

Southern Clinton County Municipal Utilities Authority

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MEMORANDUM

Date: July 21st, 2021

To: Adam Cramton, DeWitt Township Clerk

From: Brad Gurski, Director of Operations

Subject: 2022 SCCMUA Operating Budget & 5-Year Capital Improvements Plan (CIP)

The 2022 Operating Budget and 5-Year CIP was presented at the July 20th, 2021 Southern Clinton County Municipal Utilities Authority Board of Commissioners meeting. A copy of the proposed 2022 Operating Budget and 5-Year CIP is provided to place on your agenda for acceptance.

A public hearing for the 2022 Budget will be held at the regular monthly SCCMUA Board meeting of September 21, 2021, with adoption by resolution anticipated at the next monthly SCCMUA Board meeting.

Upon request, I will make myself available to meet with the DeWitt Township Manager to discuss any particulars of this budget and attend any public session required for adoption of this budget for your community.

cc: Andrew Dymczyk

SOUTHERN CLINTON COUNTY MUNICIPAL UTILITIES AUTHORITY



2022 OPERATING BUDGET

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Letter to the Board

The proposed 2022 Operating Budget has a projected increase of 5% from the 2021 budget. This does not reflect the capital outlay portion of the budget.

The 2022 collection system accounts have a similar increase as the total budget at 4% from the 2021 amended budget. There has been an aggressive TV/Clean schedule budgeted to minimize potential problems in the future. The increase to the collection accounts is primarily due to the recently approved increase granted to consumers; utility costs are up 12% in 2021 and Consumers is asking for another 9% for 2022. This increase accounts for \$97,000 or 3% of the total addition to the 2022 budget.

SCCMUA has made additional contributions to MERS in the last four budgets, which in turn has held unfunded liability reasonably stable. Still, new assumptions have increased liability and will continue to do so. The current actuarial projects a cost of \$208,000 in the fiscal year 2024; that is a 27% increase over the next three years. The current plateau is in 2029, and we hope that holds. For the 2022 budget, our payment was based on a 7% assumption; MERS uses a 7.35% assumption. By paying at a 7% assumption, we will be paying an additional \$34,000 over what is required for the 2022 fiscal year. This amount is similar to other payments SCCMUA has made in the past. These efforts will likely smooth the rate of incline for payments in the future.

In 2022, we plan to continue with our sixth year of the RBC rehab project, which has been successful thus far. The cost is predicted to remain the same at \$65,000. The rest of the CIP items will be put on hold as SCCMUA plans to implement the latest findings with the facilities plan and modeling project.

The costs that most impacted this budget were MERS and electrical charges associated with the plant and the collection system. Consumers Energy has had significant increases over the past couple of years.

Overall, the proposed 2022 budget achieves goals set to maintain the funds to operate the collection systems and plant.

Fund Structure

The financial structure of SCCMUA is similar to other governments with the use of funds except that it only uses one fund. Funds are the control structure that ensures that public money is spent only for those purposes authorized and within amounts authorized. Funds are established to account for different types of activities and legal restrictions that are associated with a particular government function. The Governmental Accounting Standards Board (GASB) defines a fund as:

A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and charges therein, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

SCCMUA is a Proprietary Fund. It is not required to adopt an annual budget; however, the Authority Board does adopt an annual Operating Budget and a 5-year Capital Improvement Plan following a public hearing. The Operating Budget includes proposed expenses and the means to finance them. The Authority operating budget remains in effect but can be revised with Board approval prior to the December 31 year end.

Proprietary funds – are used to account for a government’s business-type activities (ie: activities supported, at least in part, by fees or charges). These funds are also known as *enterprise funds*.

SCCMUA further breaks down this fund into departments. These departments represent each community’s collection system, the plant, process, and Industrial Pretreatment. Following is an explanation of each account:

101 – DeWitt Township Collection System: This account represents all of the expenses related to the repair and maintenance of the collection system including lift stations, pipe, and manholes.

102 – Bath Township Collection System: This account represents all of the expenses related to the repair and maintenance of the collection system including lift stations, pipe, and manholes.

103 – City of DeWitt Collection System: This account represents all of the expenses related to the repair and maintenance of the collection system including lift stations, pipe, and manholes.

104 – Watertown Township Collection System: This account represents all of the expenses related to the repair and maintenance of the collection system including lift stations, pipe, and manholes.

105 – Joint Collection System: This account represents all of the expenses related to the repair and maintenance of the collection system including lift stations, pipe, and manholes. This includes Lift Station 501 and 504 and all of the pipe and manholes from Twinbrook in DeWitt Twp to the Plant. This account is jointly owned by Bath and DeWitt Twp and is solely funded based on an average percentage of flow for the last three years of flow data.

200 – Plant: This account represents all of the expenses for the plant. Plant is defined as all of the buildings, trucks, grounds, electrical, furniture, etc. It is funded based on ownership. Ownership percentages are as follows: DeWitt Twp – 55.7576%, Bath Twp – 16.7273%, City of DeWitt – 11.3131%, and Watertown Twp – 16.2020%.

201 – Process: This account represents all of the expenses for the process. Process is defined as all of the equipment, labor, chemicals, etc that are used to “treat” the flow coming through the plant. The account is funded based on the last three years of data related to the flows coming into the plant from each of the communities.

666 – Industrial Pretreatment (IPP): This is a self-funding account. It is for the administration of the Industrial Pretreatment program and is funded based on the number of users in each community.

Budget and Financial Policies

Investment Policy: The goal of this policy is to enhance the economic status of the Authority while protecting its funds. The Authority is to invest its funds in a manner which will provide the highest investment return with the maximum security while meeting the daily cash flow needs of the Authority and comply with all State statutes governing the investment of public funds.

Capital Assets: The Authority uses a \$5,000 benchmark to report acquisition of capital assets.

Long Term Capital Planning: The purpose of the Long-Term Capital Plan is to forecast capital and funding requirements to meet long term (30 year) and short term (5 year) needs. Capital expenses are those that are less than \$30,000. Capital outlays are those that are more than \$30,000.

Collection System Reserve Funding: it is recommended that the municipalities make a contribution of 7% of the last three years annual collection system operating budget to their collection system reserves. A minimum reserve balance of \$75,000 is also recommended.

Industrial Pretreatment Fund Balance: After the fiscal yearend audit, all funds in the IPP fund balance over \$100,000 will be returned to the municipalities based on their number of commercial and industrial users.

Financial History

The Clean Water Facility was constructed under a Federal Grant. The plant opened January 1, 1980. A decision was made that all of the buildings, equipment, furniture, etc. that was in place prior to January 1, 1980 would be on the financial statements of the four municipalities based on ownership. All assets after that date would be on the financial statements of the Authority.

The Federal grant required that the municipalities put funds into reserves to replace the assets as needed. Periodic wastewater rate studies were performed and as a part of that study, replacement reserves were calculated. In the early years, reserves were not fully funded based on these studies. These reserves were fully funded beginning in the early 1990's. These reserve funds only funded assets obtained prior to January 1, 1980. The municipalities also needed to set funds aside for assets purchased after January 1, 1980. Those assets were depreciated on a straight-line depreciation method and depreciation was fully funded.

In 2008/2009, the Authority Board authorized funds for C2AE to perform a complete Long-Term Asset Replacement Study. This process identified all assets within the facility and the estimated replacement date and replacement cost. The replacement costs were only equipment costs, not total project costs, however, C2AE updated the five-year plan to include engineering, contingency, administration, and overhead. This information was then incorporated into a Rate Study model. In March 2011, the Authority Board adopted the model (Long Term Capital Cost Analysis). As part of adopting the model, reserves and depreciation would no longer be funded beginning with the 2012 budget. Reserves are funded based on the model and the adopted funding level for both the process and plant. Each year the Board may make adjustments to that funding level when the budget is adopted. Although depreciation is no longer funded, it is still an expense to the Authority.

DeWitt Twp Payment Breakdown

2022 PAYMENT BREAKDOWN								
ACCOUNT #101								
DEWITT TOWNSHIP SEWER								
Acct.#		2022	%	2021 Budget	2021 Est.	%	2020	%
101	DT Collect	271,921.15	100%	263,651.31	260,905.00	100%	257,016.00	100%
105	Joint Collect	74,082.61	64.35%	69,798.29	69,601.56	64.85%	64,976.00	65.50%
200	Plant	765,438.07	55.7576%	730,943.43	698,419.70	55.7576%	678,634.11	55.7576%
201	Process	445,171.26	52.63%	413,893.33	409,878.27	52.36%	403,573.18	53.33%
666	IPP	7,373.89		7,271.12	<u>5,898.40</u>		7,282.01	
TOTAL		1,563,986.99		1,485,557.48	1,444,702.93		1,411,481.30	
		15,934.19	101 EQUIP REPAIR/REPLACE RESERVE					
		4,018.43	105 EQUIP REPAIR/REPLACE RESERVE					
		156,532.15	201 EQUIP REPAIR/REPLACE RESERVE					
		<u>134,931.72</u>	200 EQUIP REPAIR/REPLACE RESERVE					
TOTAL		1,875,403.48						
DEWITT TOWNSHIP MONTHLY PAYMENT AMOUNT								
		2022	2021	2020				
		156,283.62	149,729.82	143,630.31				

Bath Twp Payment Breakdown

2022 PAYMENT BREAKDOWN								
ACCOUNT #102								
BATH TOWNSHIP SEWER								
		2022	%	2021 Budget	2021 Est.	%	2020	%
102	BT Collect	448,332.61	100%	\$428,069.50	426,532.00	100%	442,106.00	100%
105	Joint Collect	41,041.88	35.65%	37,832.07	37,725.44	35.15%	34,224.00	34.50%
200	Plant	229,631.70	16.7273%	219,283.29	209,526.16	16.7273%	203,590.48	16.7273%
201	Process	230,155.99	27.21%	216,906.67	214,802.52	27.44%	212,494.56	28.08%
666	IPP	2,339.30		2,490.11	2,020.00		2,511.04	
TOTAL		951,501.48		\$904,581.64	890,606.12		894,926.08	
		27,975.99						102 EQUIP REPAIR/REPLACE RESERVE
		2,226.22						105 EQUIP REPAIR/REPLACE RESERVE
		80,927.98						201 EQUIP REPAIR/REPLACE RESERVE
		40,479.56						200 EQUIP REPAIR/REPLACE RESERVE
TOTAL		\$1,103,111.23						
BATH TOWNSHIP MONTHLY PAYMENT AMOUNT								
		2022	2021	2020				
		91,925.94	88,147.12	87,116.29				

Watertown Twp Payment Breakdown

2022 PAYMENT BREAKDOWN								
ACCOUNT #104								
WATERTOWN TOWNSHIP SEWER								
Acct. #		2022	%	2021 Budget	2021 Est.	%	2020	%
104	Collection	77,014.39	100%	\$71,550.25	\$6,728.00	100%	\$75,085.00	100%
200	Plant	222,420.40	16.2020%	212,396.97	202,946.25	16.2020%	197,196.97	16.2020%
201	Process	57,856.19	6.84%	53,199.05	52,682.98	6.73%	47,448.04	6.27%
666	IPP	1,907.04		1,842.68	<u>1,494.80</u>		1,883.28	
TOTAL		359,198.02		\$338,988.95	\$263,852.03		\$321,613.29	
		5,986.73	104 EQUIP REPAIR/REPLACE RESERVE					
		20,343.53	201 EQUIP REPAIR/REPLACE RESERVE					
		<u>39,208.35</u>	200 EQUIP REPAIR/REPLACE RESERVE					
TOTAL		\$424,736.63						
WATERTOWN TOWNSHIP MONTHLY PAYMENT AMOUNT								
		2022	2021	2020				
		35,394.72	33,773.42	31,942.13				

DeWitt Twp Collection Revenue – 101 Account

		2021	2022	\$
		BUDGET	PROPOSED	CHANGE
584	PAYMENTS	263,651	271,921	8,270
585	RESERVE PAYMENTS	16,758	15,934	(824)
	TOTAL	280,409	287,855	7,446

DeWitt Twp Collection Expenditures – 101 Account

100% DeWitt Township									%
		2018	2019	2020	2021	2021	2022	\$	CHANGE FROM
		ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	PREV. YEAR
ACCT# 101									
702	SALARIES	68,882	66,680	59,906	80,665	80,000	84,170	3,505	4.35
715	FICA	5,148	5,084	4,644	5,948	5,948	6,385	437	7.35
751	VEHICLE & MILEAGE	6,286	5,258	7,467	6,395	6,000	7,673	1,278	19.98
911	HOSPITALIZATION	6,532	6,931	6,440	13,872	12,000	14,568	696	5.02
913	DENTAL	1,285	1,293	1,025	1,490	1,490	1,625	135	9.06
920	UTILITIES	33,934	40,720	42,601	42,500	42,500	48,500	6,000	14.12
930	REPAIR & MAINTENANCE	25,109	30,083	31,239	31,500	31,500	32,500	1,000	3.17
931	COLL. SYST. INS. & REHAB.	70,106	43,953	74,021	79,560	79,560	74,250	(5,310)	(6.67)
935	MISS DIG	741	1,053	1,564	1,720	1,907	2,250	530	30.81
969	DEPRECIATION	8,240	7,505	5,620	3,602	3,602	9,542	5,940	164.91
971	CAPITAL OUTLAY		16,415	36,034			-	-	
	Sub Total	226,263	224,975	270,561	267,252	264,507	281,463	14,211	5.32
	Less Unfunded Depreciatio	8,240	7,505	5,620	3,602	3,602	9,542	5,940	164.91
	Less Reserve Transfers							-	
	Total	218,023	217,470	264,941	263,650	260,905	271,921	8,271	3.14

Bath Twp Collection Revenue – 102 Account

	100% Bath Township	2021	2022	\$
		BUDGET	PROPOSED	CHANGE
584	PAYMENTS	428,070	448,333	20,263
585	RESERVE PAYMENTS	29,043	27,976	(1,067)
	TOTAL	457,112	476,309	19,196

Bath Twp Collection Expenditures – 102 Account

100% Bath Township									%
		2018	2019	2020	2021	2021	2022	\$	CHANGE FROM
		ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	PREV. YEAR
ACCT# 102									
702	SALARIES	89,137	103,546	97,104	125,031	125,031	130,464	5,433.00	4.35
715	FICA	6,989	7,874	7,485	9,219	9,219	9,896	677.00	7.34
751	VEHICLE & MILEAGE	12,860	12,470	13,509	14,728	14,000	17,674	2,946.00	20.00
911	HOSPITALIZATION	8,984	11,948	11,650	21,502	21,500	22,580	1,078.00	5.01
913	DENTAL	1,964	2,181	1,779	2,310	2,310	2,519	209.00	9.05
920	UTILITIES	100,321	96,900	102,771	107,000	107,000	115,000	8,000.00	7.48
930	REPAIR & MAINTENANCE	47,465	32,533	47,516	51,000	51,000	51,000	-	-
931	COLL. SYST. INS. & REHAB.	29,318	21	33,518	42,410	42,410	41,400	(1,010.00)	(2.38)
932	ODOR & CORROSION CONTROL	55,446	62,194	22,395	53,000	52,000	55,450	2,450.00	4.62
935	MISS DIG	857	1,169	1,699	1,869	2,062	2,350	481.00	25.74
969	DEPRECIATION	24,266	24,530	16,495	15,590	15,590	12,954	(2,636.00)	(16.91)
971	CAPITAL OUTLAY		175,672	-				-	-
	Sub Total	377,607	531,038	355,922	443,659	442,122	461,287	17,628.00	3.97
	Less Unfunded Depreciation	24,266	24,530	16,495	15,590	15,590	12,954	(2,636.00)	(16.91)
	Less Reserve Transfers							-	
	Total	353,341	506,508	339,427	428,069	426,532	448,333	20,264.00	4.73

City of DeWitt Collection Revenue – 103 Account

		2021	2022	\$
	100% City of DeWitt	BUDGET	PROPOSED	CHANGE
584	PAYMENTS	76,577	86,161	9,584
585	RESERVE PAYMENTS	5,482	5,061	(421)
	TOTAL	82,060	91,222	9,163

City of DeWitt Collection Expenditures – 103 Account

	2018	2019	2020	2021	2021	2022	\$	%
100% City of DeWitt	ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	CHANGE
702 SALARIES	12,878	15,948	12,137	15,125	15,000	15,782	657	4.34
715 FICA	979	1,145	1,009	1,115	1,100	1,197	82	7.35
751 VEHICLE & MILEAGE	652	663	1,049	1,330	1,200	1,596	266	20.00
911 HOSPITALIZATION	1,539	1,746	1,432	2,601	2,500	2,732	131	5.04
913 DENTAL	256	291	217	279	279	305	26	9.32
920 UTILITIES	26,358	26,533	26,925	30,500	30,500	33,000	2,500	8.20
930 REPAIR & MAINTENANCE	6,907	6,348	8,735	7,500	7,500	7,500	-	-
931 COLL. SYST. INS. & REHAB.	590	15,001	12,593	16,850	16,850	22,350	5,500	32.64
935 MISS DIG	614	719	1,161	1,277	1,549	1,700	423	33.12
969 DEPRECIATION	2,984	2,452	1,993	-	-	3,986	3,986	100.00
971 CAPITAL OUTLAY	-	30,300	27,905	-	-	-	-	-
Sub Total	53,757	101,146	95,157	76,577	76,478	90,148	13,571	17.72
Less Unfunded Depreciation	2,984	2,452	1,993	-	-	3,986	3,986	
Less Reserve Transfers							-	
Total	50,773	98,694	93,164	76,577	76,478	86,162	9,585	12.52

Watertown Twp Collection Revenue – 104 Account

		2021	2022	\$
	100% Watertown Township	BUDGET	PROPOSED	CHANGE
584	PAYMENTS	71,550	77,014	5,464
585	RESERVE PAYMENTS	7,067	5,987	(1,070)
	TOTAL	78,618	83,001	4,383

Watertown Twp Collection Expenditures – 104 Account

	2018	2019	2020	2021	2021	2022	\$	%
100% Watertown Township	ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	CHANGE
702 SALARIES	20,584	21,772	21,582	19,158	19,000	19,990	832	4.34
715 FICA	1,539	1,680	1,644	1,413	1,400	1,516	103	7.29
751 VEHICLE & MILEAGE	2,173	2,363	2,834	3,164	3,000	3,797	633	20.01
911 HOSPITALIZATION	2,337	2,101	2,553	3,295	3,000	3,460	165	5.01
913 DENTAL	420	448	377	354	354	386	32	9.04
920 UTILITIES	17,718	20,818	22,833	22,500	22,500	26,000	3,500	15.56
930 REPAIR & MAINTENANCE	7,734	2,882	7,856	8,350	8,350	8,500	150	1.80
931 COLL. SYST. INS. & REHAB.	21,643	18,594	13,390	12,320	12,320	12,060	(260)	(2.11)
935 MISS DIG	319	423	906	997	1,105	1,305	308	30.89
969 DEPRECIATION	8,287	9,445	7,787	6,728	6,728	8,846	2,118	31.48
971 CAPITAL OUTLAY	-	12,574	16,754				-	-
Sub Total	82,754	93,100	98,516	78,279	77,757	85,860	7,581	9.68
Less Unfunded Depreciation	8,287	9,445	7,787	6,728	6,728	8,846	2,118	31.48
Less Reserve Transfers							-	
Total	74,467	83,655	90,729	71,551	71,029	77,014	5,463	7.64

Joint Revenue – 105 Account

DEWITT TOWNSHIP / BATH TOWNSHIP LIFT STATIONS				
	64.35% DeWitt Township			
	35.65% Bath Township			
		2021	2022	\$
		BUDGET	PROPOSED	CHANGE
584	PAYMENTS	107,630	15,124	7,494
585	RESERVE PAYMENTS	5,830	6,245	415
	TOTAL	113,461	121,369	7,909

Joint Expenditures – 105 Account

DEWITT TOWNSHIP / BATH TOWNSHIP LIFT STATIONS									
64.35% DeWitt Township									%
35.65% Bath Township		2018	2019	2020	2021	2021	2022	\$	CHANGE FROM
		ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	PREV. YEAR
ACCT# 105									
702	SALARIES	12,202	16,230	17,565	17,141	17,000	17,886	745.18	4.35
715	FICA	906	1,230	1,364	1,264	1,250	1,357	92.73	7.34
751	VEHICLE & MILEAGE	661	642	926	1,201	1,100	1,441	239.60	19.95
911	HOSPITALIZATION	1,269	1,966	1,598	2,948	2,900	3,096	147.71	5.01
913	DENTAL	261	384	380	317	317	345	28.28	8.92
920	UTILITIES	50,726	51,056	58,808	57,500	57,500	66,500	9,000.00	15.65
930	REPAIR & MAINTENANCE	8,442	11,828	12,371	14,000	14,000	16,000	2,000.00	14.29
931	COLL. SYST. INS. & REHAB.	-	-	-	13,260	13,260	8,500	(4,760.00)	(35.90)
932	ODOR & CORROSION CONTROL	-	200	73	-	-	-	-	-
969	DEPRECIATION	6,316	6,316	749	749	749	749	0.28	0.04
971	CAPITAL OUTLAY		-	-				-	
	Sub Total	80,783	89,852	93,835	108,380	108,076	115,874	7,493.78	6.91
	Less Unfunded Depreciation	6,316	6,316	749	749	749	749	0.28	0.04
	Less Reserve Transfers								
	Total	74,467	83,536	93,086	107,631	107,327	115,124	7,493.50	6.96

Plant Revenue – 200 Account

	55.7576% DeWitt Township			
	16.7273% Bath Township	2021	2022	\$
	11.3131% City of DeWitt	BUDGET	PROPOSED	CHANGE
	16.2020% Watertown Township			
584	PAYMENTS	1,280,931	1,372,796	91,865
585	RESERVE PAYMENTS	241,997	241,997	-
	TOTAL	1,522,928	1,614,793	91,865

Plant Expenditures – 200 Account

	2018	2019	2020	2021	2021	2022	\$	%
	ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	CHANGE
55.7576% DeWitt Township								
16.7273% Bath Township								
11.3131% City of DeWitt								
16.2020% Watertown Township								
702 SALARIES	531,492	539,241	565,871	602,031	602,000	596,791	(5,240.00)	(0.87)
703 SALARIES - (NON EMPLOYEE)	9,100	8,965	7,905	13,000	11,000	13,000		
710 UNIFORMS	8,370	9,480	8,242	8,475	8,475	8,475	-	-
712 LICENSE	1,500	1,800	1,800	2,400	2,400	2,400	-	-
715 FICA	42,448	46,162	46,023	45,570	4,500	46,447	877.00	1.92
725 SAFETY SUPPLIES	5,824	6,365	6,308	6,500	6,500	7,000	500.00	7.69
727 OFFICE SUPPLIES	4,791	4,441	4,837	6,500	6,000	6,500	-	-
751 VEHICLE & MILEAGE	5,012	5,233	5,935	6,745	6,500	8,093	1,348.00	19.99
801 PROFESSIONAL SERVICES	30,499	32,577	89,367	35,000	35,000	40,000	5,000.00	14.29
815 EDUCATION & TRAINING	768	1,275	400	7,500	5,000	7,500	-	-
900 LEGAL ADS	302	225	164	1,500	1,000	1,000		
910 INSURANCE	45,859	46,984	47,700	50,000	50,000	51,500	1,500.00	3.00
911 HOSPITALIZATION	97,719	98,018	98,283	109,255	105,000	109,011	(244.00)	(0.22)
912 WORKERS COMP	8,214	6,825	4,882	12,000	11,000	10,000	(2,000.00)	(16.67)
913 DENTAL	10,318	9,895	9,206	11,121	11,000	11,521	400.00	3.60
914 LIFE & LONG TERM DISAB	7,771	7,848	6,008	6,272	6,272	7,000	728.00	11.61
916 EMPLOYEE APPRECIATION	1,081	881	296	1,500	1,500	1,000	(500.00)	(33.33)
917 MERS RETIREMENT	149,512	182,751	181,136	202,082	202,082	247,208	45,126.00	22.33
919 PUBLIC RELATIONS	4,000	1,098	186	5,000	1,000	5,000	-	-
920 UTILITIES	65,467	64,949	63,097	68,000	68,000	78,500	10,500.00	15.44
930 REPAIR & MAINTENANCE	86,332	83,774	105,459	106,000	106,000	110,000	4,000.00	3.77
935 MISS DIG	1,290	2,518	1,721	3,981	2,121	4,350	369.00	9.27
956 MISCELLANEOUS	49	245	47	500	250	500	-	-
969 PLANT & EQUIP DEPRECIATION	223,213	227,463	216,933	198,343	198,343	209,472	11,129.00	5.61
971 CAPITAL OUTLAY		-					-	
Sub Total		13,089		208,610	208,610	825,000	616,390.00	295.47
Less Unfunded Depreciation	1,340,931	1,402,102	1,471,805	1,717,885	1,659,553	2,407,268	689,383.00	4.84
Less Reserve Transfers	223,213	227,463	216,933	198,343	198,343	209,472	11,129.00	5.61
Total	-	13,089	-	208,610	208,610	825,000		
	1,117,718	1,161,550	1,254,872	1,310,932	1,252,600	1,372,796	61,864.00	4.72

Process Revenue – 201 Account

		2021	2022	\$
		BUDGET	PROPOSED	CHANGE
	52.63% DeWitt Township			
	27.21% Bath Township			
	13.32% City of DeWitt			
	6.84% Watertown Township			
584	PAYMENTS	790,476	845,851	55,375
585	RESERVE PAYMENTS	297,420	297,420	-
674	SAL REVENUE	27,000	27,000	
	TOTAL	1,114,896	1,170,271	55,375

Process Expenditures – 201 Account

	52.63% DeWitt Township								
	27.21% Bath Township	2018	2019	2020	2021	2021	2022	\$	%
	13.32% City of DeWitt	ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	CHANGE
	6.84% Watertown Township								
702	SALARIES	190,126	171,353	191,473	205,622	205,600	214,165	8,543	4.15
715	FICA	14,327	12,798	14,801	15,162	15,160	16,245	1,083	7.14
727	OFFICE SUPPLIES	1,834	2,371	1,344	3,500	3,000	3,500	-	-
729	PROCESS CHEMICALS	55,342	50,562	64,510	73,000	73,000	75,000	2,000	2.74
730	LABORATORY SUPPLIES	9,504	13,310	13,979	16,000	16,000	16,000	-	-
751	VEHICLE & MILEAGE	468	260	1,139	1,033	1,000	1,239	206	19.94
801	PROFESSIONAL SERVICES	8,372	11,495	46,867	15,500	15,500	16,000	500	3.23
815	EDUCATION & TRAINING	4,232	10,370	1,414	13,000	10,000	13,000	-	-
911	HOSPITALIZATION	32,428	21,320	22,069	35,362	35,000	37,067	1,705	4.82
913	DENTAL	3,906	3,311	3,468	3,798	3,798	4,134	336	8.85
920	UTILITIES	241,140	237,205	238,359	255,000	255,000	290,000	35,000	13.73
921	REGULATORY FEES	8,201	9,915	8,179	13,000	9,500	13,000	-	-
923	SOLIDS HANDLING	50,776	57,665	62,939	74,000	74,000	78,000	4,000	5.41
930	REPAIR & MAINTENANCE	42,747	72,874	79,171	93,000	93,000	95,000	2,000	2.15
956	MISCELLANEOUS	-	-	-	500	250	500	-	-
969	DEPRECIATION	185,199	180,171	177,982	170,252	170,252	152,822	(17,430)	(10.24)
971	CAPITAL OUTLAY	-	66,977	68,095	275,000	275,000	475,000	200,000	72.73
	Sub Total	848,602	921,957	995,787	1,262,729	1,255,060	1,500,672	237,943	3.84
	Less Unfunded Depreciation	185,199	180,171	177,982	170,252	170,252	152,822	(17,430)	(10.24)
	Less Reserve Funding				275,000	275,000	475,000		
	Total	663,403	741,786	817,805	817,477	809,808	872,850	55,373	6.77

Industrial Pretreatment Plan Revenue – 666 Account

	Self Funded Account			
		2021	2022	\$
		BUDGET	PROPOSED	CHANGE
584	PAYMENTS	13,472	13,553	81
601	FEE FOR SERVICE			
	TOTAL	13,472	13,553	81

Industrial Pretreatment Plan Expenditures – 666 Account

Self Funded Account									
Billed based on user count		2018	2019	2020	2021	2021	2022	\$	%
		ACTUAL	ACTUAL	ACTUAL	BUDGET	EST YR END	PROPOSED	CHANGE	CHANGE
702	SALARIES	1,649	3,935	4,217	7,000	5,000	7,000	-	-
715	FICA	125	304	309	536	500	536	(0.50)	(0.09)
726	INSPECTION SUPPLIES	-	19	2	300	300	300	-	-
727	OFFICE SUPPLIES	160	150	161	200	200	200	-	-
751	VEHICLE & MILEAGE	252	184	446	406	400	487	81.00	19.95
801	PROFESSIONAL SERVICES	-	529	1,344	3,000	3,000	3,000	-	-
815	EDUCATION & TRAINING	340	-	-	500	100	500	-	-
900	LEGAL ADS	-	-	-	100	-	100	-	-
911	HOSPITALIZATION	505	64	47	1,300	1,300	1,300	-	-
913	DENTAL	24	91	81	130	130	130	-	-
	TOTAL	3,055	5,276	6,608	13,472	10,930	13,553	80.50	0.60

Expenditure Justification

702 - SALARIES

Purpose & Justification: To cover operator, clerical, and administrative salaries. This value was calculated from historical data and represents actual hours worked in each budget during this time period as well as those additional hours we anticipate will be necessary to perform scheduled work. See Appendix "A" for an itemized salary list.

703 - SALARIES (non-employees)

Purpose & Justification: To pay the per diem of the members of the Board of Commissioners at the rate of \$35 per for all meetings attended in addition to \$600 annually.

710-UNIFORMS

Purpose & Justification: to cover a uniform allowance to include pants, shirts, coats, and boots for union employees, maintenance supervisor, process control supervisor, collections supervisor.

712-LICENSE

Purpose & Justification: Union employees are compensated for achieving various levels of certification in clean water production per the bargaining unit agreement.

715 - FICA

Purpose & Justification: This line item is 7.65% of salaries for FICA.

725 - SAFETY SUPPLIES

Purpose & Justification: Funding to pay for safety related supplies such as gloves, personal protective equipment, confined space entry equipment, lockout/tag out equipment, and hazard communication training. This line item is identified separately in order to demonstrate and document SCCMUA's continuing commitment to a safe work environment.

727 - OFFICE SUPPLIES

Purpose & Justification: Supplies include items such as pens, pencils, note pads, staples, file folders, copy/computer paper, postage, and other necessary supplies to support the administration, operation, and maintenance of the Plant.

729 - PROCESS CHEMICALS

Purpose & Justification: To provide the necessary chemicals for treating all process flow. The total cost for Process chemicals includes the purchase of Ferric Chloride for the removal of phosphorous, Chlorine for disinfecting the effluent, Sulfur Dioxide for dechlorinating the effluent (odor control in the equalization system and the chlorinating of tertiary filter backwash water), and Lime for odor control of grit.

730 - LABORATORY SUPPLIES

Purpose & Justification: To purchase all necessary laboratory reagents, glassware, and materials to analyze the clean water production processes. This line item also includes those pieces of laboratory equipment costing less than \$5,000. The total cost for supplies includes the following: glassware and general supplies, distilled water, electrodes, and miscellaneous items.

751 - VEHICLE & MILEAGE

Purpose & Justification: To cover repairs and fuel for service vehicles, vector, and camera truck. This line item includes transportation and miscellaneous travel expenses associated with the O & M administration of the sewage pumping stations, collection systems (transmission lines and manhole structures), and plant. See Appendix "C" for vehicle usage percentage chart.

This figure was calculated on actual usage based on vehicle mileage logs.

801 – PROFESSIONAL SERVICES

Purpose & Justification: This includes anticipated compliance testing which is required by EGLE but outside of routine laboratory analysis performed at SCCMUA, engineering fees, and legal fees. It also provides consulting services for the Authority.

815 - EDUCATION AND TRAINING

Purpose & Justification: This line item will provide the funds necessary to keep operators, administrative staff, and supervisors abreast of the changing regulations and technologies through planned seminars, workshops, conferences, and courses appropriate to the work they perform.

900 - LEGAL ADS

Purpose & Justification: This line item is intended to purchase space in local newspapers for publishing Authority legal ads as required (such as meeting dates and times, public hearings, and employment ads).

910 - INSURANCE

Purpose & Justification: Insurance coverage for comprehensive general liability, property, boiler, and machinery.

911 – HOSPITALIZATION

Purpose & Justification: It is the proportional share of the hospitalization cost based on salaries.

912 - WORKERS COMP

Purpose & Justification: This line item is for the worker's compensation insurance premium for the Authority and is paid based on ownership.

913 - DENTAL

Purpose & Justification: It is the proportional share of the dental insurance cost based on salaries.

914 - LIFE AND LONG-TERM DISABILITY

Purpose & Justification: To provide employees with group term life insurance benefits and long-term disability coverage.

916-EMPLOYEE APRECIATION

Purpose & Justification: This represents the cost of an employee appreciation event once per year for all employees.

917-MERS RETIREMENT

Purpose & Justification: This represents the employer's share of the MERS retirement.

919-PUBLIC RELATIONS

Purpose & Justification: This represents funds for public relations.

920 - UTILITIES

Purpose & Justification: This includes utility bills from Consumers Energy and BWL for Lift Stations, the communication tower,

and the plant. This value also includes fuel oil, LP gas, or natural gas expenditures for use in standby generators. This is based on the historical consumption and demand for utilities during the previous 24 months of operation.

921-REGULATORY FEES

Purpose & Justification: This line item is to pay the costs of State of Michigan mandated fees. This includes the annual NPDES permit fee and annual fees for land application.

923- SOLIDS HANDLING

Purpose & Justification: To cover all expenses associated with the safe and ultimate disposal of biosolids onto agricultural land. This includes all testing, transportation, and land application as well as necessary disposal fees by signed contract.

930 - REPAIR & MAINTENANCE

Purpose & Justification: For parts, materials, tools, lubricants, as well as all electrical and mechanical maintenance supplies associated with the operation and maintenance of the sewage pumping stations, collection systems, and the plant.

931 - COLLECTION SYSTEM INSPECTION & REHABILITATION

Purpose & Justification: This line item is for the purpose of identification and correction of sources of inflow and infiltration (I/I) and potential failure points in the collection systems. Funds pay for service contract cleaning, televising, and performing repairs to the wastewater collection system.

932 – ODOR & CORROSION CONTROL

Purpose & Justification: This line item is for the purpose of controlling odors with canisters at various lift stations and ferric chloride in Bath Twp.

935 - MISS DIG

Purpose & Justification: To cover costs associated with the MISS DIG program. SCCMUA is responsible (contractually) for protecting and identifying the wastewater utilities of the constituent Municipalities.

956 - MISCELLANEOUS

Purpose & Justification: For miscellaneous minor expenditures not covered in any other line item.

969 - DEPRECIATION

Purpose & Justification: This line item is an expenditure line only and will no longer be funded. Funding for reserves is calculated on another basis. Estimated depreciation numbers were calculated. The actual depreciation values may be slightly higher.

970 - C.I.P. EXPENDITURES (FROM PAYMENTS)

Purpose & Justification: This line item is for those capital purchases in excess of \$10,000 that are included in the published Capital Improvement Plan. The Capital Improvement Program was reviewed by Committee and published to the constituent Municipalities and the full Board of Commissioners at SCCMUA. Funding for these C.I.P. projects is obtained from monthly payments to the Authority. See CIP document for breakdown.

971 - C.I.P. EXPENDITURES (FROM RESERVES)

Purpose & Justification: This line item is for those capital purchases in excess of \$10,000 that are included in the published Capital Improvement Plan. The Capital Improvement Plan was reviewed by Committee and published to the constituent Municipalities and the full Board of Commissioners at SCCMUA. Funding for these C.I.P. projects is obtained from reserves. See CIP document for breakdown.

Capital Improvement Plan

SUMMARY OF CIP PROJECT REQUESTS 2022 - 2026							
ACCT#	PROJECT NAME		2022	2023	2024	2025	2026
201	Backwash Pump N	Tertiary Equip	45,000				
201	RBC Blowers	RBC Equipment	165,000				
201	DeWitt/Bath Flow Meter	Flow Meter	20,000				
200	Well pump	Plant Water Supply	25,000				
201	RBC Project	RBC Equipment	65,000				
201	RBC Gates	RBC Equipment	180,000				
200	Site Electrical	Sitework	700,000				
200	TV Camera	Sewer Equip	100,000				
200	Parking Lot Paving	Grounds		125,000			
200	Temperature Control Equip	HVAC		85,000			
200	HVAC	Sandhill Bldg		15,000			
200	Plant Air Compressors	Compressed Air		35,000			
200	Vactor	Vehicles		440,000			
201	E/W Digested Sludge Pump	Digester		50,000			
201	Sandhill Raw Sewage Pump/Motor/Valves/Pipe #2	Sandhill Bldg		220,000			
201	E&W Digester Supernatant Pumps	Digester			12,000		
200	Storage Building	Facility			75,000		
201	E&W Primary Clarifier Mechanisms	Primary Clarifier			500,000		
201	E&W Primary Clarifier Reducers	Primary Clarifier			20,000		
201	Effluent Pumps 1,2,3				45,000		
201	Sandhill Pump/Motor/Valves/Pipe #3	Sandhill Bldg			220,000		
200	CP700	Digester			60,000		
200	AHU-2	Digester			27,500		
200	RBC Blower Ctrl Panel	RBC Equipment			50,000		

Capital Improvement Plan-Continued

SUMMARY OF CIP PROJECT REQUESTS 2022 - 2026								
ACCT#	PROJECT NAME		2022	2023	2024	2025	2026	
200	Bar Screen Ctrl Panel	Grit Equipment			50,000			
200	Prim/Sec Valve Ctrl Panel				55,000			
200	Air Intake Duct					46,000		
200	2015 Ford F350 w/utility Bed	Vehicles				50,000		
200	2015 Ford Explorer	Vehicles				25,000		
201	E/W Primary Clarifier Weir plates/baffles	Primary				140,000		
201	Grit Auger	Grit Equipment				75,000		
201	Secondary Weir Plates/Reducers	Secondary Equip				80,000		
201	Chemical Feed Overhead Hoist					15,000		
201	Ferric Feed Pump (2)	Chemical				10,000		
201	R29/R30 FRP Slide Gates	Chlorine Contact				20,000		
201	Sandhill Raw Sewage Pump/Motor/Valves/Pipe #1	Sandhill Bldg				220,000		
201	Sandhill Wetwell Rehab	Sandhill				50,000		
201	Sandhill Air Compressor	Sandhill Bldg				10,000		
200	2018 3500 Ram	Vehicles					68,000	
201	Digester Gas Blowers	New Digester					15,000	
201	Bar Screen	Grit Equipment					125,000	
201	Sludge Valves	Prim/Sec Equip					85,000	
201	E/W Secondary Slide Gates	Secondary Equip					30,000	
			1,300,000	845,000	1,114,500	741,000	323,000	
		Highlighted items would be likely affected by facilities plan.						
		Cost increase						
		Impacted by facilities Plan						

Capital Improvement Plan Justification

2022

RBC Project: The plan to do a progressive rehabilitation project was identified. This project would potentially save millions over the proposed replacement schedule. The projected cost is \$65,000.00 a year for six years as work would be conducted to complete one train a year. All bearing and bearing surfaces will be pulled and replaced or repaired along with all the air diffusers.

RBC Gates: The RBC gates are used to control the flow into each RBC train. These gates are also used to isolate the tank for service work. The current configuration has four gates per RBC. Over the years, only one gate was operated as it was easier to maintain the flow consistency thus rendering the other gate inoperable. The plan is to install one gate replacing the one active gate. \$180,000

Site Electrical: This project would create the required dual feed system that is not in most of the plant electrical system. The current system is nearly impossible to get parts for, and if they are found, they are unrealistic in price. The current system is all original to the plant. \$700,000

Back Wash Pump North

The backwash pump system is critical to the flow of clean water to remove contaminants that have built up in the filter system. Typically, these filters need to be backwashed once a day. \$45,000

RBC Blowers

The RBC blowers are large centrifugal blowers that are responsible for providing air to drive the RBC system, There are three blowers in the system with two blowers running at any given time. \$165,000

DeWitt/ Bath Flow Meter

This flow meter is responsible for accurate account for all the flow being treated from the Bath and DeWitt collection systems \$20,000

Well Pump

SCCMUA has one large well pump that is reasonable for producing clean drinking water along with backup process water through the plant. \$25,000

Pipe inspection Camera System

The Pipe inspection camera is an important tool for inspecting the collection system and accurately assessing residential complaints in the system. The current system is operational and with minimal wear should remain viable until it is unsupported by the manufacturer. \$100,000

2023

Temperature Control Equipment: This equipment is still original in many parts of the building. This project would replace the old temp sensing equipment along with control valves as many are inoperable. This makes regulating temperatures very difficult and unpredictable. It is important to be able to regulate temperatures effectively as much of the equipment used today in the building is temperature sensitive. \$85,000

Plant Air Compressor: This piece of equipment is very crucial to our operation as air pressure is our means of valve operations. This pressure allows us to remotely operate valves for the sequencing of operations. \$35,000

Vector: The vector or combination sewer truck is one of the most important pieces of equipment we operate. The largest use of this truck is wet well cleaning which is the removal of floatable solids including grease and plastics. This machine is also used to clean out sewer lines that may be blocked or have heavy grease or sediment build up. Our machine is beginning to show wear. \$440,000

East and West Primary Sludge Pump: These pumps are used to pump settled solids from the primary clarifiers to the digester system where solids can be broken down even further. These are positive displacement pumps which physically push the matter forward. This style of pump does work well in these applications, but they do wear out and at a certain point become more cost effective to replace than repair. \$50,000

Primary Weir Plates and Baffles: Many components in the clarifiers are produced using various metals. These are the components that eventually corrode beyond repair and need to be replaced as well as the inner diffuser rings. The fiberglass baffles eventually become damaged and brittle from UV light and need to be replaced. \$140,000 (\$70,000 for each clarifier)

Sandhill Raw Sewage Pump and Motor

These pumps are original and operate 24hrs a day. They are original to the plant and have been rebuilt many times. With the increase in pump efficiency and the wear on these pumps, they will be due for replacement and will yield a significant energy reduction. \$220,000

1980 Parking lot

The parking lot from the original build of SCCMUA has been maintained to a level which now over runs the building causing drainage issues. The years of material will need to be removed and new base and top course installed at original grade. \$125,000

Sandhill HVAC

Sandhill pump station is the most critical piece of our operation and with new electronics it is important to maintain a temperature-controlled environment to reduce the failure rate. \$15,000

2024

East & West Supernate Pumps

The supernate system is a crucial process in the production of biosolids. The supernate that is created by digestion is pumped back to the headworks of the plant. The original pumps that are still in operation are costly and not well suited for the process. The replacement pumps will be centrifugal and will come with less cost and maintenance. \$12,000.00

East and West Primary Clarifier Mechanisms and Reducers.

The primary clarifiers mechanisms have been refurbished multiple times and the metal is deteriorated to the point where holes and patching are needed. The mechanisms are essential to the function and process of the clarifiers. The drives have already been replaced and this replacement will get us through another 30 plus years.\$520,000

Effluent Pump System 1,2,3

The effluent system carries the effluent water to different parts of the plant for various uses such as chemical feed, building heat, seal cooling and flushing along with maintenance needs. This system runs 24/7 and is vital to the operations of the plant. The system has had many repairs and replacement along the way. \$45,000

Sandhill Pump, Motor and Valves

These pumps are original and operate 24hrs a day. They are original to the plant and have been rebuilt many times. With the increase in pump efficiency and the wear on these pumps, they will be due for replacement and will yield a significant energy reduction. \$220,000

CP700 Digester Controls

This system is part of the SCADA controls which operate the digester system. Since this hardware support and parts quickly become obsolete, the electrical system used to function the controls becomes outdated and unsupported. This replacement will be liquid in the sense of how much is essential to be changed at any given time. \$60,000

AHU- 2 Digester Building

Since the installation and build of the Digester system, an extensive amount of corrosion has been forming in the air handling equipment. The cause has been determined, but the damage has been done. These units provide ventilation which is required due to the possible hazardous atmosphere inside the building. \$27,500

RBC Blower Controls

The RBC blower control operates the three blowers used to drive our RBC operations. Without them there is no RBC function, they are critical. \$50,000

Bar Screen Control Panel

The Bar screen is crucial to maintaining a clean process and it removes most of the trash that is in the influent. The bar screen and control panel are in a very corrosive and moist atmosphere which leads to failures and need for replacement. \$50,000

Primary/ Secondary Controls and Valves

In the lower area of the main building the system which controls the operation of valves for both primary and secondary sludge pumping operates. This system is crucial to daily operations for the process along with the valves. This system allows us to direct flow to different areas based on need. It has been replaced once but has become obsolete. A replacement will be needed to maintain operational control. \$55,000

Storage Building

AS SCCMUA has grown with the communities, the amount of equipment to maintain the plant and system has grown with it. Additional storage is needed for equipment which needs to remain out of the elements when not in use. Best location identified is behind the new digester where it can be out of sight and easily heated by the digester system.
\$75,000

2025

Air Intake Duct

The intake duct was built to draw fresh air into the building and RBC blowers. This duct travels underground and will need rehab or replacement. It is a distance away from the building to avoid pulling in process related air which is less desirable. \$46,000

2015 Ford F 350 utility

This truck is used as a larger service truck and is typically on the road daily. Typical service indicators show that in 2025 the truck is likely to need replacement. \$50,000

2015 Ford Explorer

This vehicle is used for a variety of different application from simple transportation to working on miss dig/inspections or any other needs as vehicle availability gets limited during certain times of the year. \$25,000

Grit Auger

The grit auger transports sediment from the aerated grit chamber to be the disposal container. This unit is critical to the process and in a poor atmosphere. \$75,000

Secondary Weir Plates and Reducers

The secondary clarifier mechanisms operate 24hr a day and are exposed to the outside environment. The reducers and weir are mission critical to the operation of the clarifiers and will have reached the useful life. \$80,000

Chemical Feed Overhead Hoist

This hoist has been in operation since the plant has been in operation and has been certifiable but it will be past its service life and is critical to the disinfection system to safely move 1-ton cylinders around. \$15,000

Chlorine Contact Gates

The gates are in place to control the flow of disinfected effluent water. This allows for maintenance of the clear well which stores water for backwash purposes. \$20,000

Sandhill Raw Sewage Pump 1 and Motor

The raw sewage pumps are original to the 1980 plant and have been rebuilt multiple times. Replacement pumps and motors will be more efficient and will offer a reduction in energy and will have available parts for replacement. These pumps are one of the most critical components of the operation as they convey raw sewage into the process. \$220,000

Sandhill Air Compressor

Is responsible for supplying air to the valves on each pump and air to the bubbler which control the pumps based on the level in the wet well. There is minimal back up for this system and crucial to basic operations. \$10,000

Ferric Feed Pumps

The ferric feed system is our only tool to meeting our discharge permit for phosphorus. The pumps are responsible for introducing a dosage selected by operators to meet the reduction needs to effectively remove phosphorus. \$10,000

East and West Primary Baffles

The baffle system stops short circuiting of the flow so effective treatment can take place in the clarifier system, these baffles in time become oxidized and brittle to exposure. \$140,000

Sandhill Wet Well Rehab

The Sandhill wet well collects all the water treated at the facility and over the years of cascading water, it has created wear in the tank along with H₂S. The rehab would create a new surface inside the existing structure to ensure the integrity of the system. \$50,000

2026

Digester Gas Blowers

The digester gas blowers are responsible for compressing and mixing the digester gas back into the digester helping with mixing and additional digestive benefits. \$15,000

Bar Screen

The bar screen is a mechanical device that is installed in the inlet channel into the aerated grit chamber. It is responsible for removing debris both organic and inorganic from the influent to protect the downstream systems. The debris is collected and dumped into a container for disposal. \$125,000

Sludge Valves

The sludge valves, both primary and secondary, are used to isolate tanks and equipment for maintenance but also a part of the synchronizing of the pumps. These valves have been rebuilt many times and parts are becoming more costly and difficult to find. \$85,000

Secondary Slide Gates

The secondary slide gates are responsible for isolating and diverting flows into each secondary clarifier. These gates have been replaced one time before. However, due to the environment they are in, partially submerged corrosion is an ongoing battle. \$30,000

2018 Ram 3500

This truck is one of the two service trucks in the fleet and is crucial to our response to daily maintenance and emergency response capabilities as it also has one of the few cranes for pump removal in our fleet. \$68,000

Appendix A – Salary Table

Appendix A

Position	Anticipated Salary
Administration	\$ 454,153.89
Director	
Process Control Super	
Maint Super.	
Collection Super.	
Admin Super	
Admin Secretary	
Operators	\$ 548,518.88
11 operators	
Summer Laborers	\$ 15,000.00
2 Laborers	
Commissioner Per diem	\$ 13,000.00
Anticipated OT (3%)	\$ 34,455.57
Potential Position Chgs	\$ 8,000.00
Retirement payout	\$ -
Sick Bank payout	\$ 10,000.00
	<hr/>
	\$ 1,083,128.34

Appendix B – Benefit Table

The following is the list of benefits used to determine the 52% benefit rate for 2022

	<u>2022</u>
Employer Contribution to MERS	\$247,208.23
Dental Plan	20,834.11
Health Care Plan	184,713.68
Vision Plan	2,080.51
FICA	83,578.42
Workers Compensation	\$10,000.00
Life & Disability Insurance	\$6,272.08
Professional Licenses	<u>2,400.00</u>
TOTAL	\$557,087.03

Appendix C – Vehicle & Mileage Table

The following is a percentage breakdown of vehicle usage for 2022:

101 - DeWitt Township	18.27%
102 - Bath Township	42.08%
105 - DeWitt/Bath LS	3.43%
103 - City of DeWitt	3.80%
104 - Watertown Township	9.04%
200 - WWTP-Plant	19.27%
201 - WWTP-Process	2.95%
666 – IPP	1.16%
	100%