,065.00
Interest Expense - 1999 Water Revenue	1,294.65				
Bond Fees - 2012D	532.72	1,131.58	492.20	552.00	500.00
TOTAL OTHER EXPENSES	27,657.37	25,761.58	14,072.91	23,982.00	11,565.00
WATER DEPARTMENT NET INCOME	153,142.33	173,837.55	150,828.02	83,143.75	5,775.11

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Collection
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
WASTEWATER COLLECTION DEPARTMENT					
OPERATING REVENUES					
Collections - City Residential	\$727,197.01	\$733,023.05	\$580,694.58	\$735,000.00	\$731,431.73
Collections- City Commercial	799,491.14	737,707.56	590,941.32	780,642.50	774,854.24
Collections- City Multi-Family					
Collections- Rural Residential	799.95	811.20	512.00	840.00	768.77
Collections - Rural Commercial	3,741.90	3,978.15	2,752.08	3,840.00	3,709.84
Collections - Public Authority	144,393.70	140,931.40	91,081.10	134,300.00	141,656.54
Septage Hauler - Regular Fees	90,898.50	129,671.86	86,721.40	93,800.00	102,983.04
Septage Hauler - Holding Tank Fee	20,172.25	24,858.95	33,087.74	15,310.00	21,351.50
Septage Hauler - Biosolids Disposal					
TOTAL OPERATING REVENUES	1,786,694.45	1,770,982.17	1,385,790.22	1,763,732.50	1,776,755.66
OTHER REVENUES					
Service Connections	900.00	1,000.00	1,300.00	800.00	800.00
Permit Fees	1,085.00	935.00	1,530.00	680.00	680.00
Septage Hauler - Permit Fees	100.00	175.00	200.00	125.00	155.00
Thawing Service					
Septic Tank Disposal					
Merchandising & Jobbing (Net)	907.79	4,442.88	2,755.55	820.00	1,820.00
City of Grand Rapids Merch & Jobbing (Net)	91.49			800.00	1,300.00
City of LaPrairie Merch/ Jobbing (Net)	2,057.14	7,682.09	1,791.68	400.00	1,200.00
Jetting Service	891.71	2,169.02	242.88	750.00	700.00
Equipment Rental Revenue					
Miscellaneous Income	6,828.86	6,372.51	4,446.73	5,235.00	5,235.00
TOTAL OTHER SERVICES	12,861.99	22,776.50	12,266.84	9,610.00	11,890.00
TOTAL WASTEWATER COLLECTION REVENU	1,799,556.44	1,793,758.67	1,398,057.06	1,773,342.50	1,788,645.66
WASTEWATER COLLECTION DEPARTMENT					
EXPENSES					
OPERATING EXPENSES					
Supervision and Engineering	26,323.16	26,142.84	18,922.67	24,096.84	25,901.52
Crew Personnel					116,695.92
Records	469.49	329.67	281.48	3,000.00	2,700.00
Maintenance Inspections	99.00		521.41	300.00	1,000.00
Thawing Mains & Services	72.26			500.00	500.00
Locating Expense	9,136.91	9,876.72	8,263.71	6,428.16	14,000.00
Services on Customer Premises	359.15	424.02	556.47	580.00	700.00
Mapping Expense	28,553.18	30,778.77	25,208.55	15,407.28	28,680.00
Small Tools Expense	487.98	919.46	553.77	1,170.00	1,200.00
Safety Expense	2,042.11	3,467.17	3,967.86	3,008.88	6,000.00
Seminar/Training Expense	7,599.86	1,262.49	5,495.48	5,400.00	6,300.00
Uniforms Expense	69.35	56.91	95.08	200.00	200.04
Miscellaneous Meetings				150.00	150.00
Rentals					
Stores Expense (Labor)	84.82	3,056.02	4,566.41	2,630.88	2,760.96
Power Purchased	14,396.93	14,327.33	11,512.40	14,405.00	14,465.00
TOTAL OPERATING EXPENSES	89,694.20	90,641.40	79,945.29	77,277.04	221,253.44
MAINTENANCE EXPENSES					
Supervision and Engineering					
Lift Station Buildings		30.00			
Lift Station Pumps	40,004.67	38,226.54	75,807.90	46,760.00	33,000.00
Mains	34,382.15	81,456.05	54,305.86	87,219.76	584,968.00
Services	5,685.20	7,323.44	3,517.36	10,200.00	8,400.00
Miscellaneous Expenses	194.08	330.18	6,310.97	600.00	
TOTAL MAINTENANCE EXPENSES	80,266.10	127,366.21	139,942.09	144,779.76	626,368.00
OTHER EXPENSES					
Truck Expense - Operation			3,596.75		3,600.00
Truck Expense - Maintenance					
Operation & Maintenance - Misc Equip					

GRAND RAPIDS PUBLIC UTILITIES
Operating Budget - Wastewater Collection
For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
TOTAL OTHER EXPENSES			3,596.75		3,600.00
WASTEWATER DEPARTMENT					
CUSTOMER ACCOUNTING EXPENSES					
Supervision	5,273.21	(3,001.81)	17,948.52	16,772.40	6,729.60
Meter Reading	6,511.98				
Customer Billing and Accounting	61,906.46	67,415.24	54,082.69	70,786.20	62,132.64
Collecting Expense	1,832.29	525.35		1,800.00	600.00
Miscellaneous Expense	40.00	215.00	2,454.00	240.00	180.00
Miscellaneous Customer Information			1,166.00	120.00	120.00
TOTAL CUSTOMER ACCOUNTING EXPENSES	75,563.94	65,153.78	75,651.21	89,718.60	69,762.24
ADMINISTRATIVE AND GENERAL EXPENSES					
Supervision	32,125.12	33,262.61	29,511.16	42,611.28	37,786.92
Commissioner Salaries	2,044.50	1,939.12	1,507.85	1,822.80	2,010.36
City Treasurer Salary	110.00	110.00		110.00	110.04
General Office Supplies and Phone	3,067.61	3,217.59	4,013.93	2,879.52	4,417.68
Accounting Outside Service	4,141.00	4,240.00	4,396.00	4,305.00	4,392.00
Data Processing Outside Service	10,999.00	11,457.56	10,443.05	12,000.00	8,940.00
Legal Outside Services	4,478.13	3,048.44	47,324.82	3,014.28	14,512.20
Engineering Outside Service	35,812.50	1,900.00	1,900.00	35,000.00	20,000.00
Other - Outside Services	147.85	331.06	130.51	500.00	500.00
Fiber Optic Outside Service					
Insurance - Fire	653.40	550.50	431.85	573.00	601.68
Insurance - Liability	7,356.90	8,250.86	8,665.38	9,916.70	15,347.16
Insurance - Worker's Compensation	22,393.00	19,093.00	5,412.22	14,097.00	13,350.00
Insurance - Worker's Comp Deductible					
Insurance - Auto	571.20	935.71	935.31	1,319.47	1,140.84
Insurance - Miscellaneous	537.10	553.19	351.87	441.29	543.36
Insurance Claims - Injuries & Damages	500.00			500.00	10,000.00
Insurance - Group Health	69,943.01	71,727.28	42,978.54	64,363.56	53,892.00
Insurance - Group Health Co-insurance	72.68				
Insurance - Group Health HSA funding	7,042.99	8,508.96	14,212.47	16,632.48	14,468.04
Insurance - Group Life	557.81	512.44	379.45	617.88	573.72
Employee Assistance Programs					
Insurance - Group Dental	2,249.55	2,289.78	2,221.63	3,129.00	2,809.44
Third Party Administrative Cost	162.24	167.90	120.48	205.08	146.16
FICA					
PERA	(738.52)	(10,150.00)			
Paid Time Off	38,614.65	35,896.47	29,452.09	36,757.80	30,518.88
Extended Illness Benefit	2,202.97	2,816.63	188.25	3,026.52	
Short-Term Disability Payments					
Disability Insurance	1,173.24	1,608.24	1,139.54	2,110.08	2,027.88
Unemployment Compensation				750.00	
Lump Sum Payments					
Miscellaneous General Expense	(5,439.43)	5,574.34	3,722.35	4,200.00	4,800.00
Maintenance of General Plant	2,027.47	1,499.63	1,385.21	2,160.00	2,160.00
Environmental Programs					
TOTAL ADMINISTRATIVE AND GENERAL EXP	242,805.97	209,341.31	210,823.96	263,042.74	245,048.36
DOMESTIC PLANT EXPENSES					
Power Purchased	46,019.90	44,734.86	37,005.33	45,000.00	45,000.00
Water Purchased	4,689.42	4,818.38	3,829.39	4,300.00	4,300.00
Wastewater Collection Services Purchased	5,803.20	5,956.80	4,724.40	4,999.99	4,999.99
Supervision and Engineering				500.00	
Labor					
Chemicals					
Heating Fuel					
Miscellaneous Supplies and Expense					
Maintenance - Building and Fixtures	1,388.79	1,546.18	1,611.76	3,500.00	3,500.00
Maintenance - Treatment Facilities and Equip	29,950.48	22,867.18	13,796.58	20,000.00	19,020.00
Maintenance - Tools and Equipment					
Miscellaneous Maintenance Expense			836.40		2,200.00
Maintenance Inspections					

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Collection
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Insurance - All, Expired	771.72	686.50	538.38	718.00	742.68
Miscellaneous General and Admin Expense					
TOTAL DOMESTIC EXPENSE	88,623.51	80,609.90	62,342.24	79,017.99	79,762.67
DOMESTIC PORTION SECONDARY PLANT	422,020.07	423,425.33	317,250.33	418,868.22	477,636.91
DOMESTIC PORTION OF SERVICE CTR	9,716.00	9,992.07	10,718.01	10,073.48	19,119.49
DOMESTIC PORTION OF SLUDGE DISPOSAL	140,403.94	50,293.08	36,957.86		44,000.00
OPERATING INCOME BEFORE DEPRECIATION	650,462.71	736,935.59	460,829.32	690,564.67	2,094.55
LESS:					
Depreciation	142,340.18	190,015.22	177,534.99	181,704.00	236,713.32
Amortization - Debt Discount and Expense	519.96	519.96		520.00	500.00
Amortization Computer Intangibles					
TOTAL OPERATING EXPENSES	1,291,953.87	1,247,358.26	1,114,762.73	1,265,001.83	2,023,764.43
NET OPERATING INCOME	507,602.57	546,400.41	283,294.33	508,340.67	(235,118.77)
ADD:					
Extra Ordinary Income (Loss)					
Gain (Loss) on Property Disposition	5,000.00		27,500.00		
Grant Revenues					
LESS:					
Interest Expense, 2012D Bonds	12,665.80	11,965.85	6,674.49	11,172.00	14,776.00
Bond Fees - 2012D	284.59	604.53	232.80	285.00	500.00
Operating Transfers to City					
WASTEWATER COLLECTION DEPT NET INCOME	499,652.18	533,830.03	303,887.04	496,883.67	(250,394.77)

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Treatment
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
WASTEWATER TREATMENT PLANT					
OPERATING REVENUES					
Screen House	\$258,620.05	\$266,991.11	\$372,067.50	\$254,114.46	\$245,183.32
Industrial Waste Treatment					
Primary Plant II Waste Treatment	1,705,172.26	1,778,803.18	886,223.09	1,331,567.42	1,358,428.44
Sludge Disposal	407,837.03	378,955.36	318,081.73	502,695.47	466,736.28
WWTP Service Center Building	129,083.44	132,751.94	77,323.56	133,832.74	125,095.39
Secondary Waste Treatment	985,185.71	1,034,087.36	991,891.30	997,709.24	1,052,000.69
WWTP Revenue (Exp) Suspense					
Total WasteTreatment Revenue	3,485,898.49	3,591,588.95	2,645,587.18	3,219,919.33	3,247,444.12
Screen House Expenses					
Supervision	6,857.89	7,104.84	4,594.65	4,819.32	6,510.12
Opreating Labor	21,389.06	21,215.71	15,505.32	19,656.00	21,550.20
Overtime - Operator Labor	3,879.06	4,199.61	3,349.83	1,812.00	5,126.52
Pera (Public Employee Retirement)	(236.78)				
Group Insurance	15,291.91	17,058.36	8,360.21	12,168.72	10,824.48
Co-Insurance Payments	52.85				
HSA Funding	1,611.00	2,028.00	2,062.44	3,125.04	2,775.96
Life Insurance	168.11	154.41	114.36	105.00	100.80
Employee Assistance Programs					
Dental Insurance	479.18	532.17	433.35	607.56	568.32
Third Party Administrative Cost	60.89	62.96	45.19	35.40	23.88
Other Fringe Costs (PTO & EIB)	9,123.37	9,062.02	4,479.22	7,200.00	8,450.40
Short-Term Disability Payments					
Disability Insurance	592.36	866.25	634.96	357.48	352.32
Supplies and Sundries	241.91	214.58	545.21	800.00	800.00
Uniforms Expense	20.30	62.59	7.05	80.00	99.96
Fuel - Heating	3,212.33	3,039.12	2,677.69	4,150.00	4,350.00
Fuel - Trucks					
Engineering Expense					
Administrative Expense	17,796.75	24,463.89	14,640.27	21,120.00	12,103.44
Safety Expense	1,195.95	1,796.49	1,425.34	1,880.28	1,800.00
Seminars	423.52	484.61	441.63	1,000.00	1,000.00
Miscellaneous Meetings					
Insurance	6,711.14	4,881.61	5,651.41	4,492.38	3,748.80
Worker Compensation Deductible					
Permits					
Legal	1,036.13	875.83	704.75	905.28	1,998.12
Records					
Telephone					
Misc Capital Exp Work in Prog			163,860.25		
Misc Capital Expenditures					
DCS Support Contract	2,810.35	3,523.15	1,963.38	4,500.00	3,700.00
Screens-Conveyors-Spray Water	9,367.97	12,006.60	3,015.29	12,000.00	12,000.00
Sewage Pumps	13,024.20	3,925.90	4,910.11	24,000.00	21,600.00
Bark Trucks	385.66	127.25			
Electric Motors & Controls	20,531.32	4,178.21	3,997.01	2,000.00	5,000.00
Instrumentation	3,917.33	3,011.00	771.16	3,400.00	3,400.00
Buildings and Grounds	14,719.91	32,706.95	8,800.35	15,000.00	15,000.00
Maintenance Inspection	302.85	1,170.64	347.47		
Force Mains & Manholes	529.14	3,151.78	600.00	3,000.00	3,000.00
Power Purchased	92,269.69	94,790.60	88,492.26	95,400.00	90,000.00
Utilities - Use Tax					
Water Purchased	10,854.70	8,419.48	9,157.97	10,500.00	9,300.00
Total Screen House Expense	258,620.05	265,114.61	351,588.13	254,114.46	245,183.32
Primary Plant II Waste Treatment Expense					
Supervision	24,965.06	25,893.26	16,537.12	16,867.80	23,508.60
Operating Labor	246,563.92	242,901.97	97,352.97	119,700.00	172,805.52
Overtime - Operating Labor	58,187.87	62,991.63	24,679.81	51,000.00	53,497.32
Pera (Public Employee Retirement)	(1,691.82)				
Group Insurance	118,453.72	122,285.69	41,361.58	60,843.72	53,857.68

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Treatment
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Co-Insurance Payments	211.38				
HSA Funding	11,794.00	14,352.00	10,031.22	15,624.96	13,574.04
Third Party Administrative Cost	385.25	398.80	286.11	176.16	114.48
Life Insurance	1,050.50	965.02	714.54	525.00	508.20
Employee Assistance Programs					
Dental Insurance	3,506.20	3,896.55	2,176.92	3,037.56	2,880.60
Other Fringe Costs (PTO & EIB)	63,887.89	61,139.55	22,133.44	45,600.00	51,117.96
Short-Term Disability Payments					
Disability Insurance	1,975.23	2,886.91	2,117.28	3,004.44	1,724.76
Supplies and Sundries	148.41	796.89	1,047.88	1,200.00	1,200.00
Tools	1,895.20	2,869.46	2,020.14	4,500.00	4,500.00
Electric Tools & Equipment				4,500.00	4,500.00
Uniforms Expense	151.50	361.72	23.51	440.00	399.96
Fuel - Heating					
Fuel - Trucks		15.87	9.20	480.00	
Engineering Expense				1,200.00	
Administrative Expense	112,710.83	146,898.22	108,502.81	127,200.00	108,000.00
Safety Expense	2,517.49	11,082.77	8,288.18	9,024.36	7,800.00
Seminars	2,178.00	2,503.67	2,281.75	5,000.00	5,000.00
Miscellaneous Meetings		139.72	65.95	150.00	150.00
Insurance	30,081.71	26,643.88	50,336.23	25,730.54	28,555.56
Worker Compensation Deductible					
Permits	948.92	801.71	827.75	2,500.00	2,000.00
Legal	5,118.24	4,378.35	3,440.19	4,494.48	9,822.60
Records					
Outside Testing		1,750.00	28.75	500.00	500.00
Environmental Programs					
Telephone	1,238.23	1,271.24	850.84	1,388.52	1,301.16
Misc Capital Exp Work in Prog			12,907.65		
Misc Capital Expenditures					
Chemicals	255,427.45	249,372.09	51,955.08	48,000.00	54,000.00
Nitrogen Solution	20,792.98	5,558.40		28,000.00	6,500.00
Polymer	223,299.28	229,894.55	269,412.50	226,000.00	270,000.00
Polymer - Secondary Plant					
Zinc Chloride	25,662.00	26,109.60		26,000.00	27,000.00
Sulfuric Acid					
HTH	111,390.00	153,650.00	21,150.00	36,000.00	36,000.00
C-5 Scale Inhibitor					
K-10 Dewatering Chemical					
DCS Support Contract			563.00	13,000.00	13,000.00
Primary Clarifier & AIC	22,429.02	16,435.82	5,659.76	28,000.00	28,000.00
Sludge Blend Tank	15,001.87	547.78	1,124.38	4,800.00	4,800.00
Sludge Pumps	9,953.42	5,578.68	9,624.09	22,200.00	22,200.00
Rotary Screens	16,158.75	10,115.12	5,797.21	18,000.00	18,000.00
Sludge Conveyors	7,509.70	48,363.45	8,022.53	22,000.00	22,000.00
Additive Systems	13,583.47	9,452.91	2,123.52	8,400.00	8,400.00
Electric Motors & Controls	11,236.13	8,643.31	6,736.68	12,000.00	12,000.00
Instrumentation	11,832.25	1,841.89	1,321.73	10,000.00	10,000.00
Building & Grounds	31,686.51	48,114.77	27,470.97	35,000.00	35,000.00
Snowplowing - Primary II Plant		938.79	280.90	13,200.00	7,500.00
Demo Dump					
Screw Presses	6,692.44	2,454.04	2,207.23	13,200.00	13,200.00
Maintenance Inspection	196.94	1,694.15	324.31		
Power Purchased	232,018.10	218,527.93	171,982.83	259,000.00	219,430.00
Utilities - Use Tax					
Water Purchased	4,024.22	4,285.02	2,797.30	4,080.00	4,080.00
Total Primary Plant II Waste Treatment E:	1,705,172.26	1,778,803.18	996,575.84	1,331,567.54	1,358,428.44
Sludge Disposal Waste Treatment Plant					
Supervision	9,323.49	9,629.70	11,759.81	7,229.04	13,911.84
Truck Driver Wages	119,456.83	57,763.39	97,054.21	132,139.32	90,132.96
Overtime - Truck Driver	12,787.01	12,426.71	31,038.26	18,083.52	29,412.84
Pera (Public Employee Retirement)	(628.00)				
Group Insurance	51,042.97	49,435.15	31,391.41	47,701.56	41,532.12
Co-Insurance Payments	52.85				
HSA Funding	5,038.00	5,954.04	7,218.72	12,249.96	9,926.04

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Treatment
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Life Insurance	553.87	508.85	376.78	411.60	407.40
Third Party Administrative Cost				136.56	82.92
Other Fringe Costs (PTO & EIB)	4,117.79	3,545.29	13,588.95	2,400.00	13,935.72
Short-Term Disability Payments					1,289.16
Employee Assistance Programs					
Dental Insurance	1,499.34	1,614.78	1,727.37	2,381.40	2,342.28
Uniforms Expense					
Fuel - Trucks					
Engineering Exp - Sludge Landfill	3,443.10	3,620.00	4,274.54	8,000.00	9,000.00
Administrative Expense	4,671.88	3,487.43	1,922.99	3,504.00	2,420.64
FEMA Payments					
Safety Expense		313.89		600.00	600.00
Seminars	480.00		1,698.71	1,920.00	2,400.00
Miscellaneous Meetings	50.20		38.97	75.00	75.00
Insurance	11,442.28	9,194.88	22,196.98	8,787.15	15,537.36
Worker Compensation Deductible					
Permits	400.00	400.00	400.00	1,450.00	1,450.00
Legal	1,025.00			1,056.36	
Records					
Outside Testing					
Misc Capital Exp Work in Prog					
Misc Capital Expenditures					
Sludge Placement	49,476.20	48,862.08	44,559.60	51,600.00	65,040.00
Misc Landfill Operating Expense	52,290.66	53,756.85	33,222.01	48,500.00	48,500.00
Sludge Dump Closure					
Leachate Collaection Sludge LD	21,527.82	39,945.28	6,692.11	26,000.00	33,500.00
Soild Waste ST Tax Assessment	428.90	244.80	266.40	400.00	400.00
Sludge Landfill Amortization	143,541.22	53,430.36		53,430.00	53,000.00
Landfill Monitoring					
Well Monitoring	39,293.41	53,007.26	32,096.62	42,000.00	43,200.00
Sludge Disposal Alternatives					
Sludge Land Spreading					
Sludge Hauling Trucks	14,236.59	19,711.09	11,849.95	30,000.00	30,000.00
Power Purchased	2,689.56	2,396.61	1,665.20	2,640.00	2,640.00
Water Purchased					
Total Sludge Disposal Waste Treatment F	548,240.97	429,248.44	355,039.59	502,695.47	510,736.28
Waste Treatment Service Center Building					
Supplies and Sundries	5,112.78	2,781.27	1,086.72	3,300.00	3,120.00
Tools	1,759.56	3,853.23	2,147.94	2,000.00	3,800.00
Fuel - Heating SCB					
Administrative Expense	28,342.49	32,300.81	11,483.33	25,644.00	22,996.56
Insurance	1,687.70	1,945.85	5,119.99	2,025.26	2,125.56
Safety Expense	634.39	3,032.04			3,000.00
Telephone	3,324.65	3,910.75	3,167.84	2,501.64	4,474.44
Misc Capital Exp Work in Prog					
Misc Capital Expenditures			2,789.82		
SCADA Maint - SCB Primary Plant	3,148.12	155.38	2,281.46	9,600.00	10,100.00
Plant Vehicles	15,612.02	13,339.98	8,756.48	14,400.00	14,400.00
Building & Grounds - SCB	30,232.08	35,209.76	17,034.04	33,600.00	28,800.00
Snowplowing - SCB				2,500.00	2,500.00
Power Purchased	44,846.70	42,307.14	31,320.31	44,300.00	44,300.00
Utilities - Use Tax					
Water Purchased	387.03	387.03	272.85	384.00	384.00
Wastewater Collection Service	285.73	285.73	188.60	281.28	281.28
Power Purchased (PUC Portion)	3,375.57	3,184.42	2,357.45	3,320.00	3,883.00
Utilities - Use Tax - PUC Portion					
Water Purchased - PUC Portion	29.15	29.15	20.54	28.92	28.92
WW Collection Services - PUC Portion	21.47	21.47	14.20	21.12	21.12
Total Waste Treatment Service Center E	138,799.44	142,744.01	88,041.57	143,906.22	144,214.88
Secondary Waste Treatment Plant					
Supervision	27,431.01	28,418.63	18,378.58	19,277.40	26,040.00
Operating Labor	85,554.09	84,862.16	39,948.17	50,053.80	65,821.44
Overtime - Operating Labor	15,516.78	16,797.85	7,168.44	3,616.68	14,822.40
Truck Driver Wages					

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Treatment
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Truck Driver Wages - Overtime					
Truck Driver Wages - Test Burn					
Pera (Public Employee Retirement)	(825.90)				
Group Insurance	56,579.68	60,778.52	27,672.70	39,913.56	35,607.72
Co-Insurance Payments	211.37				
HSA Funding	5,937.00	7,305.96	6,937.47	10,250.04	9,284.04
Life Insurance	478.34	439.37	325.37	344.40	327.60
Employee Assistance Programs					
Third Party Administrative Cost	162.24	167.90	120.48	116.28	79.44
Dental Insurance	1,761.28	1,902.69	1,413.45	1,992.60	1,835.64
Other Fringe Costs (PTO & EIB)	32,245.29	32,255.55	15,403.95	24,800.00	29,694.84
Short-Term Disability Payments					
Disability Insurance	1,381.80	2,020.27	1,482.03	1,202.04	1,174.56
Supplies and Sundries	488.67	439.66	1,131.18	1,500.00	1,500.00
Uniforms Expense	59.34	167.92	16.46	280.00	200.04
Fuel - Heating					
Fuel - Trucks					
Engineering Expense					
Administrative Expense	37,745.44	53,318.68	35,197.23	47,424.00	24,206.88
Safety Expense	3,825.21	4,789.69	5,776.68	14,400.00	10,800.00
Seminars	1,115.57	1,049.93	956.86	5,000.00	4,000.00
Miscellaneous Meetings		381.38	1,411.10	500.00	1,000.00
Insurance	33,849.59	29,179.56	46,527.18	28,192.18	24,078.12
Worker Compensation Deductible					
Permits	14,350.00	14,350.00	14,350.00	14,500.00	14,500.00
Legal	4,610.93	1,938.72	2,384.52	3,253.08	6,100.44
Records					
Outside Testing	13,846.14	15,256.66	10,651.00	13,920.00	14,400.00
Potlatch Payments					
Telephone	1,195.75	1,264.83	850.60	1,391.40	1,294.44
Misc Capital Exp Work in Prog			1,401.81		
Misc Capital Expenditures					
Laboratory Supplies	6,194.32	4,698.88	4,390.73	11,100.00	10,200.00
Laboratory Certification	3,676.12	3,231.80	1,005.00	3,400.00	3,400.00
Chemicals	19,517.68	19,628.00	38,711.06	20,000.00	30,500.00
DCS Support Contract	2,395.74	3,196.06	1,963.38	6,600.00	6,600.00
Blowers & Air Systems	6,748.87	23,245.40	5,778.18	16,800.00	16,200.00
Aerators	13,916.64	18,810.11	16,678.20	28,500.00	27,600.00
Secondary Clarifiers	8,144.81	3,360.13	2,759.89	15,000.00	5,820.00
Waste Activated Sludge	4,054.53	4,504.55	9,527.79	5,400.00	5,100.00
Pumps	6,795.34	8,071.57	3,500.46	12,000.00	10,200.00
Chlorination System	4,682.33	2,181.74	6,666.14	2,100.00	3,900.00
Additive System	330.09	75.92		600.00	
Laboratory Equipment	4,698.24	1,911.64	1,235.24	3,000.00	3,000.00
Plant Vehicles			146.40	3,000.00	3,000.00
Electric Motors & Controls	2,338.24	3,749.70	7,082.07	15,000.00	15,000.00
Instrumentation	3,901.02	694.77	2,198.47	2,500.00	2,500.00
Building & Grounds	33,247.37	39,440.00	15,571.73	31,200.00	30,000.00
Snowplowing		938.82	280.90	3,600.00	3,000.00
Maintenance Inspections	1,075.43	1,888.52	277.98		
Sludge Dredging of A Cells					
Sludge Dredging					
Power Purchased (Industrial)	648,355.65	661,900.42	650,974.98	660,000.00	738,400.00
Utilities - Use Tax (Industrial)					
Water Purchased (Industrial)	15,310.85	20,407.02	30,126.23	14,500.00	14,500.00
Power Purchased (Domestic)	277,742.07	270,162.55	258,807.49	276,000.00	309,600.00
Utilities - Use Tax (Domestic)					
Water Purchased (Domestic)	6,560.82	8,329.16	11,954.05	4,350.00	4,350.00
Total Secondary Waste Treatment Plant	1,407,205.78	1,457,512.69	1,309,141.63	1,416,577.46	1,529,637.60
Total WWTP Expenses	4,058,038.50	4,073,422.93	3,100,386.76	3,648,861.15	3,788,200.52
Domestic Portion - Secondary Plant	422,020.07	423,425.33	317,250.33	418,868.22	477,636.91
Domestic Portion - WWTP SCB	9,716.00	9,992.07	10,718.01	10,073.48	19,119.49
Domestic Portion - Sludge Disposal	140,403.94	50,293.08	36,957.86		44,000.00

GRAND RAPIDS PUBLIC UTILITIES
 Operating Budget - Wastewater Treatment
 For the Twelve Months Ending Friday, December 31, 2021

	2019	2020	2021	2021	2022
	Actual	Actual	YTD Sept	Budget	Budget
Net WasteWater Treatment Plant Expense	3,485,898.49	3,589,712.45	2,735,460.56	3,219,919.45	3,247,444.12
Other Revenues					
Demand Pmt/From Deferred Revenue					
Demand Pmt/2001A WW Rev Bond					
Demand Pmt/2006A GO WW Rev Bond					
Demand Pmt/2009A GO WW Rev Bond	105,000.50	(0.50)			
Demand Pmt/2009E PFA Note	1,180,548.00	1,215,432.00			1,215,432.00
Demand Pmt/2011A GO WW Rev Bond	399,483.27	412,971.54			412,972.00
Demand Pmt/2013C GO Utility Bond	134,276.00	140,000.22	205,834.67		14,000.00
Demand Pmt / JD Loader lease	30,387.77	33,584.99			
Demand Pmt / 2018 Dump Truck	23,961.55	25,157.71			
Demand Pmt / 2018 Water Truck	29,233.26	30,692.58			
Interest Rev - Financial Assurance					
Interest Rev - 2001A Bonds Dem					
Interest Rev - 2006A Bonds Dem					
Interest Rev - 2009A Bonds Dem	5,116.25				
Interest Rev - 2009E PFA Dem	423,988.19	390,579.77			390,580.00
Interest Rev - 2011A Bonds Dem	41,089.64	28,244.72			28,244.70
Interest Rev - 2013C Bonds Dem	67,892.23	63,537.54			63,537.50
Interest Rev - JD Loader Lease	953.26	151.19			
Interest Rev - 2018 Dump Truck	3,000.47	1,765.86			
Interest Rev - 2018 Water Truck	3,660.59	2,154.36			
Primary PLT Relocation Revenue					
EPA Stag Grant					
Grant Revenues	10,000.00	445,671.73	610.00		
Contribution City of GR		75,000.00			
Customer Contributions	117,794.71	339,821.69			
Total Other Revenues	2,576,385.69	3,204,765.40	206,444.67		2,124,766.20
Other Expenses					
Interest on LT Debt - 2001A Bonds					
Interest on LT Debt - 2006A Bonds					
Interest on LT Debt - 2009A Bonds	4,716.25				
Interest on LT Debt - 2009E PFA Note	461,788.35	424,137.59	20,927.16		424,137.00
Interest on LT Debt - 2011A Bonds	46,269.58	32,020.00	7,291.67		32,020.00
Interest on LT Debt - 2013C Bonds	67,168.70	63,037.54	32,461.50		63,037.00
Interest on Lease Payable - 2017 Loader	1,082.43	151.19			
Interest on Lease Payable - 2018 Dump	3,000.47	1,765.86	469.63		
Interest on Lease Payable - 2018 Water	3,660.59	2,154.36	572.95		
Capitalized Interest					
Bond Fees - 2001A WW Revenue Bonds					
Bond Fees - 2006A GO WW Revenue Bonds					
Bond Fees - 2009A GO WW Rev Bonds	692.31	211.11			200.00
Bond Fees - 2009E PFA Note	1,600.00	1,600.00			1,600.00
Bond Fees - 2011A GO WW Rev Refund	817.31	736.11	725.00		750.00
Bond Fees - 2012D GO Utility Rev					
Bond Fees - 2013C GO Utility Bond	792.31	711.11	200.00		750.00
Amort Debt Disc & Exp - 2001A Bond					
Amort Debt Disc & Exp - 2006A Bond					
Amort Debt Disc & Exp - 2009A Bond	2,876.06				
Amort Debt Disc & Exp - 2009E Bond	6,493.08	6,493.08			6,493.00
Amort Debt Disc & Exp - 2011A Bond	8,264.16	8,264.16			8,264.00
Amort Debt Disc & Exp - 2013C Bond	3,456.12	3,456.12			3,456.00
Depreciation Expense - WWTP	1,595,234.73	1,596,768.60		1,600,000.00	1,596,769.00
Amortization Expense, Intangibles					
Contributions Refunded					
Gain of Asset Disposal	(6,100.00)				
Loss on Asset Disposal (Secondary)		1,671.75			
Loss on Disposition of Property					
Other Deduct - Loss on Investment					
Total Other Expenses	2,201,812.45	2,143,178.58	62,647.91	1,600,000.00	2,137,476.00
Wastewater Treatment Net Income	374,573.24	1,063,463.32	53,923.38	(1,600,000.12)	(12,709.80)

Grand Rapids Public Utilities Commission

Capital Improvement Plan

2022 thru 2026

DEPARTMENT SUMMARY

Department	2022	2023	2024	2025	2026	Total
1-Electric	804,968	1,174,370	590,520	90,000		2,659,858
2-Water	5,059,160	174,000	595,586	557,580	38,000	6,424,326
3-Wastewater Collection	363,714	161,800	200,567	421,600	181,435	1,329,116
4a-WWT Domestic	150,000					150,000
4b-WWT Screenhouse					1,600,000	1,600,000
4c-WWT Primary Plant	190,035	70,000	70,000	150,000	100,000	580,035
4d-WWT Sludge Disposal	58,000					58,000
4f-WWT Secondary Treatment	145,000	325,000	555,000	2,283,000		3,308,000
5-Technology	98,000	85,000	85,000	40,000		308,000
6-Service Center	664,150	275,000				939,150
TOTAL	7,533,027	2,265,170	2,096,673	3,542,180	1,919,435	17,356,485

Grand Rapids Public Utilities Commission
Capital Improvement Plan
 2022 thru 2026

FUNDING SOURCE SUMMARY

Source	2022	2023	2024	2025	2026	Total
City Contributions	67,155	117,175				184,330
Customer Contributions-Cohasset	3,120	5,157	9,474	13,370		31,121
Customer Contributions-LaPrairie	1,995	3,051	5,605	7,910		18,561
Customer Contributions-UPM	366,055	331,820	521,570	1,844,920	1,700,000	4,764,365
Grants	3,175,987					3,175,987
Rplcmt Fund-Elec share/business	285,236	160,282	39,870	18,720		504,108
Rplcmt Fund-Electric Infrastructure	800,543	1,169,945	590,520	90,000		2,651,008
Rplcmt Fund-Water Infrastructure	2,174,660	174,000	595,586	557,580	38,000	3,539,826
Rplcmt Fund-Water share/business	60,719	45,840	14,690	7,040		128,289
Rplcmt Fund-WWC Infrastructure	550,099	221,092	309,488	997,720	181,435	2,259,834
Rplcmt Fund-WWC share/business	47,458	36,808	9,870	4,920		99,056
GRAND TOTAL	7,533,027	2,265,170	2,096,673	3,542,180	1,919,435	17,356,485

Grand Rapids Public Utilities Commission

Capital Improvement Plan

2022 thru 2026

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
1-Electric								
Distribution System Services	ELEC2201	1	38,000					38,000
Distribution System Duel Fuel Services	ELEC2202	1	2,560					2,560
Distribution System Security Lighting	ELEC2203	1	61,950					61,950
Distribution System Overhead Distribution	ELEC2204	1	25,000					25,000
Distribution System Underground Distribution	ELEC2205	1	25,000					25,000
Distribution System Transformers	ELEC2206	1	91,500					91,500
Distribution System Meters	ELEC2207	1	21,700					21,700
Crystal Springs Conversion	ELEC2210	1	146,000					146,000
Replace Truck 60	ELEC2213	1	205,000					205,000
Aerial Photography for GIS	ELEC2214	1	8,850					8,850
Electric System Reliability	ELEC2215	2	29,420					29,420
Gateway Backup Power Supplies	ELEC2216	1	33,000					33,000
Maple Street Conversion	ELEC2218	1	29,000					29,000
Replace Main Substation Building Roof	ELEC2219	2	25,000					25,000
AMI Gateway Replacement	ELEC2220	1	12,488					12,488
SW 1st Ave Conversion	ELEC2221	1	30,000					30,000
4/0 Cable Replacement to Ace Hardware	ELEC2222	1	20,500					20,500
Distribution System Services	ELEC2301	1		38,000				38,000
Distribution System Duel Fuel Services	ELEC2302	1		2,560				2,560
Distribution System Security Lighting	ELEC2303	1		13,880				13,880
Distribution System Overhead Distribution	ELEC2304	1		60,000				60,000
Distribution System Underground Distribution	ELEC2305	1		30,000				30,000
Distribution System Transformers	ELEC2306	1		90,000				90,000
Distribution System Meters	ELEC2307	1		21,080				21,080
Replace Truck 63	ELEC2308	2		200,000				200,000
Extend Feeder 320 from 7th Street to 17th Street	ELEC2310	3		410,000				410,000
Inspect and replace power poles	ELEC2311	1		100,000				100,000
Convert 7200 volt systems to 23 kV	ELEC2312	1		100,000				100,000
Aerial Photography for GIS	ELEC2313	1		8,850				8,850
Electric System Reliability Upgrades	ELEC2314	2		100,000				100,000
Distribution System Services	ELEC2401	1			38,000			38,000
Distribution System Duel Fuel Services	ELEC2402	1			2,560			2,560
Distribution System Security Lighting	ELEC2403	1			13,880			13,880
Distribution System Overhead Distribution	ELEC2404	1			60,000			60,000
Distribution System Overhead Distribution	ELEC2405	1			30,000			30,000
Distribution System Transformers	ELEC2406	1			90,000			90,000
Distribution System Meters	ELEC2407	1			21,080			21,080
Replace Truck 84	ELEC2408	1			35,000			35,000
Inspect and replace power poles	ELEC2411	1			100,000			100,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Convert 7200 volt systems to 23 kV	ELEC2412	1			100,000			100,000
Electric System Reliability Upgrades	ELEC2414	2			100,000			100,000
Convert circuit FL13 to 23kV	ELEC2512	2				90,000		90,000
1-Electric Total			804,968	1,174,370	590,520	90,000		2,659,858

City Contributions			4,425	4,425				8,850
Rplcmt Fund-Electric Infrastructure			800,543	1,169,945	590,520	90,000		2,651,008
1-Electric Total			804,968	1,174,370	590,520	90,000		2,659,858

2-Water

Watermain minor additions & replacements	WATR1807	4	20,000	20,000	20,000	20,000	20,000	100,000
NW Street Reconstruction	WATR1903	2				157,080		157,080
11th St. NE (2nd to 3rdAve.)	WATR1904	3			83,600			83,600
5th Ave. NE (T.H. #2 to 5th Str. NE	WATR2001	3			35,772			35,772
3rd Ave NE (5th to 8th Str.) & 7th Str. NE (3-5)	WATR2002	3			235,375			235,375
11th Ave NE (2nd- 3rd ave)	WATR2003	3			83,600			83,600
Well 2 Rehabilitation	WATR2004	1		55,000				55,000
High Service Pump Control Improvement	WATR2005	2	30,000					30,000
Ha-Car Neighborhood SE, Phase 1	WATR2101	3				362,500		362,500
WTP Pump Lifting Beam	WATR2103	2	16,000					16,000
Mid-Tower Coating Repairs	WATR2107	1	150,000					150,000
WTP Security	WATR2108	1	20,000					20,000
6th Street NE (2nd Ave.-5th Ave.)	WATR2201	2			119,239			119,239
Water Leak Study	WATR2202	2	8,200					8,200
Hydrant Meters	WATR2203	3	8,460					8,460
WTP Flow Meters	WATR2204	2	30,000					30,000
WTP Sludge Pump	WATR2205	3	10,000					10,000
WTP Sewage Ejector System	WATR2206	3	15,000					15,000
WTP Turbidity Meters	WATR2207	3	30,000					30,000
WTP Aerator Media	WATR2208	3	11,000					11,000
Fire Hydrant Repairs	WATR2209	2	18,000	18,000	18,000	18,000	18,000	90,000
Well 1 Rehabilitation	WATR2210	1	35,000					35,000
WTP Communication with Wells	WATR2211	3	15,000					15,000
WTP Main Valve	WATR2212	2	22,500					22,500
Water Plant Renovation	WATR2213	2	4,620,000					4,620,000
6th Ave NW (4th to 5th st)	WATR2301	2		81,000				81,000
2-Water Total			5,059,160	174,000	595,586	557,580	38,000	6,424,326

Grants			2,884,500					2,884,500
Rplcmt Fund-Water Infrastructure			2,174,660	174,000	595,586	557,580	38,000	3,539,826
2-Water Total			5,059,160	174,000	595,586	557,580	38,000	6,424,326

3-Wastewater Collection

Mains and Services	WWCO1804	4	125,000	15,000	15,000	15,000		170,000
Manhole Replacements	WWCO1805	2	15,500	15,500	15,500	15,500		62,000
NW Street Reconstruction	WWCO1904	2				114,600		114,600

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
5th Ave. NE (T.H. #2 to 5th Str. NE)	WWCO2001	2					66,435	66,435
3rd Ave.NE (4th - 8th) &7th st (3rd -5th)	WWCO2002	2		25,000				25,000
11th Ave NE (5th St NE - 7th St NE)	WWCO2003	2					115,000	115,000
Lift Station Pumps	WWCO2005	1	27,000	27,000				54,000
Ha-Car SE Neighborhood, Phase 1	WWCO2021	2				250,000		250,000
DeltaV Secondary for Clinic Lift	WWCO2103	2	16,999					16,999
6th Street NE (2nd Ave. - 5th Ave)	WWCO2201	2			110,067			110,067
City Wide Overlays-Rural	WWCO2202	2			60,000			60,000
Lift Station 9 Controls Update	WWCO2203	1				26,500		26,500
7th Ave SE Overlay	WWCO2205	2	50,000					50,000
Lift Station 2 - Generator and switch	WWCO2207	3	36,490					36,490
Lift Station 3 - Generator and switch	WWCO2208	3	32,825					32,825
Lift Station 7 Controls Update	WWCO2301	1		27,300				27,300
6th Ave NW (4th-5th)	WWCO2302	2		52,000				52,000
Lift Station 6 Controls Update	WWCO2401	1	29,500					29,500
Lift Station 7 Controls Update	WWCO2601	1	30,400					30,400
3-Wastewater Collection Total			363,714	161,800	200,567	421,600	181,435	1,329,116

<i>Rplcmt Fund-WWC Infrastructure</i>			363,714	161,800	200,567	421,600	181,435	1,329,116
3-Wastewater Collection Total			363,714	161,800	200,567	421,600	181,435	1,329,116

4a-WWT Domestic								
Rebuild Domestic Screen	WWDO1801	2	150,000					150,000
4a-WWT Domestic Total			150,000					

<i>Rplcmt Fund-WWC Infrastructure</i>			150,000					
4a-WWT Domestic Total			150,000					

4b-WWT Screenhouse								
Industrial Screen House Upgrades	WWSH1801	4				1,600,000		1,600,000
4b-WWT Screenhouse Total							1,600,000	1,600,000

<i>Customer Contributions-UPM</i>							1,600,000	1,600,000
4b-WWT Screenhouse Total							1,600,000	1,600,000

4c-WWT Primary Plant								
Demo of Old Primary Plant	WWPP2001	3		70,000	70,000	150,000	100,000	390,000
SWPPP Pond Pump	WWPP2002	1	23,000					23,000
Painting Primary Clarifiers	WWPP2003	3	80,000					80,000
Sludge Screw Conveyor - Screw Replacement	WWPP2103	2	49,535					49,535
RST VFD Upgrade	WWPP2201	3	17,000					17,000
Forks for Front End Loader	WWPP2202	3	8,500					8,500
High Lift	WWPP2203	2	12,000					12,000
4c-WWT Primary Plant Total			190,035	70,000	70,000	150,000	100,000	580,035

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
<i>Customer Contributions-UPM</i>			190,035	70,000	70,000	150,000	100,000	580,035
4c-WWT Primary Plant Total			190,035	70,000	70,000	150,000	100,000	580,035
4d-WWT Sludge Disposal								
Leachate Phase Pump	WWSD2101	2	8,000					8,000
Engineering Design - Landfill Cover	WWSD2201	2	50,000					50,000
4d-WWT Sludge Disposal Total			58,000					58,000
<i>Customer Contributions-UPM</i>			58,000					58,000
4d-WWT Sludge Disposal Total			58,000					58,000
4f-WWT Secondary Treatment								
Secondary Air Header Piping	WWSP1701	2				875,000		875,000
Rebuild Blower Number 3	WWSP1702	2			280,000			280,000
B1 Pond Dredging	WWSP1802	2		150,000				150,000
Delta V Controllers	WWSP1803	1	20,000					20,000
Secondary Aeration Basin Mixer Repairs	WWSP1804	2	125,000	175,000	275,000			575,000
Blower Building and Med Voltage Gear	WWSP2202	2				1,408,000		1,408,000
4f-WWT Secondary Treatment Total			145,000	325,000	555,000	2,283,000		3,308,000
<i>Customer Contributions-Cohasset</i>			3,120	5,157	9,474	13,370		31,121
<i>Customer Contributions-LaPrairie</i>			1,995	3,051	5,605	7,910		18,561
<i>Customer Contributions-UPM</i>			103,500	257,500	431,000	1,685,600		2,477,600
<i>Rplcmt Fund-WWC Infrastructure</i>			36,385	59,292	108,921	576,120		780,718
4f-WWT Secondary Treatment Total			145,000	325,000	555,000	2,283,000		3,308,000
5-Technology								
Router Replacement	CITE2201	1	8,000					8,000
Personal Computer Replacements	CITE2202	3	4,000					4,000
Mobile Computers	CITE2203	4	4,000					4,000
Telephone System Upgrade	CITE2204	3	25,000					25,000
Network Switch Upgrades	CITE2206	3	10,000					10,000
Software Upgrades	CITE2208	2	10,000					10,000
Miscellaneous Computer Hardware	CITE2209	4	2,000					2,000
LaserFiche	CITE2211	2	10,000					10,000
Radio Conversion to 800MHZ	CITE2212	2	25,000					25,000
Personal Computer Replacements	CITE2302	3		4,000				4,000
Mobile Computers	CITE2303	4		4,000				4,000
Server Upgrades	CITE2304	2		65,000				65,000
Software Upgrades	CITE2308	2		10,000				10,000
Miscellaneous Computer Hardware	CITE2309	4		2,000				2,000
Personal Computer Replacements	CITE2402	3			4,000			4,000
Mobile Computers	CITE2403	4			4,000			4,000
Server Upgrades	CITE2404	3			65,000			65,000
Software Upgrades	CITE2408	2			10,000			10,000
Miscellaneous Computer Hardware	CITE2409	4			2,000			2,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Personal Computer Replacements	CITE2502	3				4,000		4,000
Mobile Computers	CITE2503	4				4,000		4,000
Network Switch Upgrades	CITE2506	3				12,000		12,000
Computer Backup Hardware	CITE2507	1				8,000		8,000
Software Upgrades	CITE2508	2				10,000		10,000
Miscellaneous Computer Hardware	CITE2509	4				2,000		2,000
5-Technology Total			98,000	85,000	85,000	40,000		308,000
<i>Customer Contributions-UPM</i>			14,520	4,320	20,570	9,320		48,730
<i>Rplcmt Fund-Elec share/business</i>			48,780	54,820	39,870	18,720		162,190
<i>Rplcmt Fund-Water share/business</i>			20,000	13,390	14,690	7,040		55,120
<i>Rplcmt Fund-WWC share/business</i>			14,700	12,470	9,870	4,920		41,960
5-Technology Total			98,000	85,000	85,000	40,000		308,000
6-Service Center								
South Gate Replacement	CSCW2022	2	20,000					20,000
Building Security Upgrade	CSCW2102	3	28,000					28,000
Building Landscaping	CSCW2103	4	10,000					10,000
North Roof Replacement	CSCW2201	2	80,000					80,000
CSC Lighting Upgrades	CSCW2202	2	17,500					17,500
Conference Room Furniture	CSCW2203	n/a	5,000					5,000
Shelter for wire spools	CSCW2204	2	50,000					50,000
Electric Vehicle	CSCW2205	n/a	50,000					50,000
HVAC Upgrades	CSCW2206	2	15,000					15,000
Service Center Backup Generator	CSCW2207	1	388,650					388,650
South Roof Replacement	CSCW2301	2		275,000				275,000
6-Service Center Total			664,150	275,000				939,150
<i>City Contributions</i>			62,730	112,750				175,480
<i>Customer Contributions-UPM</i>			0					0
<i>Grants</i>			291,487					291,487
<i>Rplcmt Fund-Elec share/business</i>			236,456	105,462				341,918
<i>Rplcmt Fund-Water share/business</i>			40,719	32,450				73,169
<i>Rplcmt Fund-WWC share/business</i>			32,758	24,338				57,096
6-Service Center Total			664,150	275,000				939,150
Grand Total			7,533,027	2,265,170	2,096,673	3,542,180	1,919,435	17,356,485

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2201
 Project Name Distribution System Services

Total Project Cost: \$38,000

Description

New or upgraded electrical services.

Justification

Account designated for the GRPUC share of new or upgraded services.
 Cost to GRPU:
 40 residential or commercial services per year x \$950 service allowance = \$38,000
 Revenue, amount over \$950 paid by customer, 10.451.0000: (15 services)x(\$1800 ea) = \$27,000 for residential. (6 commercial services)x(\$11,000 ea) = \$66,000

Expenditures	2022	2023	2024	2025	2026	Total
Labor	22,800					22,800
Contractor Labor	7,600					7,600
Inventory	7,600					7,600
Total	38,000					38,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	38,000					38,000
Total	38,000					38,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2202
 Project Name Distribution System Duel Fuel Services

Total Project Cost: \$2,560

Description

New dual fuel services.

Justification

Account designated for the GRPUC share of new dual fuel services.
 10 switches,

Expenditures	2022	2023	2024	2025	2026	Total
Labor	410					410
Inventory	2,000					2,000
Vehicle Usage	150					150
Total	2,560					2,560

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	2,560					2,560
Total	2,560					2,560

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2203
 Project Name Distribution System Security Lighting

Total Project Cost: \$61,950

Description

Security light conversion to LED and replacements.

Justification

Account designated for capital expenditures for new security lights and for replacement of existing security lights at end of life. This includes replacing any non-functioning security light with LED type to extend life from 4 years to 15 years.
 Labor - \$104/light x 175 lights = \$18,200 (\$44/hr labor, two personnel, \$16/hr truck)
 Parts - \$250/light x 175 lights = \$43,750

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	43,750					43,750
Labor	18,200					18,200
Total	61,950					61,950

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	61,950					61,950
Total	61,950					61,950

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2204
 Project Name Distribution System Overhead Distribution

Total Project Cost: \$25,000

Description

Overhead distribution system replacement and maintenance.

Justification

Account designated for small overhead distribution system replacement projects.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	10,000					10,000
Labor	15,000					15,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2205
 Project Name Distribution System Underground Distribution

Total Project Cost: \$25,000

Description

Underground distribution system replacement and maintenance.

Justification

Account designated for small underground distribution system replacement projects. This includes premature cable failures (replace vs. multiple splice) as well as cable replace due to other construction work (road or sidewalk opened for other reasons).

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	10,000					10,000
Labor	15,000					15,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 50
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2206
 Project Name Distribution System Transformers

Total Project Cost: \$91,500

Description

Transformer purchase.

Justification

Purchase of replacement and new transformers allocated for new and upgraded services, failures, and service life replacements.

Crystal Springs, SW 1st Ave, Maple St:
 15 kVA (13) x (\$2000) = \$26,000
 25 kVA (19) x (\$2500) = \$47,500
 100 kVA (1) x (\$3000) = \$3000
 Total = \$76,500
 Replacements: \$15,000
 Grand total: \$91,500

Expenditures	2022	2023	2024	2025	2026	Total
Inventory	91,500					91,500
Total	91,500					91,500

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	91,500					91,500
Total	91,500					91,500

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 50
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2207
 Project Name Distribution System Meters

Total Project Cost: \$21,700

Description

Electric meters.

Justification

Purchase of replacement and new electric meters allocated for new and upgraded services, failures, and service life replacements.
 2S-200 Dis: (100) x (\$185) = \$18500
 16S: (8) x (\$400) = \$3200

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	21,700					21,700
Total	21,700					21,700

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	21,700					21,700
Total	21,700					21,700

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2210
 Project Name Crystal Springs Conversion

Total Project Cost: \$146,000

Description
 Convert Crystal Springs single phase overhead distribution to underground from existing step down transformer to end of Stony Point Road.

Justification
 Reduce outages caused by trees and squirrels on overhead electric distribution system.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	54,500					54,500
Labor	46,500					46,500
Contractor Labor	45,000					45,000
Total	146,000					146,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	146,000					146,000
Total	146,000					146,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 20
 Category Vehicles
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2213
 Project Name Replace Truck 60

Total Project Cost: \$205,000

Description
 Replace small bucket truck, Truck 60

Justification
 Aging vehicles require higher maintenance and no longer can be serviced.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	205,000					205,000
Total	205,000					205,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	205,000					205,000
Total	205,000					205,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 5
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2214
 Project Name Aerial Photography for GIS

Total Project Cost: \$8,850

Description

Hire contractor to fly over and produce aerials of GRPUC service.

Justification

Updated aerials of GRPUC service area used by GIS for GRPUC, City of Grand Rapids, and outside entities.
 \$28,950 over three years

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	8,850					8,850
Total	8,850					8,850

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	4,425					4,425
Rplcmt Fund-Electric Infrastructure	4,425					4,425
Total	8,850					8,850

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2215
 Project Name Electric System Reliability

Total Project Cost: \$29,420

Description

Increase reliability of electric distribution system

Justification

Additional switches and infrastructure needs to increase reliability of electric system.
 Reclosers: (\$4180) x 5 = \$20,900
 Labor: (\$44) x (4) x (4 hrs) x (5 reclosers) = \$3520
 Conversion parts = \$5000

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	25,900					25,900
Labor	3,520					3,520
Total	29,420					29,420

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	29,420					29,420
Total	29,420					29,420

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 10
 Category Equipment
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2216
 Project Name Gateway Backup Power Supplies

Total Project Cost: \$33,000

Description

Install battery backup systems at AMI gateways.

Justification

During power outages, AMI gateways require longer backup power sources.
 Need 18 backup power supplies for all installed gateways.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	30,000					30,000
Labor	3,000					3,000
Total	33,000					33,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	33,000					33,000
Total	33,000					33,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2218
 Project Name Maple Street Conversion

Total Project Cost: \$29,000

Description

Convert Maple Street from overhead to underground

Justification

Inaccessible backyard overhead lines, reduced reliability due to trees and squirrels.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	13,000					13,000
Labor	7,000					7,000
Contractor Labor	9,000					9,000
Total	29,000					29,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	29,000					29,000
Total	29,000					29,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Buildings
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2219
 Project Name Replace Main Substation Building Roof

Total Project Cost: \$25,000

Description

Replace main substation building roof.

Justification

Existing roof has no insulation which causes ices dams in the winter and subsequent leaking into building. Roof pitch is not great enough and attic space is very small.

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	25,000					25,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 20
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2220
 Project Name AMI Gateway Replacement

Total Project Cost: \$12,488

Description

Replace failed gateways with new model AMI gateways

Justification

Failed gateways and lack of a spare gateway.
 Antenna: (\$40) x (2) = \$80
 Modem: (\$700) x (2) = \$1400
 Gateway: (\$2200) x (4) = \$9600
 Labor: (\$44) x (4 hrs ea) x 4 = \$704

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	11,784					11,784
Labor	704					704
Total	12,488					12,488

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	12,488					12,488
Total	12,488					12,488

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2221
 Project Name SW 1st Ave Conversion

Total Project Cost: \$30,000

Description

Convert alley between SW 1st Ave and SW 2nd Ave north of SW 4th St from overhead to underground.

Justification

Significant outages on overhead line due to squirrels and trees.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	13,000					13,000
Labor	8,000					8,000
Contractor Labor	9,000					9,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 1-Electric
 Contact Jeremy Goodell
 Type Unassigned
 Useful Life 30
 Category Electric System
 Priority 01 - Required
 Status Active

Grand Rapids Public Utilities Commission

Project # ELEC2222
 Project Name 4/0 Cable Replacement to Ace Hardware

Total Project Cost: \$20,500

Description

Replace cable from Feeder 326 switch to Ace Hardware

Justification

Old cross linked polyethylene underground cable is susceptible to premature failure.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	4,500					4,500
Labor	1,500					1,500
Contractor Labor	14,500					14,500
Total	20,500					20,500

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Electric Infrastructure	20,500					20,500
Total	20,500					20,500

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 2-Water

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project # WATR1807

Type Unassigned

Project Name Watermain minor additions & replacements

Useful Life 50

Category Water System

Priority 04 - Minor Need

Status Active

Total Project Cost: \$210,000

Description

Watermain minor additions & replacements

Justification

Watermain minor additions & replacements

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	20,000	20,000	20,000	20,000	20,000	100,000
Total	20,000	20,000	20,000	20,000	20,000	100,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Water Infrastructure	20,000	20,000	20,000	20,000	20,000	100,000
Total	20,000	20,000	20,000	20,000	20,000	100,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project #	WATR2005
Project Name	High Service Pump Control Improvement

Total Project Cost: \$92,120

Description

The clay valves used on the high service pump discharges are beyond their useful life and parts are obsolete. Installing a VFD, swing check valve and an isolation valve will improve and smooth out the performance of the system.

Justification

Aged clay valves are causing issues with pressure control of the high service pumps and must be replaced.

Expenditures	2022	2023	2024	2025	2026	Total
Labor	30,000					30,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

VFD = 14920
 Check Valve = 4917.98
 Butterfly = 5600
 Piping Parts = 500.00
 Labor Setup (4 hrs @ \$151) = \$604
 Labor Install (8 hrs @ \$106) = \$848
 Labor Electric (40 hrs @ \$80) = \$3200
 Contingency (5%) = \$1530

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	30,000					30,000
Total	30,000					30,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 30
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2103
 Project Name WTP Pump Lifting Beam

Total Project Cost: \$16,000

Description

The lower part of the WTP has poor access for portable lifting devices to remove pumps, motors and equipment.

Justification

The lower part of the WTP has poor access for portable lifting devices to remove pumps, motors and equipment. It is a safety concern.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	16,000					16,000
Total	16,000					16,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	16,000					16,000
Total	16,000					16,000

Budget Impact/Other

Engineering = (24 hrs @ \$210) = 5040
 Materials = 5000.00
 Labor Fab (40 hrs @ \$55) = \$2200
 Labor Install (16hrs @ \$151) = \$2416
 Contingency (5%) = 730

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	16,000					16,000
Total	16,000					16,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project # WATR2107
Project Name Mid-Tower Coating Repairs

Type Unassigned

Useful Life 10

Category Water System

Priority 01 - Required

Status Active

Total Project Cost: \$150,000

Description

The mid-tower was inspected by KLM engineering October 28th. Per their report, there are some areas that will need to be repaired.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	150,000					150,000
Total	150,000					150,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	150,000					150,000
Total	150,000					150,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	150,000					150,000
Total	150,000					150,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project # WATR2108
Project Name WTP Security

Type Unassigned
Useful Life 10
Category Buildings
Priority 01 - Required
Status Active

Total Project Cost: \$20,000

Description

The Environmental Protection Agency risk and resilience assessment addresses security of the water treatment plant and its distribution system.

Justification

Section 2013 of America's Water Infrastructure Act of 2018 (AWIA) requires community water systems that serve more than 3,300 people to complete a risk and resilience assessment and develop an emergency response plan. This is a big part of security of our system.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	15,000					15,000
Contractor Labor	5,000					5,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	20,000					20,000
Total	20,000					20,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	20,000					20,000
Total	20,000					20,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 5
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2202
 Project Name Water Leak Study

Total Project Cost: \$8,200

Description

The last water leak study was completed in 2017 for our distribution system. We are due to have another one completed in order to help with our unaccounted flow (+10%)

Justification

Annually, we account for water usage throughout the system and we report how much water was unaccounted for. The target is less than 10%. Last year we were over that target amount so a leak study is necessary to help reduce loss in the distribution system.

Expenditures	2022	2023	2024	2025	2026	Total
Outside Services	8,200					8,200
Total	8,200					8,200

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Water Infrastructure	8,200					8,200
Total	8,200					8,200

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	8,200					8,200
Total	8,200					8,200

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 10
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2203
 Project Name Hydrant Meters

Total Project Cost: \$8,460

Description

New water hydrant meters are necessary to be able to utilize the AMI system.

Justification

New meters will allow us to hook up a node to the hydrant meter to be able to capture data immediately versus seasonally. This will allow us to have a better handle on usage.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	8,460					8,460
Total	8,460					8,460

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Water Infrastructure	8,460					8,460
Total	8,460					8,460

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	8,460					8,460
Total	8,460					8,460

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 10
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2204
 Project Name WTP Flow Meters

Total Project Cost: \$30,000

Description

The WTP influent and effluent flow meters are decades old and parts have become obsolete.

Justification

The influent and effluent flow need to be accurate.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	24,000					24,000
Labor	6,000					6,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	30,000					30,000
Total	30,000					30,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2205
 Project Name WTP Sludge Pump

Total Project Cost: \$10,000

Description

WTP Sludge pump is 33 years old and past its useful life.

Justification

It is past its useful life.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	7,500					7,500
Labor	2,500					2,500
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	10,000					10,000
Total	10,000					10,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	10,000					10,000
Total	10,000					10,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2206
 Project Name WTP Sewage Ejector System

Total Project Cost: \$15,000

Description

WTP Sewage system (pump and tank) is 33 years old and past its useful life.

Justification

It is failing and beyond its useful life.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	11,500					11,500
Labor	3,500					3,500
Total	15,000					15,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	15,000					15,000
Total	15,000					15,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	15,000					15,000
Total	15,000					15,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2207
 Project Name WTP Turbidity Meters

Total Project Cost: \$30,000

Description

WTP Turbidity meters are obsolete. Spare parts do no exist.

Justification

WTP turbidity meters are an essential part of good quality water. They tell the operators when it is time to backwash the filters. The current ones are decades old and do not have spare parts for repair.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	27,000					27,000
Labor	3,000					3,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	30,000					30,000
Total	30,000					30,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	30,000					30,000
Total	30,000					30,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2208
 Project Name WTP Aerator Media

Total Project Cost: \$11,000

Description

WTP aerator media need to be cleaned and replaced.

Justification

Having the media onhand will allow the WTP operators to clean the existing media over time rather than paying overtime to clean and install back into the aerator immediately.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	9,000					9,000
Labor	2,000					2,000
Total	11,000					11,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	11,000					11,000
Total	11,000					11,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	11,000					11,000
Total	11,000					11,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2209
 Project Name Fire Hydrant Repairs

Total Project Cost: \$162,000

Description

Annual hydrant flushing allows us to not only clean out the distribution system but also monitor the performance and functionality of the hydrants.

Justification

Several hydrants need maintenance based on the inspection/use from hydrant flushing,

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	18,000	18,000	18,000	18,000	18,000	90,000
Total	18,000	18,000	18,000	18,000	18,000	90,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Water Infrastructure	18,000	18,000	18,000	18,000	18,000	90,000
Total	18,000	18,000	18,000	18,000	18,000	90,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	18,000	18,000	18,000	18,000	18,000	90,000
Total	18,000	18,000	18,000	18,000	18,000	90,000

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 2-Water
Contact Steve Mattson
Type Unassigned
Useful Life 20
Category Water System
Priority 01 - Required
Status Active

Project # WATR2210
Project Name Well 1 Rehabilitation

Total Project Cost: \$35,000

Description

Rehabilitation Well #1

Justification

The well has not been rehabilitated in ten years.

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	35,000					35,000
Total	35,000					35,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	35,000					35,000
Total	35,000					35,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	35,000					35,000
Total	35,000					35,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 10
 Category Water System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2211
 Project Name WTP Communication with Wells

Total Project Cost: \$15,000

Description

The communication system between the WTP and remote wells is less than ideal and is outdated.

Justification

The communication system between the remote wells and the WTP fails 3-4 times weekly causing water supply challenges. A new updated communication system will help the reliability of the water production process.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	15,000					15,000
Total	15,000					15,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	15,000					15,000
Total	15,000					15,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	15,000					15,000
Total	15,000					15,000

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 25
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2212
 Project Name WTP Main Valve

Total Project Cost: \$22,500

Description

The main valve feeding the WTP is 33 years old and past its useful life.

Justification

This valve is showing considerable wear and is past its useful life.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	20,000					20,000
Labor	2,500					2,500
Total	22,500					22,500

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	22,500					22,500
Total	22,500					22,500

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	22,500					22,500
Total	22,500					22,500

Capital Improvement Plan

Data in Year 2022

Department 2-Water
 Contact Steve Mattson
 Type Unassigned
 Useful Life 30
 Category Water System
 Priority 02 - Significant Need
 Status Active

Grand Rapids Public Utilities Commission

Project # WATR2213
 Project Name Water Plant Renovation

Total Project Cost: \$4,620,000

Description

The Water Plant has reached the end of its useful life. A major renovation is needed to update all the critical equipment.

Justification

In order to meet the future supply needs of the growing community, a major renovation is necessary.

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	4,620,000					4,620,000
Total	4,620,000					4,620,000

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	2,500,000					2,500,000
Rplcmt Fund-Water Infrastructure	2,120,000					2,120,000
Total	4,620,000					4,620,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 3-Wastewater Collection

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project # WWCO1804
 Project Name Mains and Services

Type Unassigned

Useful Life 50

Category WW System

Priority 04 - Minor Need

Status Active

Total Project Cost: \$200,000

Description

Replacement of mains, services and manholes. 2022 - There are 12 bad sections of mains that have been identified from jetting/televising

Justification

Minor replacement of mains, services and manholes.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	125,000	15,000	15,000	15,000		170,000
Total	125,000	15,000	15,000	15,000		170,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	125,000	15,000	15,000	15,000		170,000
Total	125,000	15,000	15,000	15,000		170,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	125,000	15,000	15,000	15,000		170,000
Total	125,000	15,000	15,000	15,000		170,000

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection
Contact Steve Mattson
Type Unassigned
Useful Life 20
Category WW System
Priority 02 - Significant Need
Status Active

Project # WWCO1805
Project Name Manhole Replacements

Total Project Cost: \$124,000

Description

Minor Manhole Repairs

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Labor	15,500	15,500	15,500	15,500		62,000
Total	15,500	15,500	15,500	15,500		62,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	15,500	15,500	15,500	15,500		62,000
Total	15,500	15,500	15,500	15,500		62,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	15,500	15,500	15,500	15,500		62,000
Total	15,500	15,500	15,500	15,500		62,000

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection

Contact Steve Mattson

Type Unassigned

Useful Life 20

Category Equipment

Priority 01 - Required

Status Active

Total Project Cost: \$130,323

Project # WWCO2005
 Project Name Lift Station Pumps

Description

Pumps throughout the collection system are reaching the end of their useful life.

Justification

In order to maintain the integrity of the collection system, the retirement of aged pumps are necessary. A complete collection system asset review was conducted at the end of 2019. From that review, a strategic plan was put in place to replace worn out assets with a phased approach.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	27,000	27,000				54,000
Total	27,000	27,000				54,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	27,000	27,000				54,000
Total	27,000	27,000				54,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	27,000	27,000				54,000
Total	27,000	27,000				54,000

Capital Improvement Plan

Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection
 Contact Steve Mattson
 Type Unassigned
 Useful Life 10
 Category WW System
 Priority 02 - Significant Need
 Status Active

Project # WWCO2103
 Project Name DeltaV Secondary for Clinic Lift

Total Project Cost: \$16,999

Description
 The clinic lift only operates on the primary network for Delta V. The rest of the system has both a primary and secondary network for reliability.

Justification
 The operation of the clinic lift is critical for us to properly treat waste. The redundancy of the secondary network is the necessary to ensure operation.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	16,999					16,999
Total	16,999					16,999

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	16,999					16,999
Total	16,999					16,999

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	16,999					16,999
Total	16,999					16,999

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection
 Contact Steve Mattson
 Type Unassigned
 Useful Life 50
 Category City Construction or Reconstru
 Priority 02 - Significant Need
 Status Active

Project # WWCO2205
 Project Name 7th Ave SE Overlay

Total Project Cost: \$50,000

Description
 City of Grand Rapids project 2022/2017-2

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	50,000					50,000
Total	50,000					50,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	50,000					50,000
Total	50,000					50,000

Capital Improvement Plan

Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category WW System
 Priority 03 - Moderate Need
 Status Active

Project # WWCO2207
 Project Name Lift Station 2 - Generator and switch

Total Project Cost: \$36,490

Description
 Lift station 2 is a major lift station that services all of Cohasset. This lift station does not have any backup power supply to ensure that it doesn't overflow into the Mississippi river.

Justification
 The generator and switch would serve as a backup power supply to address any power outage effecting the lift station.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	36,490					36,490
Total	36,490					36,490

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	36,490					36,490
Total	36,490					36,490

Budget Impact/Other
 Ziegler pricing is state bid pricing through Sourcewell Contract #120617-CAT

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	36,490					36,490
Total	36,490					36,490

Capital Improvement Plan

Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category WW System
 Priority 03 - Moderate Need
 Status Active

Project # WWCO2208
 Project Name Lift Station 3 - Generator and switch

Total Project Cost: \$32,825

Description
 Lift station 2 is a major lift station that services all of the SW part of town including the new west school, hospital, clinics and the old ainsworth property. This lift station does not have any backup power supply to ensure that it doesn't overflow into the surrounding environment.

Justification
 The generator and switch would serve as a backup power supply to address any power outage effecting the lift station.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	32,825					32,825
Total	32,825					32,825

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	32,825					32,825
Total	32,825					32,825

Budget Impact/Other
 Ziegler pricing is state bid pricing through Sourcewell Contract #120617-CAT

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	32,825					32,825
Total	32,825					32,825

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection

Contact Steve Mattson

Type Unassigned

Useful Life 20

Category WW System

Priority 01 - Required

Status Active

Total Project Cost: \$29,500

Project # WWCO2401
Project Name Lift Station 6 Controls Update

Description

The controls for this lift station need to be updated due to outdated components.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	29,500					29,500
Total	29,500					29,500

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	29,500					29,500
Total	29,500					29,500

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	29,500					29,500
Total	29,500					29,500

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 3-Wastewater Collection

Contact Steve Mattson

Type Unassigned

Useful Life 20

Category WW System

Priority 01 - Required

Status Active

Total Project Cost: \$30,400

Project # WWCO2601
Project Name Lift Station 7 Controls Update

Description

The controls for this lift station need to be updated due to outdated components.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	30,400					30,400
Total	30,400					30,400

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	30,400					30,400
Total	30,400					30,400

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	30,400					30,400
Total	30,400					30,400

Capital Improvement Plan

Data in Year 2022

Department 4a-WWT Domestic

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWDO1801
Project Name	Rebuild Domestic Screen

Type Unassigned

Useful Life 20

Category Equipment

Priority 02 - Significant Need

Status Active

Total Project Cost: \$150,000

Description

Repair the Parkson Domestic Screen to ensure good screening of domestic waste for the foreseeable future.

Justification

The current screen is reaching the end of its useful life and is in need of major repairs.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	150,000					150,000
Total	150,000					150,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-WWC Infrastructure	150,000					150,000
Total	150,000					150,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	150,000					150,000
Total	150,000					150,000

Capital Improvement Plan

Data in Year 2022

Department 4c-WWT Primary Plant

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWPP2002
Project Name	SWPPP Pond Pump

Type Unassigned

Useful Life 20

Category Equipment

Priority 01 - Required

Status Active

Total Project Cost: \$23,000

Description

The storm water pollution prevention plan pond (SWPPP) needs to be pumped after rain events to prevent overflow into the surrounding area. This part of our Industrial storm water mulit-sector permit.

Justification

Required per our SWPPP Industrial Stormwater Mulit-Sector Permit.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	14,500					14,500
Labor	7,000					7,000
Contractor Labor	1,500					1,500
Total	23,000					23,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	23,000					23,000
Total	23,000					23,000

Budget Impact/Other

Labor WW Maint (40 hrs @ 151.57) = 6100
 Labor PUC Elec (20 hrs @ 50) = 1000
 - \$7100
 Contract labor-Itasca Util (430 ft @ 3.00 / ft) = 1500
 - \$1500
 Pump Panel = 5000
 Wire = 2000
 Pump = 2000
 Piping Parts = 2000
 Electrical parts = 1500
 - \$12,500
 Sub Total = \$21,100
 Contingency @ 10% = 2100
 Grand Total = \$23,200

Capital Improvement Plan

Grand Rapids Public Utilities Commission

Data in Year 2022

Department 4c-WWT Primary Plant
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category Equipment
 Priority 03 - Moderate Need
 Status Active

Project # WWPP2003
 Project Name Painting Primary Clarifiers

Total Project Cost: \$80,000

Description

The primary clarifiers have been in service for almost a decade. The metal parts have been showing wear and rust. In order to protect the investment the metal parts of the structure and rake arm need to be sandblasted and repainted professionally.

Justification

The primary clarifiers have been in service for almost a decade. The metal parts have been showing wear and rust. In order to protect the investment the metal parts of the structure and rake arm need to be sandblasted and repainted professionally.

Expenditures	2022	2023	2024	2025	2026	Total
Contractor Labor	80,000					80,000
Total	80,000					80,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	80,000					80,000
Total	80,000					80,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	80,000					80,000
Total	80,000					80,000

Capital Improvement Plan

Data in Year 2022

Department 4c-WWT Primary Plant

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWPP2103
Project Name	Sludge Screw Conveyor - Screw Replacement

Type Unassigned

Useful Life 10

Category WW System

Priority 02 - Significant Need

Status Active

Total Project Cost: \$88,535

Description

There are five sections of screw for the custom sludge scew conveyor. In order to maintain runnability, the second and third screw should be replaced.

Justification

There are five sections of screw for the custom sludge scew conveyor. In order to maintain runnability, the second and third screw should be replaced. The first section was replaced in 2020 which significantly improved the operation of the conveyor and reduced maintenance downtime.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	44,535					44,535
Labor	5,000					5,000
Total	49,535					49,535

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	49,535					49,535
Total	49,535					49,535

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	49,535					49,535
Total	49,535					49,535

Capital Improvement Plan

Data in Year 2022

Department 4c-WWT Primary Plant

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWPP2201
Project Name	RST VFD Upgrade

Type Unassigned

Useful Life 10

Category WW System

Priority 03 - Moderate Need

Status Active

Total Project Cost: \$17,000

Description

The rotary screw thickeners have a manual adjustment. Transistioning to a VFD will allow the operators greater flexibility to be able to manage the ever changing solids material received from Blandin.

Justification

The rotary screw thickeners have a manual adjustment. Transistioning to a VFD will allow the operators greater flexibility to be able to manage the ever changing solids material received from Blandin.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	13,000					13,000
Labor	4,000					4,000
Total	17,000					17,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	17,000					17,000
Total	17,000					17,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	17,000					17,000
Total	17,000					17,000

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 4c-WWT Primary Plant
 Contact Steve Mattson
 Type Unassigned
 Useful Life 20
 Category WW System
 Priority 03 - Moderate Need
 Status Active

Project # WWPP2202
 Project Name Forks for Front End Loader

Total Project Cost: \$8,500

Description
 Fork attachment for the Front End loader for unloading equipment and materials.

Justification
 Forks will allow the maintenance crew to be able to safely unload/load equipment and also facilitate the installation of equipment.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	8,500					8,500
Total	8,500					8,500

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	8,500					8,500
Total	8,500					8,500

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	8,500					8,500
Total	8,500					8,500

Capital Improvement Plan

Data in Year 2022

Department 4c-WWT Primary Plant

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWPP2203
Project Name	High Lift

Type Unassigned

Useful Life 10

Category WW System

Priority 02 - Significant Need

Status Active

Total Project Cost: \$12,000

Description

A high lift is necessary to access countless items/equipment at elevations throughout the entire solids process building.

Justification

There is a lot of equipment that requires maintenance at elevations where it is unsafe to do so with a ladder such as replacing lights, fans, heaters, piping, equipment, hoists and other electrical components. GRPU has been renting a similar unit over the last four years. In 2021, we have spent over \$4,000 through September.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	12,000					12,000
Total	12,000					12,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	12,000					12,000
Total	12,000					12,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	12,000					12,000
Total	12,000					12,000

Capital Improvement Plan

Grand Rapids Public Utilities Commission

Data in Year 2022

Department 4d-WWT Sludge Disposal
 Contact Steve Mattson
 Type Unassigned
 Useful Life 10
 Category WW System
 Priority 02 - Significant Need
 Status Active

Project # WWSD2101
 Project Name Leachate Phase Pump

Total Project Cost: \$16,000

Description
 We are required be permit to continuously pump out leachate from the sumps of nine phases in the landfill. Failure of a pump would require weeks to repair which would lead to a violation. A spare pump will allow maintenance to immediatedly address the issue.

Justification
 We are required be permit to continuously pump out leachate from the sumps of nine phases in the landfill. Failure of a pump would require weeks to repair which would lead to a violation. A spare pump will allow maintenance to immediatedly address the issue.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	8,000					8,000
Total	8,000					8,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	8,000					8,000
Total	8,000					8,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects	8,000					8,000
Total	8,000					8,000

Capital Improvement Plan

Data in Year 2022

Department 4d-WWT Sludge Disposal

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project # WWSD2201
 Project Name Engineering Design - Landfill Cover

Type Unassigned

Useful Life 20

Category WW System

Priority 02 - Significant Need

Status Active

Total Project Cost: \$50,000

Description

GRPUC will need to manage leachate for the unforeseen future, possibly decades. Long term it makes sense to pump it rather than haul it in a truck.

Justification

In 2022, we will start the detailed design of the leachate pipeline to the WWTP.

Expenditures	2022	2023	2024	2025	2026	Total
Outside Services	50,000					50,000
Total	50,000					50,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 4f-WWT Secondary Treatment

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWSP1803
Project Name	Delta V Controllers

Type Unassigned

Useful Life 10

Category Equipment

Priority 01 - Required

Status Active

Total Project Cost: \$20,000

Description

The MD+ controllers are no longer being supported. We need to upgrade to the MQ controllers for the secondary plant delta V system.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	20,000					20,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-Cohasset	300					300
Customer Contributions-LaPrairie	300					300
Customer Contributions-UPM	16,000					16,000
Rplcmt Fund-WWC Infrastructure	3,400					3,400
Total	20,000					20,000

Budget Impact/Other

Budget Items	2022	2023	2024	2025	2026	Total
Capital Projects			20,000			20,000
Total			20,000			20,000

Capital Improvement Plan

Data in Year 2022

Department 4f-WWT Secondary Treatment

Grand Rapids Public Utilities Commission

Contact Steve Mattson

Project #	WWSP1804
Project Name	Secondary Aeration Basin Mixer Repairs

Type Unassigned

Useful Life 20

Category Equipment

Priority 02 - Significant Need

Status Active

Total Project Cost: \$1,000,000

Description

The thirty-plus year old aeration basin mixers need to be overhauled in order to provide the mixing needed within our activated sludge process. This work will include rebuilding the gearbox and replacing the shaft and both lower and upper impellers of two mixers when necessary.

Justification

Upon inspection of aeration basins, lower impellers have fallen off, mixer shafts have sheared off. Additionally the gearboxes need to be rebuilt. The project will include removing the existing gearbox, shaft and impellers and replacing with a rebuilt gearbox and a new shaft and impellers. We started this process a few years ago and our industrial partner would like us to continue to work at revamping these.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	125,000	175,000	275,000			575,000
Total	125,000	175,000	275,000			575,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-Cohasset	2,820	4,011	6,418			13,249
Customer Contributions-LaPrairie	1,695	2,373	3,797			7,865
Customer Contributions-UPM	87,500	122,500	191,000			401,000
Rplcmt Fund-WWC Infrastructure	32,985	46,116	73,785			152,886
Total	125,000	175,000	275,000			575,000

Budget Impact/Other

By replacing the worn components we can extend the life of the mixer for years as well as prevent the hundreds of thousands of dollars for new.

Capital Improvement Plan

Data in Year 2022

Department 5-Technology

Grand Rapids Public Utilities Commission

Contact Tyanne Betts

Project #	CITE2201
Project Name	Router Replacement

Type Unassigned

Useful Life 5

Category Computer System

Priority 01 - Required

Status Active

Total Project Cost: \$8,000

Description

Replace main incoming router for CSC.

Justification

Maintenance. Replace router due to age/changes in technology to protect cybersecurity.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	8,000					8,000
Total	8,000					8,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	2,000					2,000
Rplcmt Fund-Elec share/business	3,760					3,760
Rplcmt Fund-Water share/business	1,360					1,360
Rplcmt Fund-WWC share/business	880					880
Total	8,000					8,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 5-Technology
 Contact Tyanne Betts
 Type Unassigned
 Useful Life 5
 Category Computer System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # CITE2202
 Project Name Personal Computer Replacements

Total Project Cost: \$4,000

Description
 Annual replacement/upgrade of GRPUC personal computers/workstations

Justification
 Maintenance. Replace personal computers due to obsolescence.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	4,000					4,000
Total	4,000					4,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	1,320					1,320
Rplcmt Fund-Elec share/business	1,680					1,680
Rplcmt Fund-Water share/business	600					600
Rplcmt Fund-WWC share/business	400					400
Total	4,000					4,000

Budget Impact/Other

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 5-Technology
Contact Tyanne Betts
Type Unassigned
Useful Life 5
Category Computer System
Priority 04 - Minor Need
Status Active

Project # CITE2203
Project Name Mobile Computers

Total Project Cost: \$4,000

Description

Purchase 2 mobile computers (laptops or tablets)

Justification

Improve efficiency. Purchase mobile computers for use by Electric, Water and Wastewater Collection field and maintenance crews for mapping and WO use. Allow better tracking of work.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	4,000					4,000
Total	4,000					4,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	2,000					2,000
Rplcmt Fund-Water share/business	1,000					1,000
Rplcmt Fund-WWC share/business	1,000					1,000
Total	4,000					4,000

Budget Impact/Other

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 5-Technology
Contact Jean Lane
Type Unassigned
Useful Life 10
Category Computer System
Priority 03 - Moderate Need
Status Active

Project # CITE2204
Project Name Telephone System Upgrade

Total Project Cost: \$25,000

Description
Replace CSC telephone system

Justification
Improve efficiency. Purchase new telephone system to allow better automation.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	15,000					15,000
Rplcmt Fund-Water share/business	5,000					5,000
Rplcmt Fund-WWC share/business	5,000					5,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 5-Technology
 Contact Tyanne Betts
 Type Unassigned
 Useful Life 5
 Category Computer System
 Priority 03 - Moderate Need
 Status Active

Grand Rapids Public Utilities Commission

Project # CITE2206
 Project Name Network Switch Upgrades

Total Project Cost: \$10,000

Description

Replace/upgrade DeltaV network switches

Justification

Maintenance. Scheduled replacement due to technological changes.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	5,700					5,700
Rplcmt Fund-Elec share/business	1,000					1,000
Rplcmt Fund-Water share/business	3,300					3,300
Rplcmt Fund-WWC share/business	0					0
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 5-Technology

Grand Rapids Public Utilities Commission

Contact Tyanne Betts

Project #	CITE2208
Project Name	Software Upgrades

Type Unassigned

Useful Life 5

Category Computer System

Priority 02 - Significant Need

Status Active

Total Project Cost: \$10,000

Description

Upgrade GP Dynamics/Cogsdale to latest builds.

Justification

Maintenance. Annual business accounting software upgrade.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	2,500					2,500
Rplcmt Fund-Elec share/business	4,700					4,700
Rplcmt Fund-Water share/business	1,700					1,700
Rplcmt Fund-WWC share/business	1,100					1,100
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 5-Technology

Grand Rapids Public Utilities Commission

Contact Tyanne Betts

Project # CITE2209
 Project Name Miscellaneous Computer Hardware

Type Unassigned

Useful Life 5

Category Computer System

Priority 04 - Minor Need

Status Active

Total Project Cost: \$2,000

Description

Replace computer equipment, as needed.

Justification

Maintenance. Replace failed equipment..

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	2,000					2,000
Total	2,000					2,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	500					500
Rplcmt Fund-Elec share/business	940					940
Rplcmt Fund-Water share/business	340					340
Rplcmt Fund-WWC share/business	220					220
Total	2,000					2,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 5-Technology

Grand Rapids Public Utilities Commission

Contact Jean Lane

Project #	CITE2211
Project Name	LaserFiche

Type Unassigned

Useful Life 5

Category Computer System

Priority 02 - Significant Need

Status Active

Total Project Cost: \$10,000

Description

Continue implementation of LaserFiche system.

Justification

Upgrade document retention due to technology advances/greater efficiency.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	2,500					2,500
Rplcmt Fund-Elec share/business	4,700					4,700
Rplcmt Fund-Water share/business	1,700					1,700
Rplcmt Fund-WWC share/business	1,100					1,100
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 5-Technology
Contact Jean Lane
Type Unassigned
Useful Life 10
Category Equipment
Priority 02 - Significant Need
Status Active

Project # CITE2212
Project Name Radio Conversion to 800MHZ

Total Project Cost: \$25,000

Description
Radio Conversion to 800MHZ

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	15,000					15,000
Rplcmt Fund-Water share/business	5,000					5,000
Rplcmt Fund-WWC share/business	5,000					5,000
Total	25,000					25,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project #	CSCW2022
Project Name	South Gate Replacement

Type Unassigned

Useful Life 20

Category Buildings

Priority 02 - Significant Need

Status Active

Total Project Cost: \$20,000

Description
Replace north gate

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	15,000					15,000
Labor	5,000					5,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	8,200					8,200
Rplcmt Fund-Elec share/business	7,670					7,670
Rplcmt Fund-Water share/business	2,360					2,360
Rplcmt Fund-WWC share/business	1,770					1,770
Total	20,000					20,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project # CSCW2102
 Project Name Building Security Upgrade

Type Unassigned

Useful Life 20

Category Buildings

Priority 03 - Moderate Need

Status Active

Total Project Cost: \$28,000

Description

Convert key system to upgraded card system.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	20,000					20,000
Labor	3,000					3,000
Contractor Labor	5,000					5,000
Total	28,000					28,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	11,480					11,480
Rplcmt Fund-Elec share/business	10,738					10,738
Rplcmt Fund-Water share/business	2,478					2,478
Rplcmt Fund-WWC share/business	3,304					3,304
Total	28,000					28,000

Budget Impact/Other

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 6-Service Center
Contact Julie Kennedy
Type Unassigned
Useful Life 20
Category Buildings
Priority 04 - Minor Need
Status Active

Project # CSCW2103
Project Name Building Landscaping

Total Project Cost: \$10,000

Description
Plant shrubs in front of building-create sitting area for lunch and break.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	5,000					5,000
Labor	2,000					2,000
Contractor Labor	3,000					3,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	4,100					4,100
Rplcmt Fund-Elec share/business	3,835					3,835
Rplcmt Fund-Water share/business	1,180					1,180
Rplcmt Fund-WWC share/business	885					885
Total	10,000					10,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project # CSCW2201
 Project Name North Roof Replacement

Type Unassigned

Useful Life 20

Category Buildings

Priority 02 - Significant Need

Status Active

Total Project Cost: \$80,000

Description

Replace north roof

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	80,000					80,000
Total	80,000					80,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	32,800					32,800
Rplcmt Fund-Elec share/business	30,680					30,680
Rplcmt Fund-Water share/business	9,440					9,440
Rplcmt Fund-WWC share/business	7,080					7,080
Total	80,000					80,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project #	CSCW2202
Project Name	CSC Lighting Upgrades

Type Unassigned

Useful Life 25

Category Buildings

Priority 02 - Significant Need

Status Active

Total Project Cost: \$17,500

Description

Upgrade combined service center lighting to LED fixtures. Add motion detectors to automatically turn off lights when not in use. Add dimmers where necessary.

Justification

Lower energy use by LED lights combined with motion detectors reduce overall energy consumption with an average of a 3 year payback.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	17,500					17,500
Total	17,500					17,500

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	11,375					11,375
Rplcmt Fund-Water share/business	3,500					3,500
Rplcmt Fund-WWC share/business	2,625					2,625
Total	17,500					17,500

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project # CSCW2203
Project Name Conference Room Furniture

Type Unassigned

Useful Life

Category Buildings

Priority

Status Active

Total Project Cost: \$5,000

Description

New conference table for Commission meetings

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	5,000					5,000
Total	5,000					5,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	3,250					3,250
Rplcmt Fund-Water share/business	1,000					1,000
Rplcmt Fund-WWC share/business	750					750
Total	5,000					5,000

Budget Impact/Other

Capital Improvement Plan
Grand Rapids Public Utilities Commission

Data in Year 2022

Department 6-Service Center
 Contact Jean Lane
 Type Unassigned
 Useful Life 30
 Category Buildings
 Priority 02 - Significant Need
 Status Active

Project # CSCW2204
 Project Name Shelter for wire spools

Total Project Cost: \$50,000

Description
 Shelter for wire spools.

Justification
 Protect wire spools from the elements.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	50,000					50,000
Total	50,000					50,000

Funding Sources	2022	2023	2024	2025	2026	Total
Rplcmt Fund-Elec share/business	50,000					50,000
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact

Project # CSCW2205
Project Name Electric Vehicle

Type Unassigned

Useful Life

Category Vehicles

Priority

Status Active

Total Project Cost: \$50,000

Description

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	50,000					50,000
Total	50,000					50,000

Funding Sources	2022	2023	2024	2025	2026	Total
Customer Contributions-UPM	0					0
Rplcmt Fund-Elec share/business	50,000					50,000
Rplcmt Fund-Water share/business	0					0
Rplcmt Fund-WWC share/business	0					0
Total	50,000					50,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Julie Kennedy

Project # CSCW2206
Project Name HVAC Upgrades

Type Unassigned

Useful Life 20

Category Buildings

Priority 02 - Significant Need

Status Active

Total Project Cost: \$15,000

Description

Replace two heat pumps

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	13,000					13,000
Labor	1,000					1,000
Contractor Labor	1,000					1,000
Total	15,000					15,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Contributions	6,150					6,150
Rplcmt Fund-Elec share/business	5,752					5,752
Rplcmt Fund-Water share/business	1,328					1,328
Rplcmt Fund-WWC share/business	1,770					1,770
Total	15,000					15,000

Budget Impact/Other

Capital Improvement Plan

Data in Year 2022

Department 6-Service Center

Grand Rapids Public Utilities Commission

Contact Jeremy Goodell

Project #	CSCW2207
Project Name	Service Center Backup Generator

Type Unassigned

Useful Life 20

Category Equipment

Priority 01 - Required

Status Active

Total Project Cost: \$388,650

Description
Backup electrical generator for combined service center.

Justification
Service center is the emergency operations center during large outages and other events.

Expenditures	2022	2023	2024	2025	2026	Total
Purchases	238,520					238,520
Contractor Labor	150,130					150,130
Total	388,650					388,650

Funding Sources	2022	2023	2024	2025	2026	Total
Grants	291,487					291,487
Rplcmt Fund-Elec share/business	63,156					63,156
Rplcmt Fund-Water share/business	19,433					19,433
Rplcmt Fund-WWC share/business	14,574					14,574
Total	388,650					388,650

Budget Impact/Other